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A & R Cambridge Limited
Arcam Alpha 10 Integrated Amplifier

A powerful hi-fi amplifier which outperforms similarly-priced rivals and can be easily transformed into a versatile home cinema amplifier or multi-room control centre.

A & R Cambridge Limited
Arcam Alpha 10 Digital Radio Tuner

The world's first digital radio for home use provides outstanding sound quality and ease of use from the new generation digital audio broadcasts.

A Fox Systems Limited
WaterGuard

A programmable device that monitors a premises water usage. If leaks or excessive usage are detected, WaterGuard automatically shuts off the supply and sounds an alarm.

A. Harrison Bedding Limited
Revolution

A double pocket mattress spring which offers progressive support suitable for people of all sizes.

A. Nelson & Co. Limited/Maddison
Nelsons klikpak

Unique, convenient and easy-to-use, the klikpak is a reliable new homeopathic pill dispenser.

A.F. Jameson (Birmingham) Limited
SHIELD (Simple Highway Invisible Laser Detector)

Protects anyone whose occupation forces them to work at the roadside. It emits an invisible class 1 eye safe invisible laser beam. If a vehicle crosses its path it will trigger audible or visible alarms.

A.M. Surveys Limited
Three Dimensional Mapping

A service which identifies the exact location, without excavation, of buried utilities equipment in the highway, with the results displayed in 3D.

A.P. Valves
Buddy Inspiration

Closed Circuit Rebreather for sports and military divers which recycles expired gas, and removes CO2. It delivers the optimum breathing mixture at all depths, greatly extending dive times with smaller gas cylinders.

Abbott Mead Vickers.BBDO

Guinness Surfer

60 second TV advertisement for Guinness using state-of-the-art digital technology to create images of crashing waves turning into stampeding horses.

ABS Hovercraft Limited

ABS M-10 Hovercraft

A lightweight, twin diesel engine craft built using advanced composites from the lifeboat industry.

Acer Snowmec Limited

Indoor Snowmaking System

A system for making natural snow indoors for leisure and industry using water, air and electricity with energy usage minimised through a patented thermal storage process.

ACO Technologies plc

Kerbdrain

A hollow kerb for draining rainwater from the highway that matches aesthetically existing concrete kerbs, is lightweight and easy to install.

Acordis

Amicor+

An engineered fibre which inhibits bacterial and fungal growth, stopping unpleasant odours developing in clothing.

Acordis Speciality Fibres

Hydrocel

A highly absorbent synthetic fibre/fabric used in the manufacture of dressings for chronic wounds.

Adaptive Audio Limited

Stereo Dipole

A 3D virtual surround sound system using conventional speakers spaced closely together for application in a wide variety of consumer electronics products from multimedia, PCs and games to TV and radio.

Adaptive Eyecare Limited

Adaptive Spectacles

Adaptive spectacles are the first device to give the wearer vision correction without the need for any eye test or the services of an ophthalmic professional. Of particular value in developing countries.

ADT Fire & Security

Carbon Monoxide Fire Detector

Fire detectors that fit on existing systems, but work by using the carbon monoxide gas produced early on in a fire, rather than the smoke.

Advanced Allergy Technologies Limited

Airflow

Anti-allergen cover for mattresses, pillows and duvets that allows the passage of air whilst being a 100% allergen barrier.

Advanced Bathing Systems Limited

The Acer Bath

An easy-access special needs bath, designed at standard wheelchair height, which incorporates a manual, self-sealing door.

Advanced Clean Air Technology Limited

Surfactant Induced Absorption Technology - Airborne 10

New environmental technology that alters the properties of water droplets to capture and remove odours and toxic gases, eliminating the requirement for expensive extraction, filtering and scrubbing systems.

Advanced Communications and Information Systems

Busnet

A satellite bus monitoring system with intelligent real time bus location capability and passenger information system.

Advanced Engineering Limited

Atlas

An innovative refrigerant-weighing platform designed to ensure accurate refrigerant transfer and prevent expensive and potentially dangerous overfilling, featuring a unique multi-language display.

Advanced Handling Limited

Voyager

A new type of stacking machine, which increases efficiency and productivity while also making working conditions safer for operators.

Advanced Vehicle Design Limited

The Pickup

An advanced pedal powered 'taxi' which benefits from an articulated chassis, ignition system and lights.



Advent Communications Limited

Newsift

A satellite transmit and receive terminal which is primarily used to provide live coverage of news and sports events.

AEA Technology plc

Groundhog

Enables contaminated sites to be redeveloped in new ways, by providing rapid and detailed information on site contamination.

AEA Technology plc

AGM Lithium-Ion Batteries

Lithium-Ion batteries are light and small with a higher power density and reduced environmental impact.

AEA Technology plc

V-Tex

A gaseous waste stream treatment system that overcomes the problems associated with existing technology, saving costs and minimising waste.

Aeromega Helicopters (Engineering) Limited

Portapump

A portable refuelling unit for turbine helicopters/aircraft which ensures that clean, safe fuel can be pumped quickly in the remotest of locations without fuss or bulky equipment.

AGCO Limited

Fieldstar™

Fieldstar is an integrated transferable precision farming system including position, monitoring and control capabilities. It will provide environmental and cost benefits to agriculture.

Aireshelta Limited

Aireshower

A rapid deployment, heavy duty inflatable decontamination unit which can be used on-site at chemical incidents as well as in hospitals.

AIRFLOW Developments Limited

ANEMOSONIC™ UA6

A hand held, ultrasonic anemometer to measure and datalog air and inert gas velocity, flow, temperature and uniquely, turbulence using an innovative miniaturised ultrasonic sensor.

Akeler

Solar Office

A specifically built office whose design minimises energy use and environmental impact, while providing significant amounts of its own electrical power by means of a photovoltaic façade.

Akzo Nobel Powder Coatings UK Limited

Interpon Express Colour Service

A powder paint mixing system that gives the same effect as liquid paint mixing systems in any colour, any gloss, on demand.

Alanta Limited

Waterbeds for Quadrupeds

Waterbeds for dairy cows which provide unsurpassed comfort, reduced injuries, improved hygiene, lower veterinary, machinery and labour costs with service life expectancy of fifteen years.

Allford Hall Monaghan Morris Architects/Essex County Council

Notley Green County Primary School

180 place first phase of an eventual 360 place new primary school built to high standards of sustainability.

Allies and Morrison

Abbey Mills Pumping Station

Forming the enclosure to a new sewage pumping station at Abbey Mills, on the Stratford Marshes, the single space provides access to all machinery and creates a dramatic addition to the open landscape setting.

Alouette Innovation Limited

Drill-Vac

A dust extraction device for drills which operates by suction from a vacuum cleaner.

Alpstar Electronics Limited

ATW - Heated Medical Bag

Portable container that heats and maintains critical medical supplies and samples to an accurate temperature. Powered by 12/24 volt or mains supplies.

Alsop & Störmer (Atlantic) Limited

New Peckham Library & Media Centre

Landmark new library forming part of the regeneration of Peckham in Southwark, London.

Amasec Airfil Limited

Airfil

An air pillow packaging system which protects products using minimal materials in a clean, recyclable and environmentally responsible way, providing savings of up to 50% on materials and 90% on storage space.

AMBI-RAD Limited

Optima

A gas-fired radiant heating element used for use in factories and warehouses.

Amec Civil Engineering Limited / University of Aberdeen

Granit

The world's first rapid and effective artificial intelligence-based system for assessing the safety of anchorage supports for structures such as tunnels, mines and dams.

Amersham Pharmacia Biotech UK Limited

P-33 Terminator Sequencing

A radioactive DNA sequencing system.

Amersham Pharmacia Biotech UK Limited

LEADseeker Homogenous Imaging System

An integrated system of instruments, chemical reagents and software for very rapid discovery of potential new drugs, with full training and technical support given.

AMS Systems Engineering Limited

Airwedge

An innovative inflatable air bag assembly for the crash recovery of new generation aircraft with complex wing angles, particularly airbus A340 and Boeing B777.

AMTEC Medical Limited

AMT Venometer

A portable instrument with which nurses can test patients at their bedside for potentially fatal blood clots in their legs.

Andel Limited

Floodline 128 Leak Detection System

Detection and alarm systems to warn of leakage from hidden water pipes and A/C units etc., in modern high-tech offices, IT centres and communications buildings.



Ankalad Limited

Ankalad

A ladder stabiliser which, once fitted, prevents side slip and down slip and eliminates ladder bounce - easily fitted to any ladder it can be erected in less than one minute.

Anotek Limited

Avionic Light Panel

Anotek's illuminated avionic control panels use screen printing combined with innovative materials technology to produce an economical product that is fire-retardant and requires zero maintenance.

Antenna Audio (an Arts Communication & Technology Limited Company)

Gallery Guide MPEG

A random access, portable information system for museums, galleries and other visitor attractions capable of storing 80 hours of high quality audio interpretation for the public.

Aquapac International Limited

Aquapac Aquaclip

A patent seal which, with just a quick turn of two little levers, makes the Aquapac range of innovative protective cases for handheld electronic devices 100% waterproof.

Aquion Limited

XCM

A heated all-in-one suit for use by divers, motorcyclists, microlite pilots and general in/out door use.

Arbiter Group plc

Advanced Tuning Percussion

A drum uniquely tuned via a single screw which offers beginners and experts progressive and accurate tuning with rapid head change providing improved sonic quality.

Arjo Limited

Arjo Stedy

Aid to transfer a sedentary patient from bed to chair, and chair to toilet. Eliminates back pain for nurses and encourages participation from patient.

Armstrong Healthcare Limited

EndoAssist

A robotic camera assistant for laparoscopic surgery and provides a valuable third hand for the keyhole surgeon.



Armstrong Medical Limited

Amsorb

Amsorb is a revolutionary alternative to soda lime as a conventional carbon dioxide absorbent during inhalational anaesthesia.

AromaScan plc

MultiSampler-SP

A novel instrument for the electronic detection of aromas and odours, used for the rapid detection of micro-organisms.

Arup

Hulme Arch Bridge

A landmark structure which spans the road which links the city centre with Manchester airport using an arch to carry a deck for pedestrians and vehicles.

Arup

Inland Revenue Building

40,000 sq. m of offices based on the passive design strategy of using thermal mass, solar shading and efficient ventilation both day and night.

Arup

Scottish Exhibition and Conference Centre

Scottish Exhibition and Conference Centre is one of only four conference centres in Europe with 3000 seats, making it one of the largest and one of the most striking with an arching, ridged shell resembling a giant armadillo.

Arup energy

ACE Platforms

The world's first self-installing, removable platform for a range of water depths, offering cost savings and putting construction within grasp of developing countries.

Ashtons Pharmacy Care Services

Medicine-On-Time

Method of helping patients to administer their pharmaceutical prescriptions correctly.

Assisted Conception Unit

The G-Test

The G-Test has been developed as a dynamic test of ovarian function that predicts the suitability of the patient for In-Vitro Fertilisation treatment.

AstraZeneca

Zoladex

A treatment for prostate and breast cancer contained within a sustained release implant, shown to significantly reduce the risk of relapse in cancer patients.



Astron Clinica Limited

SIAscope

A machine that images the component parts of your skin to enable a doctor to diagnose a variety of skin conditions, including cancer.

Astucia UK Limited

Intelligent Road Studs

Designed to reduce accidents by providing drivers with high visibility markers to show the direction of the road ahead.

Asymptote Limited

Asymptote Dedicated Freezers for IVF

Elegant new high-tech equipment for freezing human sperm and embryos in hospital IVF clinics.

ATL Agricultural Technology Limited

ATL Auto-Identification System

An electronic ear-tagging method of identifying and monitoring cattle movements.

ATOM Limited

AniBod

Animated mannequin that combines sound, an internally projected image of a face and three-way head movement.

Attica Interactive Limited

Wannabe A Pop Star

An interactive multimedia CD-ROM that enables teenagers to create songs in an enjoyable way, without needing to understand or read music.

AudioRom Limited

AudioRom ShiftControl Interactive Music

Enhanced compact disc: a CD that plays audio tracks which can also be placed onto a Mac or PC so that the user can rearrange the music via innovative interfaces.

Autochair Limited

Parking Deterrents

'Hawk' and 'Minder' parking deterrents monitor vehicles entering restricted parking zones and advise drivers by speech of the restriction. They are 95% effective in eliminating abuse.

Automatic Tuning Developments Limited

Automatic Tuner

An economically viable automatic musical instrument tuner, enabling the player to retune their instrument instantly.



Avanti Architects Limited

The ACAD Centre at Central Middlesex Hospital

Provides patient focused high-tech walk-in, walk-out diagnosis and treatment in a technically innovative and architecturally inspirational building.

Avery Associates

BFI London IMAX Cinema Building

A new cinema building housing the UK's largest cinema screen for large format IMAX projection systems.

Avery Associates

No 1 Neathouse Place

The reconstruction of a redundant, 12-storey 1960s office block spanning a busy route into central London by creating a new, suspended glass entrance structure, extended floor slabs and relocated staircases to increase floor area, and replacement of services.



B&H Liquid Crystal Devices Limited

Baby Safety Feeding Spoon

A reusable plastic spoon which reveals when heated or microwaved food is too hot to feed a baby, by brightly changing colour above a specific temperature.

B&W Loudspeakers

NautilusTM

A loudspeaker that through design and technology significantly increases performance over conventional loudspeakers.

B&W Loudspeakers

NautilusTM 801

High performance loudspeaker range

B8 Limited

Quilt Cover

A three-seam opening quilt cover that is easier to put on and take off than a conventional cover.

Babcock Rosyth Industries

Mega3TM

Intermodal 'Piggyback' rail wagon designed to carry truck semi-trailers, ISO containers and non-ISO swap bodies on rail, maximising carrying capacity within existing UK rail gauge constraints.



Baco Contracts (British Aluminium Limited)

Aluminium Bridge Windshielding

A combined windshield and parapet for use on bridges and in use on the new Severn River crossing.

BAE SYSTEMS

Virtual Avionics Rig

This product is the first ever avionics rig to be developed with sufficient performance and fidelity to replace real equipment used in traditional avionics rig testing.

BAE SYSTEMS

Adjustable Size Annular Retaining Assembly (Segmented Nut)

A collapsible nut for use in confined engineering situations. The nut folds to pass through the hole where the part that will screw into it fits.

BAE SYSTEMS

Airbus A340-500/-600 Wing

The Airbus A340-500 and A340-600 are equipped with a common wing providing the world's longest-range airliner at 15,800km and the largest Airbus aircraft at 380 seats respectively.

BAE SYSTEMS

Silicon Gyroscope

The world's first micromachined silicon ring gyroscope. Its low cost opens a new range of uses, from advanced vehicle braking systems to 3D computer mice.

BAE SYSTEMS

SAMPSON

A multi function active array naval radar which performs functions hitherto requiring two or more separate radars whilst remaining virtually immune to jamming.

BAE SYSTEMS

3D Table

This product enables customers to visualise complex and dynamic simulated environments on a table-top screen as a real time stereoscopic 'miniature world'.

BAE SYSTEMS

Skeleton Bobsled

An innovative, radical and technologically advanced one person bobsled that has been developed for use by the British team in world competitions and the upcoming 2002 Winter Olympic Games, Salt Lake City.



Balcan Engineering Limited
Hypodermic Needle and Syringe Destructor

A manual, safe, hypodermic needle and syringe destruction system for hospitals.

Balcan Engineering Limited
Mark 3 Splitter for Plastic Vials

A device for cutting and emptying plastic vials used in scientific research in a faster, safer and more economical way.

Balcan Engineering Limited
Balcan Emergency Life Line - B.E.L.L.Q model for liferafts

An emergency throwing line that pays out without tangling, is more accurate with a longer reach than the quoit and line traditionally specified for life rafts.

Ball & Young
Cloud 9 Carpet Underlays

Providing luxury and comfort underfoot with high performance carpet support - three times lighter than conventional rubber underlays, easy and safe to lift and cheaper to transport.

Bank of Scotland
Bank of Scotland Shared Appreciation Mortgage

A mortgage which allows you to release cash tied up in your house for 0% interest payments, in return, for a share in any appreciation in value from the sale of the home.

Barcode Mill
Barcode Mill

A software tool enabling barcodes to be created dynamically on an Internet Web Site. This facilitates e-commerce and document identification.

Baxi Heating Limited
Baxi Barcelona

A single gas central heating boiler suited to all sizes of domestic property and offering users outstanding economy along with environmental benefit of lower emissions of pollutants.

BBC Online
BBC Online

The BBC's website at www.bbc.co.uk launched in December 1997 is already the UK's number one content site with news, information and education on over 75,000 pages.



Beacon Print Limited

pureprint

A technologically advanced and ecologically sound printing system which eliminates the use of water and alcohol achieving superior quality over conventional lithographic printing.

BEDE Scientific Instruments Limited

Microsource® X-ray Generator

A low-powered, scaled-down x-ray generating unit that uses new optical technology to provide an efficient source of x-rays.

Bedouin (UK) Limited

Mossi-Pod Combi

A free-standing lightweight fully enclosed mosquito/midge tent for use indoors or outdoors which converts to a waterproof bivi-tent when required.

Berghaus Limited

Nitro Rucksack

A rucksack designed to remain stable on the wearer's back during all types of sporting activities.

BG Technology

Elastic Wave Crack Detection System

EWCDs is a unit used to detect cracks in underground gas and oil pipes.

Bicotest Limited

VIXXON S3000

A system for locating faults in electricity cables.

Bicotest Limited

Lexxi T810

A handheld cable fault locator, specifically designed for ease of use on a vast range of cable types, including power, telecommunications and cable TV.

Binstead Designs Limited

Proximity Sensing Touchscreen

A thin transparent film which senses the position of a person's finger through very thick glass - used as a touchscreen operating through shop windows.

Bio-Logic Remediation Limited

Bioremediation of Contaminated Land

Bio-Logic cleans up contaminated land using microbes which 'eat' pollutants such as oils and tars, allowing sites such as former gasworks and oil refineries to be recycled.



Biocompatibles

Proclear Compatibles

Monthly disposable contact lens containing Phosphorylcholine (PC) which makes them healthier and more comfortable.

Biomet Merck Limited

Oxford Unicompartmental Knee Phase 3

Knee replacement Implant. This procedure is minimally invasive and may be performed as a day case surgery, facilitating substantial cost savings to hospitals.

BioProgress Limited

Harmonies

The only flushable and biodegradable sanitary towel.

Bioprogress Technology Limited

XGel™

Soft capsule production machinery with novel shell materials.

Biosurgical Research Unit (SMTL)

LarvE

Sterile larvae of *Lucilia sericata*, the common greenbottle fly, for use in the management of wounds containing dead or infected tissue.

Birmingham Citywatch Limited

Birmingham Beacon

A 7 metre tapered triangular stainless steel illuminated street sculpture is a communication focus supporting CCTV camera, direction fingers, cell phone base station and future interactive visual displays.

Bisque Limited

Hot Springs

A sleek continuous coil steel tube radiator which is both beautiful and functional.

Black & Decker

Quattro VP2000

A cordless multifunctional tool for consumers. This ergonomically designed product can drill, screwdrive, saw and sand. It is offered in a stylish all inclusive kit box.

BMT Marine Information Systems Limited

Search and Rescue Information System (SARIS)

A new-generation software tool for predicting search areas for people and boats lost at sea.



Board-a-Line Limited

Emergency Shelter

A lightweight emergency shelter made from durable polypropylene that is easily assembled from flat pack form requiring no tools or fixings, for use in emergency disaster relief worldwide.

Body Positive

Body Positive

Body Positive brings a new professionalism to helping HIV-positive people. The new Soho centre offers a wide range of top-quality support and facilities - a first for the HIV positive community.

Bombardier Aerospace - Shorts

Thrust Reverser

This device slows the CRJ-700 Aircraft during landing or emergency, by reversing engine thrust direction. It forms an integral part of the engine nacelle structure.

Bookham Technology Limited

ASOC Optical Fibre Components

ASOC Optical Fibre Components are integral to the conversion of light into digital information for transmission along fibre optic cables.

Boosey and Hawkes Music Publishers Limited

Buy a Band

Innovative interactive play-along music at 'pocket money' price. Includes a clever but simple software programme that allows musicians, from beginners to advanced, to customise backing tracks suited to their own tastes and abilities.

Boots Dentalcare Limited

Boots Dentalcare Dental Practices

Boots Dentalcare is a full service, family focused, new dentistry offer pilot scheme, initiated by Boots the Chemist. The pilot has been so well received by patients that another 50 practices are scheduled to open next year.

Bowcom Limited

BOWDRY

A device to lift standing water from any surface to enable immediate ground use, maintenance operations or flood clearance to commence in any conditions.

BP Amoco plc

Solar Powered Service Station Canopy

The solar powered canopy converts daylight to electricity which is used to supplement mains supplied power used on the service station forecourts.



bpi.agri

Silotite X-Pel

A bird and rodent deterrent silage wrapping film.

BRE

Environmental Building

An ultra-efficient, highly innovative building, setting the standards for the twenty-first century in which minimum environmental impact will be critical.

Brian McKean Associates Limited

Mag-Latch

A bi-stable magnetic actuator with an armature (metal block) held magnetically in one position - there are two coils and when one is switched, the armature changes position.

Bridge Musical Instruments Limited

Electric Violins, Cellos and Double Basses

String instruments made from kevlar and carbon fibre, featuring a unique active pickup system, producing unrivalled sound and power.

Bridgedale 2000 Limited

GTX Summit

Technical walking sock designed specifically for expedition use inside 'Gore-Tex' lined footwear.

Brintons Limited

Spotlight

A yarn colour palette offering fine stipple carpet yarns for use in stock and custom contract designs to enhance design styling and create differentiating and highly original effects.

Britax Excelsior Limited

Traveller Plus

A car seat designed to provide special needs children aged between 3 and 11 with safety and support.

British Airways

First

First and the bed in the sky is British Airways' unique living environment for long haul premium passengers.

British Broadcasting Corporation

BBC Digital Radio

BBC Digital Radio is to analogue radio (the system used at present) what CDs are to vinyl records. Crystal clear sound with no interference.



British Broadcasting Corporation

Walking with Dinosaurs

A six-part television series presenting a natural history of dinosaurs using state-of-the-art digital effects to create a lifelike simulation of the animals and the world as it existed over 65 million years ago.

British International Trading Corporation Ltd.

POSTLIFT

This device is acclaimed as a world leader for removing metal, concrete and wood posts from the ground without physical exertion and/or damage to the landscape.

British Steel plc

Slimdek

The first new sections shape for 40 years and is a combination of beam and floor slab/deck for use in building construction.

British Waterways

Floating Bridge

A footbridge spanning West India Quay in London Dockland.

British Waterways

South Quay Footbridge

A simple cable swing rotating bridge, linking residential and business areas in Docklands.

Brook Crompton

W High Efficiency Electric Motor

Developed from a new type of steel with improved magnetic qualities.

BT plc

Relate 1500 Caller Display & Call Waiting Telephone

The Relate 1500 is the first phone on the market to allow access to Caller-ID with Call Waiting.

BTG plc / Moor Instruments Limited

Laser Doppler Imager

A scanning laser which for the first time, is able to provide images of blood flow over large areas of the body and just below the skin.

Bursford Associates Limited

Bursford AeroDome

Aerodynamic headfaring helmet for cyclists. Designed and manufactured from advanced carbon composite materials and with unique super slipper dimpled surfaces.



Business Lines Limited

Checkpoint and Checktag

These are unique, highly coloured tags which are attached to wheel nuts of heavy goods vehicles to indicate when individual nuts are loose.

Bute Fabrics Limited

Argyll - CF727

Argyll is a highly durable wool upholstery textile available in a Pan-European palette of eighteen tonal groupings, for domestic and commercial application.



C T P Coil Limited

Visual Tracking Magnifier

An innovation for visual dyslexia consisting of a bright field spherical magnifier with a central band of vision and light filter reduction above and below the band.

Caley Ocean Systems

Caley Rescue Boat System

This is a rescue boat system designed to ensure ferries have highly effective sea-rescue capabilities. The rescue boats can be launched and recovered in all weathers using a heave compensated davit arm.

CAlibre Airline Services Limited

S.P.A.C.E. Software

To assist airlines and caterers load aircraft for maximum efficiency and minimum wastage. Menu and equipment management for maximum efficiency and minimum wastage.

California Cake and Cookie Limited

96% Fat Free Carrot Cake

An added-value, high-quality 96% fat-free cake which gives the same flavour and sensation consistent with a standard full-fat cake.

Calluna Technology Limited

IGB CallunacardTM (model CT1040RM)

A miniature hard disk drive using magnetic recording technology to provide a removable and transportable data storage device with a capacity of 1040 megabytes.

Calluna Technology Limited

moveIT

A 260 MB capacity miniature hard disk drive for laptops, etc, using magnetic recording technology to provide a removable data storage device in a type II PC card format.



Calluna Technology Limited

PC Bodyguard

A hardware security product which uses an independent microprocessor to protect PCs from attack by hackers or viruses and to prevent system corruption.

CAMAS Building Materials

Charcon Access Kerb

A high kerb with a unique profile that allows easy, level and unaided access for disabled wheelchair users to low floor buses.

Cambridge Adaptive Communication

Cameleon CV

A portable combination of computer system, touchscreen and voice synthesiser, providing assistive technology for people with disabilities.

Cambridge Antibody Technology Group Plc

ProAb

Uses antibodies and advanced information systems to provide an integrated solution to the problem of linking genomic data to human proteins in health and disease. Could help speed up drug discovery.

Cambridge Antibody Technology Group Plc

CAT Library

Recreates the human immune system in a test tube - containing over 100 billion different antibodies for use in drug discovery, research and development.

Cambridge Neurotechnology Limited

Actiwatch Monitors

Actiwatch Monitors are small wrist-worn activity measuring devices. Together with accompanying software they are used in neurological, psychiatric and sleep research and medicine.

Camlock Systems plc

Octagon Lock

A type of cabinet lock designed to improve security by preventing unauthorised key duplication. (Already specified for use in Millennium Dome.)

Cannon Avent Group plc

Avent ISIS Breast Pump

A device aimed at breast feeding mothers which emulates the way children suckle the breast.

Carbospars Limited

AeroRig® Production Series

A free-standing, rotating, carbon-fibre rig system for sailing yachts of all sizes which is aerodynamically efficient, simple and safe to use.

Carcoon Storage Systems Limited

Carcoon

The 'Carcoon' provides a self erecting ventilated enclosure completely isolating infrequently used vehicles in a protective environment. Resulting in greatly reduced maintenance costs and less wastage. Designed to protect motoring heritage far into the next millennium

Cardboard Carpenters 2000 Limited

Squeeze Box

Squeeze Box is a self-closing box opened by squeezing the sides - that can hold a variety of products in dry or liquid forms.

Cardionetics Limited

C.Net2000

The C.Net2000 is a portable heart monitor designed to allow general practitioners to carry out cardiac investigation of their patients over a 24 hour period.

CardioTech International Limited

Vasculink Vascular Access Graft

This product was designed to enable earlier clinical use and less blood loss from needle puncture sites than current products produced in the USA.

Carrington Performance Fabrics

NH001

An exciting new product range that offers environmentally sound alternatives to PVC using innovative technology developed with DuPont.

Castle Projects

Castor Steering Device

A manual locking device fitted to a shopping trolley to provide steering and better control, especially of heavily laden trolleys.

CCC Technology Limited

FreeVision X Server Management System

A switching device, capable of managing information and video services for a large number of users and services.



CD Live Limited

Français Actuel

An online service for learning French by accessing French current affairs and lifestyle via the Internet. Using an innovative combination of CD-ROM /Internet technology, it offers a new opportunity for cultural exchange.

CDT LTD.

Light Emitting Plastics

Flat, flexible, plastic TV screens, using light emitting polymers to generate images. Set to change the way information is displayed, from hoarding advertisements to safety signage.

Cellnet

Genie

An Internet based free information service that delivers personalised news directly to the user's mobile phone or e-mail address.

Cellnet

Cellnet Traffic Line

A service providing in-car, location-specific information on traffic on Britain's motorways by linking Cellnet's digital network with the Trafficmaster network of motorway sensors.

Cellnet

Cellnet Dictation Line

A "world first" service, Cellnet Dictation Line allows users to send e-mails, faxes and memos via a mobileCellnet phone.

Celsis International plc

systemSURE

An electronic analysis instrument used to provide instant checks on hygiene levels in food processing and healthcare industries.

Centrepoint

Virtual Homelessness

An interactive website game which offers young people considering leaving home a sharp insight into the realities of homelessness.

Centurfax plc

CCDot

Totally UK developed, CCDot is a new concept for quality control of film, plates and paper within the printing industry, utilising unique digital techniques.

Chanctonbury Consultants Limited

PG60 Permit-to-drive

Access control and logging to document truck usage, with individual non-contacting driver's keys.



Charanga Limited

GuitarCoach

GuitarCoach is an award winning CD-Rom which gives people of all ages and abilities the chance to learn guitar using their home or school PC.

Chas A Blatchford & Sons Limited

IP+

An intelligent prosthetic limb that adapts to an individual's walking speed and specific disability.

Chelsea Instruments Limited

FASTtracka

An oceanic scientific instrument that measures fluorescence levels in phytoplankton.

CHEP UK Limited

MultiRetailer™ Loose Mushroom Tray

The design, supply, washing and control of a specific reusable item of transit packaging used in the highly complex loose mushroom retail supply chain.

Chetwood Associates

Sainsburys Low Energy Supermarket on the Greenwich Peninsula

Sainsbury's low energy store aims to reduce energy consumption by up to 50%. The systems in the store aim to preserve scant fossil fuel resources such as oil and gas and reduce damaging emissions such as carbon dioxide.

Chubb Fire Limited

HydroSpray Elite

This represents an innovative development in the design and performance of fire extinguishers.

Chubb Security Installations Limited

Metro Walling

Metro Walling is a secure, modular lightweight walling system which is versatile and demountable. It is made with unique materials and is accredited to European standards.

Circus Architects

Mobile Cinema

A cinema-in-a-lorry which seats 110 people and provides isolated communities with the chance to experience the latest film releases.

Cityspace Retec Limited

The Courtesy Counter

A counter or retail serving desk facilitating the needs of disabled customers of banks, post office and retail environments.



Civil Defence Supply

Dragon Max

Area lighting system capable of more than 7 hours use. Designed for emergency use world-wide. Gives the power of fossil fuel generated light without pollution and without noise.

Civil Engineered Products Limited

Rotherbar

Valuable metal savings - up to 40% - are achieved by the deposit welding of ribs and threads on to plain stainless steel bar. Patented worldwide with many applications in the construction industry.

Clarifoil - a member of the Acordis Group

Clarifoil 20 Cellulose Acetate Film

A clear flame-retardant film which in panel form provides excellent insulation, weight and fuel savings without the airborne fibre or toxicity risks of alternatives.

Class Instrumentation Limited

Touchstone 3

Combined ultrasonic and coating thickness gauge that simultaneously measures and displays both coating and steel thickness. It is used for the critical evaluation of ship structures that are liable to corrode to enable marine safety inspectors to assess remaining hull thickness.

Cleansorb Limited

Arcasolve HA

A method to stimulate oil well production by using enzymes to produce acid underground to dissolve the materials present in wells which impede production.

Clearvision Lighting Limited

Virtual Daylight™ Systems

An interior lighting system which claims to match natural sunlight to 98%, reducing the stress and fatigue within offices.

Clifton Bases and Guitars

Clifton Upright Bass

An ergonomically designed electric upright bass for ease of travelling and use where an acoustic double bass is unsuitable.

Climate Care

Climate Care

A service to companies and consumers to repair the damage to the planet from global warming caused by their activities or purchases.



CMC Group plc

Market.Maker

Real-time Internet trading software for foreign exchange, futures, options and shares. Providing prices, data and news free of charge 24 hours a day to a worldwide network.

Coherent Optics Europe Limited

Circular Variable Filters for Intelligent Lighting

Continuously variable colour filter wheels for lighting applications which allow the selection of, and smooth fading between an infinite variety of colours.

Commercial Microbiology Limited

Commercial Microbiology Sidestream™

A device to monitor the development of bacterial films (fouling) on the surfaces of industrial water systems, allowing optimal use of antibacterial (anti-fouling) chemicals.

Concept Chemicals & Coatings Limited

Surf-Ace OE Compound

Rubbing compound for improving paint finishes in automotive, marine and industrial finishing industries. Offers a unique solution to prevent recurrence of scratches following paint surface rectification.

Concoat Limited

Auto-SIR

Automatic electronic device that tests reliability in circuit production assembly.

Construction Resources

Construction Resources

Britain's first ecological building centre distributing state-of-the-art building products and systems, also providing specialist advice, 'hands on' seminars and training.

Contra Vision Limited

Contra Vision See-thru Graphic Products

See-through graphics film with a design on one side, exactly superimposed on fine black dots, lines or perforated material, which provides a clear view from the other side.

Copipe Systems Limited

Subsea Pigging Unit (SPU)

SPU is a remote flow control filter and chemical injection system to test and clean underwater pipelines.



Cormon Limited

Ceion

New ultra-sensitive measurement technology for detecting corrosion and erosion in pipes and tanks. This technology improves safety and the environment, as well as reducing costs to the oil industry.

CorrOcean Limited

FSM-IT (Field Signature Method Inspection Tool)

A non intrusive monitoring/inspection system which can determine very small changes in metallurgy due to corrosion/erosion on pipework etc.

Corrosion and Condition Control Limited

Amulet

A Microsoft Windows 95/NT4 software system and advanced instrumentation to control the cost of corrosion and chemical injection in the oil, gas and chemical industries.

Cozart Bioscience Limited

COZART Rapiscan

A saliva sample is used to test for drugs. The system uses an instrument to display results electronically within five minutes. Particularly useful for police tests at the roadside.

Craghoppers Limited

Dynamic Balance Rucksacks

These rucksacks have 2 major innovations; Dynamic Balance pockets (which reduce fatigue), and the Flow Motion harness that accommodates the dynamic movements of the body.

CRE Group Limited

Downburning Stove

A method of burning solid fuels cheaply and efficiently without smoke.

Creature Labs

Creatures

Entertainment/education software that simulates the development and evolution of highly complex creatures.

Crick Software Limited

Clicker 3

A unique word processing and multimedia computer program which enables children, including those with disabilities, to communicate with whole words, phrases and pictures.

Cubic Transportation Systems Limited

Passenger Gate

A gate to control fast passenger flows through Underground stations whilst controlling and monitoring revenue collection and providing data capture on passenger travel patterns.

Cybamatic Limited
The Cybaman Replicator

A system which integrates a robotic manipulator and optical digitiser to universally position three-dimensionally the presentation of a component, for machining or laser manufacturing, to work on, or replicate an object in 3D.

Cygnus Instruments Limited
Underwater Thickness Gauge with Topside Display

An ultrasonic gauge for measuring the thickness of metal plates underwater at depths of up to 300 metres, with a display on the surface.

D

D.W. Windsor Limited
Optima 500 with Diamond Optic

A stylish high-power exterior road and area luminaire, with customisable shapes incorporating diamond optic, a patented adjustable reflector, significantly improving efficiency.

Daewoo Cars Limited
Daewoo Cars Direct Retail Strategy

Car retail strategy which deals direct with the consumer.

Dalton Lucerne Rare Fibres Limited
Rare Fabrics

High performance textiles made of rare-breed fibres.

Dasic International Limited
Dasic Aerostrip 323

Unique water-based paint remover for the aviation industry.

Datamark Limited
Datamark Dynamic Server (DDS)

A system for putting visible watermarks and invisible security tags into multimedia data in order to safeguard and keep track of copyrighted work.

Davidson Innovation
Easyrad

This tilting radiator system incorporates an 'O'-ring fitting that allows the radiator to tilt forward, making decorating behind it easier.



Davidson Innovation

The BSP Converter

A unique fitting which enables a plumber to convert from a British Standard Pipe (BSP) thread to a piece of tube sealed with an O-ring.

Dawood / Tanner Dental Practice

The Osseocare™

A unique computerised instrument which is capable of inserting and analysing the stability of dental implants, and the dental restorations which they support.

DBT Manufacturing

Dandy Paint Brush and Roller Cleaners

Drill attachments to harness centrifugal force to spin clean and dry paint brushes and rollers in minutes using minimal water and solvents.

De La Rue Cash Systems

Teller Cash Dispenser TCD2000

Automated, secure cash dispenser for use by tellers in banks, etc. TCD2000's innovative design has made these cash dispensers more compact and less expensive.

Defence Clothing & Textiles Agency

Combat Soldier 95 Clothing Systems

The first military clothing system which integrates and co-ordinates 'from the skin out' up to eight compatible garments for use in diverse military and climatic conditions.

Dentron Limited

Dentron Biogun

This 'electronic antibiotic' kills the microbes causing tooth decay, athlete's foot, verrucas, leg ulcers, thrush, impetigo, gangrene and many other topical skin conditions - painlessly.

DERA

FireAnt

FireAnt is a pyrotechnic mine clearance system for use against anti-personnel and anti-tank mines for humanitarian de-mining.

Design Bridge Structure/Design Stream

Tea Bird

Unique tea machine which makes fresh leaf tea brewed in 4 individual cup-sized vessels in half the normal time, centrepiece for a hospitality retail brand.

Design for Life Centre

The KITE Harness

Facilitates disabled people's participation in abseiling, caving and climbing by providing a secure and easily fitted harness. Assists with safe and comfortable moving and handling.

Design for Life Centre

AQUABAC Postural Support

Provides full postural support for spinally injured water sports participant. It enables them to take to the water straight away.

Design for Life Centre

Nasal Masks for Pre-term babies

Anon-invasive active CPAP respiratory device catering for the sensitive needs of a pre-term infant.

Diagnology

POCKit HSV-2 Rapid Test

A 6 minute test that detects antibodies to HSV2 in blood or serum. It should be used in the diagnosis of infection due to Herpes simplex virus Type 2 (HSV2).

Diagnostic Monitoring Systems Limited

Intelligent UHF Systems

Ultra-high frequency monitoring systems used in gas insulated electricity substations to provide early warning of mechanical failure.

Diametrics Medical Limited

Neotrend

A tiny sensor which continuously measures a premature baby's blood gases giving doctors warnings which can help prevent brain/lung damage and other serious complications.

Digital Cow

SKINS

An ergonomically designed digital hand drum that challenges traditional methods of composing and performing electronic music by combining advanced MIDI sound generation with real time sequencing.

Digital Projection International plc

Digital Projection Power Displays

Digital Projection are manufacturers of a range of high brightness/large format digital projectors, utilised in the staging and rental, film and broadcast industries.

Dixon International Group Limited

FireGlaze Butt-Jointed Seals

FireGlaze butt-jointed glazing seals form an undetectable gasket around fire safety glass, enabling it to hold fire back for 30 minutes.

Dixon International Group Limited

FireFace Membranes

A thin, undetectable membrane which upgrades period timber doors to 30 minutes fire resistance, without damaging the original fabric of the door.

Dixon International Group Limited

FireGlaze 2000 Fire Glazing Seals

Specialised gaskets which extend the ability of fire safety glass to contain fire by 30-40 minutes and the first to give 60 minutes in softwood.

Dixon International Group Limited

FireGlaze Glass Fire Door Seals

Specialised gaskets which extend the ability of fire safety glass to contain fire - making possible the world's first glass fire doors.

Document S.O.S

Document S.O.S

The salvage and restoration of documents, business records, books and archives damaged by fire, flood and bomb.

Dok-Tek Systems Limited

LED Array Traffic Light

For use on loading docks etc. Saves energy and reduces risk of accidents from lamp failures.

Dollond & Aitchison

Styleyes

The Dollond & Aitchison's Styleyes service takes into account an individual's features, colouring, personality and lifestyle to help them select the perfect pair of frames.

Domino UK Limited

DDC2 Laser Printer

A sealed CO2 laser printer system for industrial coding and marking.

domnick hunter limited

MAXIGAS nitrogen generator

A nitrogen generator that enables the on-site production of nitrogen gas from compressed air as an alternative to the traditional supply from high pressure bottles and tankers.



Don Whitley Scientific Limited

Modular Atmosphere Controlled System (MACS)

MACS is a modularised and upgradeable anaerobic workstation for use in laboratories.

Don Whitley Scientific Limited

Whitley Automatic Spiral Plater MKII

Spiral platers which deposit accurate volumes of microbiological sample, for use predominantly in tests to determine safe levels of bacteria in food.

Doorsafe Products Limited

PivotSafe

A unique guard which prevents fingers being trapped in pivoting doors.

Dorgard Limited

Dorgard

Wireless system to release fire doors and make them close when a fire alarm sounds.

Dorling Kindersley / Nubble Partnership Limited

Number Quest

Unique family board game which makes numbers fun, whilst developing mathematical skills. For use in home or school. This is the numbers equivalent of scrabble, involving a patented new device.

Doyle International Limited

The DIL DEFENDER Knee Brace

A multi-user/multifunctional knee brace/protector. Mimics the natural movements of the knee. Appropriate for Roller Bladers, BMX and Motorbike riders.

Drew Scientific Group plc

DS30 Hcy Homocysteine Analyser

The product measures homocysteine in human blood to assist in the assessment of the patient's risk of developing coronary heart disease.

DRS Hadland Limited

Imacon 468 Ultra High Speed Camera

Imaging camera for scientific and industrial research and capable of capturing images at rates of 100,000,000 per second.

Druck Limited

Precision Pressure Controller DPI 515

Allows a user or computer to generate a specified pressure with extremely high precision and stability for test and calibration purposes.



dsTEC Limited

Original Syn

Original Syn is a high quality rack mounted musical instrument combining the best of analogue synthesis and digital control.

Dualit Limited

Range of ProHeat Toasters

Bread or Sandwich toaster with a new style of heating element that doesn't suffer from easy damage. Some other toasters have bare wires which can catch the bread.

Dulas Limited

Flowstream

A lightweight instrument for measuring the volumetric flow rate in fast flowing turbulent streams.

Dumfries Plastics Recycling Limited

Plaswood

Manufactured predominantly using very dirty and previously non-recyclable polythene such as silage film and farm waste. The waste is washed, sorted and blended, and used as a wood replacement.

Dundrum Bay Oyster Fishery

ROTOR

A new concept in oyster farming with oyster seeds growing in containers mounted in a drum which is turned twice a day by the rising tide through a lever and float mechanism.

Dunlop Hotta

Perimeter P700X and P700 Club

The Perimeter P700X and P700 Club use new frame manufacturing techniques to provide improved aerodynamics in Dunlop Hotta's latest 'leading edge' competition bicycles.

Dynamic Healthcare Limited

Ossy Levered Outrigger Splint

A medical correction device allowing use of limbs impaired by a medical condition following injury or stroke. The current hand device will be followed by products for wrist, arm and foot.

Dyson Appliances Limited

Dyson Dual Cyclone™ DC02

The DC02 is a bagless vacuum cleaner which uses 'dual-cyclone' technology to increase performance.



Dyson Appliances Limited
Dyson Dual Cyclone™ DC03 Vacuum Cleaner

The DC03 has no bag and no loss of suction with a brush that turns on or off in use making it suitable for all floor coverings.



EABiotech
EA-Wax

An innovative process which dramatically improves the efficiency of detecting radionuclides such as tritium and carbon 14 on a flat matrix.

Easi-Dec Access Systems Limited
Stairmate®

Stairmate is a compact steel constructed platform, which is fully adjustable to support a normal ladder providing safe access when working over a staircase.

EasiBuild Systems Limited
Rapid Response Unit

Quick-assembly, reusable and fully insulated emergency home with derivatives; classrooms, medical centres, worker camps, kitchens, canteens etc.

Easycarton Limited
Easycarton Ring Pull

A ring pull attached to the carton during manufacture which enables a gable-top carton to be opened easily.

ECHA Microbiology Limited
Smartgel

The first quantitative on-site test for detecting microbiological contamination of fuel for use by chemists and engineers to monitor fuel quality or investigate problems.

Echopilot Limited
Echopilot Forward Looking Sounder Compact

Most echo sounders only tell the user the water depth below the boat - when it's already too shallow. The Echopilot looks ahead of the boat, and delivers images in real time.

Eco Solutions Limited
Home Strip

A water-based product for removing paint and varnish, providing an alternative approach to traditional solvent-based products.



Economatics (Education) Limited

PIC-Logicator

The product allows secondary school students to write a software control program and download this to a microchip for use in their design and technology projects.

EDM Spanwall Limited

Stealthwall

A lightweight wall cladding panel system which absorbs air traffic control radar signals, thus revolutionising the opportunities for buildings on an airport complex.

Edward Cullinan Architects

Archaeolink Visitor Centre

This centre combines a unique building design with a new approach to interpreting pre-history.

Eidos Interactive/Core Design Limited

Tomb Raider I and II

State-of-the-art action/adventure games (PC and PlayStation) in which the player assumes the role of infamous adventurer, Lara Croft.

Electrotextiles Limited

ElecTex™

Innovative smart fabrics of conductive and traditional fibres woven together. Fabrics are lightweight, high resolution, touch and pressure sensitive and conform to any 3D shape. Opens the possibility to 'electronic' clothes, roll-up keyboards, etc.

Elementis Chromium

CA21

A unique crystal form of the toxic chemical chromic acid. Unlike the traditional flake form, CA21 is dust-free, chemically pure and free flowing, making handling safer and chromium plating more efficient.

Elementis Pigments - Durham

NANOX Zinc Oxide

A new form of zinc oxide which is transparent to visible light but opaque to UV light. It is used as a vital ingredient in cosmetics, sunscreens, polymers and coatings to protect from harmful ultra violet light.

Eli Lilly and Company Limited

Zyprexa (Olanzapine)

A medicine for more effective treatment of schizophrenia with reduced side effects.



Englands

Doctors Jacket

Self inflating life jacket for use by fishermen.

Englands

Highlander Range

A multifunctional lifesaving garment capable of use in a variety of weather conditions, automatically inflating on water immersion.

Enigma (UK) Limited

Enigma Nimrod

Effective elimination of Legionella and biofilm breeding grounds by delivering a remarkable new technology capable of providing powerful yet environmentally safe novel biocides.

Envair Limited

Envair Micro-Iso MK 2

A miniaturised clean air environment which offers portable product/ operator/ environmental protection for drug dispensing operations, normally in hospitals.

Environmental Instruments

Airwatch PM1500 CO2 Monitor

This monitor constantly measures the concentration of ambient CO2 by infrared absorption and warns the wearer if dangerous conditions exist.

Environmental Polymers Group plc

depart®

Plastic which is water-soluble and biodegradable. Based upon polyvinyl alcohol, exhibiting a unique balance of properties. Ability to customise properties for a variety of novel applications.

Envirotreast Limited

Envirotreast Process

Contaminated land remediation technology and method of application. Incorporates the use of specially modified clays (E-clays) which are capable of treating a range of pollutants.

Epsom Buses

Quality Line

Quality line is a branded bus service designed to actually deliver a travelling experience comparable with the ideals of a public transport orientated society.

Equine Electronics

Foal Alert

An electronic device for detecting and alerting when birth in mares is imminent.



ESRI (UK) / University of Glamorgan

Maplex

Maplex is a computer program for cartographic design with fully automatic labelling of map features according to user specifications, ensuring clarity and legibility of text.

EssRoof Systems Limited

EssPanel Roof

Prefabricated, factory made, stress-skin panelled roofing system designed to create 100% usable roof space that is wind resistant and watertight on site within a few hours.

Euro Chemical Control plc

Devex - Developer Recycling System

An active filtration system enabling developer used in the processing of film, to be reused four times as opposed to the traditional once.

Euro Chemical Control plc

ETM Fixer Management System

Reduces chemical consumption by up to 75% by combining the recycling of film processing chemistry with electrolytic silver recovery.

Eurolounge

Jack

An internally lit object made of low density polyethylene that can be used in a variety of domestic situations as a floor lamp, seat or table.

Europa Aircraft Limited

Europa XS

A light aircraft which offers speed, economy and performance and can be stored on a trailer in your garage.

Eurostar (UK) Limited

Eurostar

The international train service linking England, France and Belgium.

Event Systems Limited

RollaRoad

RollaRoad is a temporary, heavy duty access road system made from high density polyethylene incorporating a unique X-tra grip feature for use by pedestrians.

Exosect Limited

ExoFly Trap

The ExoFly Trap uses novel environmentally friendly technology to solve the global problem of controlling house fly infestation in the commercial food production and processing industries.



Exosect Limited

ExoSex Bait Station

This insect population control device uses electrostatic powders to deliver natural pesticides or pheromones for use in crop protection and public health.

Expert Control Systems Limited

Expert Control System

A groundbreaking computer system that allows an unskilled workers to set up machine tools for complicated milling processes, using a touchscreen.

F

Farmer Controls plc

Envirovent

A whole house ventilation system with or without heat recovery which is located in the loft and ventilates the whole house with filtered air via directional diffuser.

FAS Medical Limited

Endoluminal Brush

A sterile device which allows the assessment of the microbial status of the inside of a catheter without the catheter being removed from the patient.

Fast Engineering Limited

Fastank®5

Fastank®- 5 - an easily transported and simply assembled liquid storage container with new suspension system to accommodate uneven or sloping ground - vital for emergency use.

Fearn (Truck Bodies) Limited

Three Valleys Access Barrier

A gateway designed to give access to wheelchair users on pathways and countryside trails whilst restricting the use of unwanted motorcycles.

Fenson and Company Limited

POSTSAVER

A heat-shrunk thermoplastic boot system applied to the in-ground section of fence posts and poles to prevent decay.

Fernlink 2000 Limited

Millennium BIOS Board

A card which slots inside a computer and enables the computer to be year 2000 compliant.



Ferno (UK) Limited

Sirocco Easy Transfer System

Easy Transfer System chair for the smooth and easy transportation of patients which eliminates the need for lifting.

Ferranti Technologies Limited

VCS

VCS is believed to be the world's first commercially viable eye-tracking system that integrates miniature CMOS camera technology with holographic optics.

Ferrograph Limited

Ruggedised Plasma 42

Flat-screen, full colour plasma public information display in IP55 protective enclosure and mounting system.

Fillcrete Limited

Tradis

It's now possible to build a complete house in a day, using this range of factory-manufactured, highly insulated building panels.

Finger Protector (UK) Limited

Finger Protector®

A door safety device which completely covers the open hinged side of a door to prevent fingers being crushed or injured.

First Technicare Limited

Tri-Pos3

Tri-Pos3 is an electronic inflatable mattress that prevents or treats bedsores on bed bound patients. It can transform itself to prevent them slipping down the bed.

Fish Guidance Systems Limited

BioAcoustic Fish Fence (BAFF)

A non-physical fish barrier that uses a sonic bubble curtain to guide fish to safety at power station, hydro-electric and water supply intakes.

Flow Control Water Conservation Limited

Siphonmate

The Siphonmate saves wastage of water in toilet cisterns, also acting as an overflow warning device, discharging the overflow into the WC pan.

Flow Control Water Conservation Limited

Plush Tap

The Plush Tap enables cross head taps to be converted into water-saving push operated taps by simply changing the existing headwork.



Ford Motor Company Limited

Ford Ka

A small car designed to be fun and exciting to drive, with styling, sophistication and features associated with larger cars.

Ford Motor Company Limited

Ford Puma

The first Ford car in Britain designed solely on computer and in record time.

Ford Motor Company Limited

Ford Focus

The Ford Focus features major breakthroughs in handling, comfort, safety and interior space.

Formpave Limited

Storm Water Source Control System

A system allowing surface water to pass through porous concrete pavers into a special sub-base, for cleaning before infiltration into the ground or reuse.

Forticrete Roofing Products

Gemini Concrete Roof Tile

A concrete roof tile, manufactured double the width, with a carefully designed central groove. It replicates and improves on conventional concrete plain roof tiles.

Foster and Partners

Reichstag, The New German Parliament

Conversion of the historic Reichstag into the new parliamentary seat for the Bundestag.

Foster and Partners

American Air Museum in Britain

A museum housing the Imperial War Museum's impressive collection of American Aircraft and recording the American Airforce's role in the Second World War.

Foster and Partners, Architects Designers and Planners

Enercon E-66 Wind Energy Converter

A 100 metre high wind powered electricity generator.

Foster and Partners, Architects Designers and Planners

Motorway Signage System

An elegant system of prefabricated modular design integrating current and developing signage, signal and lighting technologies, incorporating lightweight composite structures and facilitating rapid installation.

**Fracino****Roastilino**

Counter top visual coffee roaster.

Frazer-Nash Consultancy Limited**Non-Invasive Cylinder Contents Indicator**

Allows the internal pressure of a gas cylinder to be measured in a non-invasive way.

Freeplay Energy Europe Limited**Wind Up Freeplay® Radio**

A radio which requires no batteries or mains power to operate, because of its integral wind-up generator.

Freeplay Energy Europe Limited**Freeplay® Self Powered Lantern**

From the makers of the famous 'wind-up radios' comes the second invaluable invention. A fail-safe illumination device, it has wind-up and mains charging units to provide light wherever you are.

Freeze Master Limited**Freeze Master**

The Freeze Master electric machine allows engineers to freeze off water systems rather than drain down, without polluting the atmosphere.

FRIO UK Limited**Frio Cooling Products**

An innovative cooling unit which relies solely on cool water and evaporation to keep medication safe in hot environmental temperatures.

Frontier Products**Sensiglow**

A lamp holder as used on table lamps with a built in electronic on/off dimming circuit and featuring touch-sensitive control.

Froude Consine**Automatic Robot Driver System**

A system used by the automotive industry to replace the human driver when development-testing vehicles and vehicle systems.

FT Technologies Limited**FT702 Ultrasonic Anemometer**

A compact and accurate solid-state wind sensor which offers significant user benefits compared to traditional mechanical anemometers.



Fullard Multi Media Limited

Call Centres - Being The Best

An interactive multimedia learning experience designed to maximise personal and business development for call centre operators, utilising the latest learning theories and technology capable of operating on PCs or the Internet.

Future Systems

NatWest Media Centre, Lords Cricket Ground

A unique state-of-the-art media centre for the world's press at Lord's Cricket Ground. The world's first all-aluminium semi-monocoque building, fabricated and fitted out by a boat builder.

Future Technology Devices International Limited

FT 8U100AX

This integrated circuit facilitates a 'hub' that allows you to plug all your peripherals into one box. Provides all the functionality required to manufacture a seven port USB Hub with the highest level of features in today's market.

G

G. & J.A. Lapwoods

The Husher

A sound moderator for rifles.

Gardner Energy Management Limited

GEM Trap

A completely new energy saving, low maintenance steam trap.

GB Solo Limited

SOLOtic

Fully integrated fire fighting helmet, incorporating communications, face mask, thermal imaging camera and augmented reality viewing optics.

Gecko Head Gear

Gecko Marine Safety Helmet

Lightweight helmet designed for marine use which accepts visors, goggles and communication systems, available in five sizes and a wide range of colours.

Gelplane International Limited

Vacuum Scraper

The handheld hollow scraper is simply connected to a standard vacuum hose. As paint is removed with ease, toxic dust is sucked away immediately.



Genera Technologies Limited

Filta-Max

The Filta-Mix system is a novel capture and recovery filter used for the monitoring of the potentially lethal parasite *Cryptosporidium* in drinking water.

Geodetic Technology International Holdings (UK) Limited

Hexapod

A parallel robot with six legs controlled independently of each other, thereby giving speed, dexterity and stiffness.

Gesek

Eco Flush™

Unique water saving device, variable flushing system, retrofit, low cost, very easy to install by DIY in less than 10 minutes without disconnecting water supply.

Gestation Network

GROW

The Gestation Related Optimal Weight software program produces customised growth curves for the accurate prediction of each individual baby's growth potential during pregnancy. This enables doctors to spot problems early on.

GGs Engineering (Derby) Limited

Steerable Wheel Motor Light Rail & Trams

Lightweight low-cost wheel motor for light rail and trams. The wheels are steered along the track by a computerised sensing system. Each wheel capable of differential speed.

Gilden Research Limited

Smartsound

A noise-adaptive public address processing system ensuring the intelligibility of PA announcements in the presence of unpredictable levels of background noise. It avoids acoustic noise pollution due to PA system sound overspill. Designed for railway stations, airports, etc.

Giltspur Scientific Limited

Cowslips+

Orthopaedic shoes for lame cows which solve the problem of lost production caused by ulcers on the sole of the hoof.

GKN Technology Limited

GKN Composite Disc Joint

A new kind of coupling for power-transmitting drive shafts used throughout the industry with innovative use of composite material giving efficiency and endurance, outperforming all competitors.



Glasay International plc

The Dryce Box®

Made entirely from recyclable cardboard, keeps products frozen for up to 15 hours, for a revolutionary service in the travel catering sector.

Glasdon Group Limited

Retriever Dog Waste Bins

Purpose-designed dog foul containers for streets, parks and open spaces. The system is making a growing contribution to reducing risk to public health.

Glasgow 1999 Festival Company Limited

The Glasgow Collection

By supporting development costs of innovative products, the Glasgow Collection will help manufacturers sustain and create jobs and help stimulate the market for well-designed products.

Glaxo Wellcome plc

Accuhaler

Powder inhaler for the treatment of asthma with a design that ensures a measured dose is delivered to each patient despite differences in breathing ability.

Global Beauty Developments Limited

Wellaformer

Revolutionary tool for curling hair. For the first time in the history of hair, hair can be wound internally within a structure.

Global Marine Systems Limited

Cable & Wireless Vari-Plough

A seabed plough used to lay and bury cables on the seabed in differing soil types, to improve cable protection and life span.

Golfing Warehouse Limited

Jordan Golf Club Shafts

Golf clubs with a gas-injected thermoplastic shaft, which broke the world record for carry of a golf ball in April 1998, just 6 months after launch.

Gollifer Associates Architects

National Glass Centre, Sunderland

The Centre houses glassmaking facilities including factory. Public facilities include 3 galleries, restaurant, shop and glass roof plateau. Features heat reclamation plus natural cooling and ventilation.

Good Designs

Balance Trainer Bicycle Stabilisers

Stabilisers which greatly assist children (including some disabled children) in the difficult process of learning to balance on a bicycle, by practice using three extra inward-moved wheel positions.



Gorix Limited

Gorix

A textile that conducts electricity with many uses, including flexible heating elements, temperature and pressure sensors and electrical switches.

Gorix Limited

INFERN-O-VOX Intelligent Fire-Door

A fire door that is capable of initiating an alarm system or of delivering a warning message of a fire beyond.

Gorix Limited

Infra-Therm Power Blanket

A safe, portable, waterproof, electrically heated blanket for warming casualties at the scenes of accidents. The system can run from either batteries or ambulance supply.

Greenfinch Limited

Organic Waste Hydrosphere

A natural and environmentally benign process for the sustainable recycling of source-segregated organic household waste and the production of renewable energy.

Guardian Link Limited

Celldata

A sealed lead-acid stand-by battery cell condition or 'state of charge' analyser.

Guildhall School of Music & Drama

The Essential String Method

An innovative teaching resource designed to create a new ethos for instrumental learning for 4-10 year olds, consisting of 20 books produced in conjunction with Boosey & Hawkes covering violin, viola, cello and double bass.

Gypsum Systems Limited

Angle Retaining Clip

The product is produced from a blank sheet of spring steel and pressed to form a clip which retains a steel angle on beams and columns.



H. W. Wallace & Company Limited

Moving Die Rheometer, D15

Measures change in stiffness of a rubber compound when heated and compressed. Manufacturers continuously monitor this characteristic to ensure they're moulding good quality products.



Hairnet

Hairnet

Computer and Internet training for the over 50s. Hairnet is a jargon-free, hands-on education initiative for older students with little or no experience of IT.

Hallmark Group

Mul T Lock Maxima System

A high-security locking system which uses a standard padlock and converts it into one of the highest security locks available today.

Handicarri

Handicarri

A synthetic moulded handle attached to plastic shopping bags that makes carrying heavy bags more comfortable.

Hardy Advanced Composites

TELEcane

A lightweight telescopic cane for use by the visually impaired which shrinks to the size of a pen and replaces the traditional snap-together cane.

Hari-Rama Limited

Indian Languages Word Processor

Computer software for phonetic word processing in Hindi, Sanskrit, Gujarati, Punjabi, Bengali, Marathi, Nepalese and Assamese.

Hartana Developments Limited

Wave Sound

A new therapeutic musical instrument with electronically produced music played by interrupting infrared beams within an integral space frame.

Havant Borough Council

Langstone Oysterbeds

Clearance of builders' waste from site of special scientific interest and restoration for nature conservation and informal recreation.

Hawtal Whiting Environmental Limited

EVEC

An emission control device that reduces CO (carbon monoxide) by up to 68% and HC (hydrocarbons) by up to 24% and improves the engine's combustion efficiency.

Heathrow Express

Heathrow Express

A new, high-speed rail link, the Heathrow Express runs every 15 minutes between Paddington Station, London and Heathrow, the world's leading international airport.



Helen David English Eccentrics

Pierced Flowers

A new development of fabric screen-printing that cuts shapes from the fabric.

Helica Instruments Limited

Helica TC (Thermal Coagulator)

Used in keyhole surgery (particularly treatment of endometriosis) the Helica Thermal Coagulator (TC) probe destroys infected cells without affecting other organs, even soft tissues, because of its low intensity.

Henkel Consumer Adhesives

Unibond No More Sealant Guns

This sealant offers the ease of an acrylic sealant with the durability of a silicone with a 35 year guarantee.

Henkel Home Improvement & Adhesive Products

UniBond No More Cracks Piston Pack

A solution for filling gaps or cracks between walls and skirting, walls and stairs, architrave, window frames and sills.

Henkel Home Improvement & Adhesive Products

Unibond No More Nails Piston Pack

A solution for fixing dado rails, skirting, wallpanels and architrave supplied in an easy to use, fingertip control pressurised canister.

Hepworth Building Products Limited

HepvO

HepvO is a self-sealing valve designed to close the waste connection below a sanitary appliance to prevent the escape of foul air into the dwelling.

Heritage Structural Ventilation Limited

lapVent - Plastic Roof Ventilation Unit

Universal roof space ventilator for standard pitched roofs. Suitable for ancient (listed) or modern buildings. BS compliant, invisible, simple, inexpensive, widely compatible, highly effective and easily fitted.

Hertford Medical Limited

Recollect ECG System

Portable ECG recorder combining memory card technology with home heart monitoring.

Highmark Manufacturing Company Limited

Highmark Anti-Stab Vest

Flexible, lightweight protective lining for garments, which prevents penetration by knives and syringes, reducing associated trauma to the body from the force of the attack.



Highmark Manufacturing Company Limited

Highmark Knitwire

Lightweight, flexible, wearable Anti-Stab protective layer which can be shaped to fit the female body form, providing previously unavailable comfort and protection.

Hill Graham Controls Limited

Variable Frequency Converter

The world's largest and Britain's first electrically powered compressor.

Hillway Surgical Limited

Hillway Knee

Made of a unique simulated human tissue, this is used to simulate arthroscopic (key hole surgery) procedures with important structures represented and replaceable.

HoloTag Limited

HoloTag

HoloTags are chip-less RFID (radio frequency identification) tags which are small and robust. Embedded in products or packaging, they carry information about the product. Can be attached to garments and withstand laundering and extreme weather.

Honeywell – Normalair-Garrett Limited

Generic On-Board Oxygen Generation System (OBOGS)

A device for aircraft which automatically extracts oxygen from the air for breathing by aircrew or air ambulance patients, requiring no charging or filling.

Hooke Forest (Construction) Limited

Tree Houses

Development of innovative building designs and systems to achieve minimal environmental impact through design, research and efficient use of materials and energy.

HOTSPOT Marketing

HOTSPOTTM Temperature Indicator

A measuring device using thermochromic pigments as a bath temperature indicator to prevent scalding.

Hotta (UK) Limited

BoilingPOINTTM

BoilingPOINTTM delivers instant filtered boiling water straight from the tap, 24 hours a day, no waiting, no kettle nor jug filter - simply convenient. Particularly good for restaurants, hotels and businesses.



Hozelock Limited

Auto Reel

Automatically retracting hose reel that stores the hose neatly in a wall-mounted shell.

HRD Limited

Hydro-Jet Screen

A non-powered, self-cleansing storm screen designed to remove polluting solids from wastewater systems (e.g. sewers) before discharge to rivers or beaches.

Hullachan Pro Irish

Hullachan Dance Shoe Range

A range of footwear designed to reduce injury in traditional Scottish Highland and Irish dancing, which includes dance shoes, slip-on pumps and insole accessories.

Hydramotion Limited

MicroLance

An insertion probe which gives an instantaneous reading of the moisture content of material stockpiles - particularly useful for sand in concrete-making.

Hydraulic Cylinders

Hydraulic Press

The Hydraulic Press with adjustable bed has a 200 tonne capacity and it is targeted at the repair and presswork industries. The press forces worn-out metal from the parent metal for easy repair and replacement.

HyperVision

HyperCapture

A low cost system for capturing human actors' body motion to animate computer generated characters for film, multimedia, games and interactive Internet applications.



Iain Sinclair Design

Eon

Ultra reliable, long-lasting torch utilising white LEDs for the first time, saving energy and batteries. A convenient shape, the size of a credit card.



Ian Ritchie Architects

Open-Air Concert Platform

Open-air performance stage with back-up facilities (up to full orchestra) and a newly developed acoustic system enhancing sound without distortion or colouration to play to a potential audience of 8,000.

Ian Ritchie Architects with RFR and K Gustafson

EDF Pylons fougere

Very high voltage (225 kV and 400 kV) pylons for EDF (Electricite de France).

IBH

NanoLED

The NanoLED is a pulsed light source based on semiconductor diode technology for generating fast light pulses used in biomedical research and screening.

ICL Technical Plastics Limited

Bullseye

Sub-sea levelling device designed for clear, accurate measurement of inclination at pressure depths of up to 13500 feet (2.5 miles).

Ideal-Standard Limited

Space - Bathroom Fittings

The Space range provides new opportunities to add extra bathroom facilities in the home and make the best use of available space in small bathrooms.

Iles Optical

Pioneer 2000 & Pioneer 3000

Stylish and lightweight safety spectacles offering maximum adjustment of arm length and angle, combined into a single mechanism. A minimal number of parts reduces costs, producing a worldwide competitive product.

Imagination Technologies Limited

PowerVR Three Dimensional Graphics System

A 3D graphic technology developed by VideoLogic which is licensed to several silicon chip companies. The resulting chips are sold for use in PCs, games consoles and arcade systems.

Imagination Technologies Limited

VideoLogic Sirocco

Low-cost speaker system providing hi-fi quality sound for home entertainment and computer-based music, such as Internet music.

Impleo Limited

Datawise MT Digit

Fast, secure, affordable biometric technology in the form of a finger print reader, connected to a PC via a parallel port, used as an alternative to passwords.



IMT Technologies Limited

POWERbreathe

A drug-free, handheld device which improves inspiratory muscle strength by 100% and reduces breathlessness by 20% with just 30 breaths twice a day.

Incorporated Technologies Limited

ePoint Advanced Multimedia System

The ePoint kiosk is an Internet-enabled information and ecommerce system. Placed at key decision points throughout stores or hotels, it provides customers with easy access to the latest on-line information on all products and services.

Independent Television Facilities Centre

Broadcast Station Management

Broadcast Station Management is a highly sophisticated software system, designed to support the business of broadcasting in the digital age.

Induced Energy Limited

Induction Cooking Hob

A cooking hob which generates heat in the pan only whilst the hob top remains cold. It is faster than gas and very energy efficient.

Ineos Acrylics

Recovery II

A innovative process which reuses waste acrylic sheet, formerly land filled, with no detrimental effect on manufacturing quality, saving money and environmental waste problems.

Ineos Acrylics

Refrigerator Light Panel

The Refrigerator Light Panel is a totally new illumination system for refrigerator and freezer interiors. The 'Prismex™' light panel creates "daylight," shadowless, light.

Information Internet

Market.Maker

Software for the world's first internet based real-time financial product trading system, enabling secure real-time pricing, routing and execution over the internet.

Innervision MRI Limited

Niche Ortho 8000

A compact yet versatile MRI system - able to produce cross section images of parts of the body highlighting defects.

Innotec 2000 Ltd

Detectagas

Carbon monoxide test gas and kit. A canned carbon monoxide gas, test shroud and record label for confirming the reliability and effectiveness of an installed CO detector.

Innovative Technology Limited
Bank Note Validator Model NV4

A bank note validator for vending machines which allows people to pay for goods and services automatically using paper or plastic bank notes. Designed for multi currency use.

Innovision Research & Technology Limited
DataLabel

A tiny, low-cost microchip containing audio, text or data that can be inserted into a product. This information can then be retrieved remotely by an electronic reader.

Insect Investigations Limited
Tempest

Electronic temperature sensitive device which warns farmers of imminent pest attack and allows them to spray effectively.

Intechem Polymer Systems & Company
PAP-Estrabond

Polypropylene alloy coating powder - functionalised alloy for anti-corrosion protective coating of steel and as a structural bonding agent in dissimilar polymer blends.

Integrated Sensor Systems Limited
VistaWeld M300

A welding process viewer which allows the operator to see if the electrode is in the correct position in the horizontal and for height.

Integrated Silicon Systems Limited
DSiPWare™

DSiPWare is a high-specification library of predesigned 'virtual components' which accelerates the design of new generations of very complex microchips for digital communications.

Integrated System Technologies Limited
Electronic Screen Lens Magnifier

An electronic magnifier with magnification from unity to x40. The system provides enormous benefits for both the visually impaired and industrial inspection.

Integrati Solutions Limited**MENTOR for Corrosion management and Condition Monitoring**

A system providing knowledge to detect corrosion at its onset and providing the ability to monitor the health of rotating equipment and reciprocating equipment.

Intelligent Security Limited**VSD-8**

An innovative fire-detection system that uses automatic image processing from cameras to detect smoke.

Interlink Data**FORMCARD**

FormCard replaces traditional impact printers and pre-printed multi-part stationery with modern laser printers using plain paper. Advantages include lower cost and greater flexibility.

International Net & Twine Limited**Aurora Luminous Netting**

Fishing netting that glows in the dark. The luminous netting increases catch levels at night.

iOra Limited**SoftCD**

A system that allows read-only compact discs (CD-ROMs) to be updated remotely via the Internet without physically changing or redistributing the CD-ROMs.

ISL Shield Limited**Pure Insulation**

An advanced process pipe insulation system providing high performance with the benefits of hygiene, waterproofing, resilience to damage and freedom from loose fibres.

ISO Developments Limited**Preview**

Development/bureau service/system sales of short run, high quality, colour printing system, printing onto a wide range of materials within 1/2 hour of artwork.

ISOsafe Limited**Isosafeo VTCTM**

Developed to improve the safe transportation of temperature sensitive vaccines, tissues,organs, blood and blood products and consequently to reduce wastage and costs.

ITS

ITS Prototype 1000 (P1000)

The P1000 produces real-time cross-sectional images of slices through pipes, mixers and other process vessels, allowing users to remotely monitor and control their processes.



J & D Wilkie Limited

Extenday

A woven cloth made from extruded tapes which contain specialist polymers and additives which enhance fruit-growing and ripening.

J M Technologies Limited

Magnom

Magnetic Filtration Systems remove metallic debris which generates 60% of mechanical wear, extending the life of engines, lubricants and waste filters, whilst saving on machine maintenance costs.

J Wood & Sons Limited

Early Musical Instruments and Pipeless Organs

A pipeless organ that can replicate the sound of several different historic instruments from one console. Previously one console could only replicate one instrument.

Jackel International Limited

Heat Sensor

An early warning system that allows a mother to see at a glance whether food or drink is too hot to safely give a baby.

Jaguar Cars Limited

Jaguar AJ-V8 Powertrain Family

An engine series that is intended to significantly reduce emissions.

James Leckey Design Limited

Woosh Stander

The Stander helps muscle development and posture in children with disabilities and is designed for ease of transfer of the child from a horizontal to a vertical position by the carer.



James Leckey Design Limited

Leckey Lifting Stander

A special support standing frame which can lift children with disabilities from their wheelchairs up into the upright or prone angle standing position.

JCB Compact Products

Robot Skid Steer Loader

A small highly manoeuvrable digger, with a single side arm, allowing safe entry and exit from a cab.

JCB Compact Products

Firespy

The JCB Firespy is the world's first remote controlled fire-fighting machine, making the jobs of fire-fighters safer and potentially saving lives.

JCB Industrial

Teletruk

Unique forklift that reaches forwards with telescopic arm. Programmable on-board computer offers choice of response for operator and environment with forward visibility as good as a car.

JCB Landpower Limited

JCB Fastrac 2150

The world's first tractor to combine the power required for heavy fieldwork and the speed required for roadwork in a compact configuration.

Jenx Limited

Dreama

A mattress and lockable cushion block system that holds children and adults in good postural position, aiding sleep.

Jenx Limited

Pindoras Box

A fun, easy to use, structured training system to develop co-ordination skills and increase social and physical confidence for children with Developmental Co-ordination Disorder .

Jesmonite Technologies Limited

Jesmonite

An acrylic composite, providing a non-toxic, odourless, styrene and solvent-free casting and laminating system with a wide variety of applications throughout many industries.



Jim Henson's Creature Shop

Henson Performance Control System

The Henson Performance Control System enables puppeteers to take remote control of animatronics. The puppet heads contain miniaturised electronics systems which govern a partially pre-programmed full range of expressions and body movements affording greater realism in puppetry.

JM Design

Self-Jigging Shipkits and Interiors

A complete system for supplying self-jigging ship kits for hull and deck superstructures and interiors.

John Broadwood & Sons Limited

Barless Grand Piano

A piano that does not have cross tension bars in its construction and uses a spheroidal graphite frame which improves sound quality and volume.

John McAslan & Partners

Yapi Kredi Bank Operations Centre, Gebze, Turkey

A 50,000msq new, state of the art, low energy and award winning facility for Turkey's leading financial institution, designed by a British design team consisting of John McAslan & Partners (architect) and Ove Arup and Partners (engineer).

John Poulten Limited

Volac Ultra

Range of micropipettors for laboratory use - for moving small, precisely measured quantities of liquid from one place to another.

Johnson Banks Design Limited / British Council

British Council Classroom Cards

Classroom cards wittily designed to help British Council English teachers enliven the teaching of the intricacies of the English language.

Johnson Matthey plc

Continuously Regenerating Trap (CRT)

CRT is an emissions control device for medium to heavy duty diesel run vehicles.

JR Dynamics Limited

Rotary Strain Gauge Amplifier

The world's smallest strain gauge amplifier designed for important measurements on rotating machinery. The product is unique. It incorporates microelectronics 'buried' in metal disk.



JR Technology Limited

Test Piece Simulator (WP632 TPS)

This equipment is a lightweight portable electronic simulator, used for calibrating non destructive test equipment. An alternative to providing expensive structural specimens i.e. aircraft components.

JTL Systems Limited

Suction Pressure Optimisers

A software /hardware device that can control and maintain up to 120 refrigeration systems simultaneously in large supermarkets, enabling them to save money on energy costs.

K

K9 Scene of Crime Equipment Limited

Magneta Flake

A fine magnetic flake powder that reveals fingerprints and footprints on previously difficult to detect surfaces.

KCI Medical Limited, Engineering Division

KCI MiniVac

VAC Therapy is a non-drug natural healing therapy for chronic/unresponsive wounds.

Kelman Limited

Rezap

A compact electronic instrument that temporarily replaces fuses in roadside distribution panels, allowing continued supply of power to customers until faults are corrected in the system.

Kelman Limited

Fusemate

The fusemate allows an electricity restoration engineer to test a faulted cable and safely replace a blown fuse.

Kimberly-Clark Limited

Roll Control System

An advanced hygienic wiping system which significantly reduces waste and the risk of cross-contamination to users.

Kindbrisk Limited

Energy Compensated Optical Position Sensitive Atom Probe

A very powerful microscope that produces three-dimensional reconstructions of materials and their compositions



Kineteco International Limited

Pentham™ starter

Lightweight manual starter for diesels using a spiral Powerspring™, wound by a recoil cord-pull and tripped automatically. Can replace electric or hand-cranking systems.

Knight Electronics

Communicator

A cable-free, digital, VHF, Public Address system. This compact, lightweight system offers complete freedom of movement, requiring no wires and no mains power.

Knowledge=Power Limited

Telephone Sales Skills - a personal development programme

The Virtual Learning Centre's telesales development programme is a multimedia CD-ROM training tool.

Krypton Kloth Limited

Holographic Cloth

A flexible, washable, wearable cloth on which are printed holographic images which cannot be counterfeited.

Kvaerner Cementation Foundations Limited

Millennium Cem Pile™

Pile construction using a hollow drilling tool with end fins that allows in-situ placement of a column of concrete and enlarged base.

Kwik-Step Limited

Kwik-Step Modular Stairway System

Kwik-Step is a flat-pack modular stairway system for temporary or permanent use on embankments and rough terrain. It is easily installed, dismantled and transported.



Lakeland Paints

Ecos Paint

A solvent free gloss paint.

Lamb Engineering

Splitzlock

A specialised padlock body which is both strong and waterproof.

Lamerholm Fleming Limited

RD 298 ShockLog

Shock, vibration and impact recorder utilised in the transportation, safe handling and packaging design of high value goods or hazardous materials.



Lancashire Ambulance Service NHS Trust

Heart of Lancashire Appeal

An initiative to train 300,000 members of the public in basic life support skills, including training 300 people to use emergency equipment for heart attack victims.

Laryngograph Limited

Lx Speech Studio

Patient-orientated advanced computer-based modules are used for cost-effective clinical work in speech hearing and language communication.

Lastminute.com

www.lastminute.com

One of the UK's few dedicated e-commerce start-ups which gives consumers a real reason to buy online. The web site offers exclusive late deals on premium travel, gifts and entertainment unbeatable even by going direct.

Latronic Limited

Notron

Innovative electronic musical instrument which allows even non-musicians to sculpt sounds and create original tunes/textures in real time using any PC or Midi sound generator.

Laurie Mullaney Associates Limited

ACME Plate Reader

A print measuring instrument for reading dots on printing plates which until now has not been achievable by conventional methods.

LDC Racing Sailboats

RS300

High performance, single-handed racing dinghy. Ultra-light weight construction and innovative design make this boat a significant step forward in performance and the fastest of its type.

Le Creuset UK Limited

Easy To Clean Garlic Press

Most garlic presses are hard to clean. Open this one beyond 180 degrees and the metal grate is automatically ejected for easy cleaning.

Learian Designs Limited

Learian Streetbox

Battery powered pollution monitor capable of storing data on a wide range of pollutants as well as local environmental information.



Legion Crowd Dynamics Limited

Legion

Legion is the new science of crowd dynamics, a computer software system able to measure the effectiveness of public buildings by accurately simulating and predicting how crowds move through all public spaces.

Lend Lease Europe Holdings Limited

Bluewater, Dartford, Kent

New shopping complex, which combines 320 top UK and international fashion, lifestyle brands, entertainment, in a striking architectural setting.

LEO Electron Microscopy Limited

LEO JetSCAN

Collects particles from aircraft engines, analyses them and diagnoses existing and potential problems.

LHS International Limited

Aquados

Aquados is a range of detergents that are encapsulated within soluble film.

Lifschutz Davidson

The Royal Victoria Dock Bridge

A 150 metre long pedestrian footbridge linking a new residential community with public transport facilities.

Light Projects Limited

The Ray Series

A range of 'leading edge' technical lighting fittings, complemented by a wide selection of accessories, developed specifically for illuminating fine art.

Light Touch Products Limited

Remote Control Plug-in Dimmer

Remote dimming of incandescent lamps up to and including 150W. The plug-in light dimmer can learn and distinguish the operation of a button on any TV/video infrared remote control - it will then operate from that button.

Light Works Limited

Seawater Greenhouse

Uses the sun, the sea and the atmosphere to produce fresh water and cool air, creating optimum conditions for cultivation at low cost.

Limbs & Things Limited

Pulsatile Heart Model

A realistic model of a heart within a ribcage used for training in heart surgery.



Lindapter International

Hollo-Bolt

A steel cavity fixing that connects steelwork with access from one side only.

Linear Drives Limited

Tubular Linear Electric Motors

Electric straight-line motors for general industrial automation, providing powered linear motion without any wear or mechanical coupling, so replacing conventional rotary mechanisms to linear.

Linkspan Interiors Limited

Solar Channel

A simple one step jointing channel to use in glazed office partitioning to replace silicone mastic applications and ensure relocatability of all system components.

Linn Products Limited

AV51 System

Surround sound cinema system that recreates the cinema experience at home.

Linn Products Limited

Sondek CD12

A cutting edge CD player with unconventional controls and outstanding sound reproduction for the hi-fi enthusiast.

Linn Products Limited

Klimax 500 Solo

Hi-fi power amplifier and separate, active crossover module. Tabletop or wall mounting, the super slim cases are machined from solid aluminium.

Liquid Plastics Limited

Decothane HS

A high-grade, liquid waterproofing solution.

Littlemore Scientific Engineering Company

764 Environmental Monitor

Measures the four critical parameters that cause damage to museum exhibits, art objects, documents etc. Namely ultraviolet radiation, light, humidity and temperature.

Load Monitor (UK) Limited

Load Insulator

A high-technology device which attaches to a crane hook and insulates the operatives from the lethal affect of power line contact.



Lobo Systems Limited

Lobo System

Lobo Systems present a radical new concept in access equipment. From a simple trestle leg to a complex mobile free-standing structure, no other system offers such flexibility.

Lodlifta Limited

Minelifta

An anti-mine device which attaches to the front of a bulldozer. It lifts the ground and pulverises the earth using a steel chain inside a cowling. This process is designed to explode and pulverise anti-personnel land mines.

Logiblocs Limited

Logiblocs

Educational toy consisting of a system of interactive electronic coloured bricks that plug together to make things happen for children and schools.

London Taxis International

TX1

The new London taxi features a host of innovations to improve driver and passenger comfort.

London Transport / Rodd Industrial Design

Ariadne

Cable Management System 'Ariadne', bringing together all cabling - lights, safety wiring, cctv and public address - into one product which is economic, fit for function, aesthetically attractive and modern.

Lorica Research Limited / Lifeguard Equipment Limited

Lorica Armoured Lifevest

A lifejacket which has integral body armour for wear by law-enforcement boat crews to defend against armed attack by firearms and knives.

Lotus Cars Limited

Lotus Elise

A lightweight, high performance sportscar that captures the spirit of Lotus and brings it into the new millennium.

M

MacCormac Jamieson Prichard

Ruskin Library, Lancaster University

A building to house an archive devoted to John Ruskin including a passively controlled archive space, a public gallery and a reading room.



Maersk Medical Limited

Arglaes Controlled Release Dressings

A controlled release dressing for wounds using silver which has an anti-bacterial effect on the wound surface.

MagneticMedia

LottaBoard

Composed of individual letters/numbers on magnetic tiles, LottaBoard's unique magnetic alignment properties allow accurate message changes while maintaining a truly professional finish.

Malcolm Campbell (London) Limited

Bluebird Electric

Electric powered land speed record car aiming to fulfil the challenge of being the world's fastest electrically powered vehicle.

Marathon Belting Limited

Copsil

Pressure compensation and heat conductive mat which sits between the plates of a press and the material being laminated to even-out imperfections and provide a perfect finish.

Marathon Belting Limited

Red Roller

The Red Roller is a high temperature roller which supports aluminium as it is extruded at 500 degrees Celsius.

Marchbanks Measurement Systems Limited

MMS-II Cerebral & Cochlear Fluid Analyser

The CCFP Analyser allows non-invasive measurement of fluid pressure around the brain and within the innermost parts of the ear.

Marcher Enterprises Limited

Discam

A camera for detecting glaucoma by looking into the rear of the eye.

Marks & Spencer plc

Gas Powered Lorry and Trailer

An energy efficient and reduced noise truck that delivers to Marks & Spencer stores nationwide, developed jointly with BOC DS.

Marks & Spencer plc

Non-Polish Footwear

Shoes with the upper leather laminated to a thin, durable, breathable polymeric film that protects against scuffing and staining making polishing unnecessary.



Marks & Spencer plc

Imagemaster

A system that enables colours to be developed and specified by numbers, controlled instrumentally and communicated internationally providing the basis for worldwide colour co-ordination.

Marks & Spencer plc

Washable Tailored Garments in 100% Wool

Easy to care for, machine-washable tailored garments (jackets, skirts and trousers) made from 100% wool that have eliminated the need for drycleaning.

Marks & Spencer plc

Advanced Design Refrigerated Display Case

An innovative refrigerated food display case offering enhanced merchandise presentation, improved temperature control, greater energy efficiency and improved facilities for maintenance, cleaning and repair.

Marks & Spencer plc

Non-Iron Cotton Clothing

Cotton shirts, skirts and trousers treated with a chemical that renders permanent the manufacturer's press, even after repeated washing, making ironing almost obsolete.

Marks & Spencer plc

Thermotext Security Thread

A security thread incorporated into paper, containing a hidden message which is revealed when warmed. Used in value documents, eg. gift vouchers, to prevent counterfeiting.

Marks & Spencer plc

Tom Chandley Compacta Rack Oven and Loading System

A unique bakery oven and rack loading system which enables the safe handling of baked products with greatly reduced risk of burning accidents at in-store bakeries.

Marks & Spencer plc

Bodysensor™

Opaque tights which keep you warm when it's cool and cool when it's warm with a unique moisture management system giving improved comfort in wear.

Marks & Spencer plc

Seamless Bra

New seamless bras that are more comfortable.



Marks & Spencer plc

Secret Support Clothing

A highly engineered innovative garment construction that provides hidden support to the bust without the need to wear a bra.

Marks & Spencer plc / The National Eczema Society

Clothing for Sensitive Skin

This innovative clothing range has been specifically engineered to ensure improved comfort for children with skin conditions, such as eczema.

Marlec Eng Co Limited

Amazon Aquacharger

A simple but brilliant idea, using water current to generate electricity to charge batteries. The Aquacharger is mounted on a small boat.

Marshall Specialist Vehicles Limited

Utility Truck

A low-entry cab truck designed for frequent stop-start urban usage.

Martin-Baker Aircraft Co Limited

Mk 16 Ejection Seat

A high-performance escape system ejection seat.

Mastermover International Limited

Mastermover

Specialist towing vehicles and bespoke design engineering in the mechanical handling sector, useful for moving large loads around big stores and retail outlets.

Maunsell Limited

Caretaker Bridge Enclosure System

A lightweight structural floor fixed to underside of existing and new bridges to provide permanent access for inspection and maintenance.

MB Aseptic Technology Limited

ANS4970 Aseptic Filling System

A liquid packaging system for the food and beverage industry.

Medic-Aid Limited

HaloLite - Adaptive Aerosol Delivery (AAD) System

A revolutionary drug delivery system that uses Adaptive Aerosol Delivery (AAD) technology to deliver precise and reproducible drug doses to the lungs.



Medisafe UK Limited

Sonic Irrigator Automatic

An innovative cleaning process to decontaminate keyhole surgery instruments and prevent contamination from one patient to another - specifically for modern techniques.

Medisafe UK Limited

Fine Lumen Cleaner

Innovative, patented system for reprocessing advanced long fine surgical instruments.

MediSense

Precision G Blood Glucose Test Strip

A low cost, disposable and accurate blood glucose measurement system.

Meditech Group Limited

PERSONA

A system that enables a severely disabled person to operate home appliances, control a wheelchair, and for the speech impaired user, provides artificial speech.

Medivent Limited

RTX Respirator

A new patented and innovative non-invasive life-support system, allows patients to synchronise fully their breathing and cardiac cycle, improving cardiac output.

Melrose Film Productions Limited

MindGym

A multimedia package to encourage mental fitness and proactivity, for use in corporate or personal training.

Meridian Medical Technologies Limited

CB250 Cardiobeeper

An ECG Monitor in a wallet that sends the heart trace across the telephone to a medical centre.

Meridian Medical Technologies Limited

Prime ECG

Displays a three-dimensional image of the heart's electrical activity to greatly improve the doctor's ability to detect a heart attack.

Merlin Medical

Minimax

Unique folding electric powered bed with high-low adjustment and the facility to tilt for user comfort, for home care.



Merlin Products Limited
MP520-T Flight Simulator

Provides students hands-on experience of the effect of changes in design on aircraft handling.

Meta Vision Systems Limited
Laser Probe

A system that automates welding machines which are normally manually controlled with any deviation from the theoretical weld path automatically corrected, eliminating scrap and rework with payback in under 12 months.

Metal Injection Mouldings Limited
Metal Injection Mouldings

Small, complex, accurate components in high melting-point materials (eg. steel) made by injecting treated metal powders into dies, then strengthened by thermal processing.

Micro Thermal Systems Limited
Stomatex

A performance fabric which mimics the way plants breathe which, when applied to otherwise impermeable elastomeric materials, allows vapour transmission, temperature control and extended wearability.

Microlase Optical Systems Limited
MBD-266

A unique Ultraviolet laser source which promises to allow a whole new generation of high technology applications.

Microm Electronics Limited
Microm QuickLink

The QuickLink distributed microprocessor electrical power wiring system, provides supermarket display case manufacturers with a major opportunity to improve the value engineering of their products.

Micron Sprayers Limited
Ulvamast V3E with Closed Transfer System

A vehicle mounted microprocessor controlled sprayer for the efficient application of crop protection products to migrant pests such as locusts and grasshoppers.

Microsense Systems Limited
LED Traffic Light

Replacement for conventional halogen bulbs with LED technology that significantly reduces energy consumption, increases safety to road users, reduces maintenance costs and increases working life.



Microsharp Corporation Limited (subsidiary of DTL)

Microsharp 1 Optical Film

Patent optical films that improve image quality in LCD displays whilst preserving polarisation. Used in a variety of LCD based electronics systems including hand held devices and in-car navigation systems to enhance image quality.

Microsulis plc

Microwave Endometrial Ablation (MEA)

A proven effective treatment for heavy periods. Treatment time is three minutes and patients resume normal activities within two days.

Mikron LTD

Mikron 2000

Compact field microscope employing folded optics to achieve a remarkable, user-friendly instrument with great functionality at low cost.

Millbrook Instruments Limited

The Chemical Microscope

An automated bench top analysis instrument, producing a magnified image showing the chemical composition of the surface of a solid object.

Millennium Mapping Company plc

Millennium Map

A complete 1:10,000 scale digital, colour aerial photographic survey of the entire UK. The map is available to professional users and to the general public (via the Internet).

Miniflex Limited

Miniflex Fibre Bend-Limiting Tube

A unique sleeving for protecting optical fibres against bending, kinking, crushing and tensile strain. Used for routing fibres at cable breakout and for patchcords.

Minimap Limited

The Micromap MkII Viewing System

Compact viewing system which enlarges miniature credit card sized information into clear readable images. Cards can be stored within the viewer. Complete with lanyard and belt clip.

Mission

MISSION x-Space NXT Loudspeaker System

The world's first high-fidelity loudspeaker system to incorporate the inherent sonic and visual benefits of NXT flat-panel technology.

Mondex International Limited

Mondex Electronic Cash

Digital money system replacing cash with smart card technology



Mono Equipment Limited

Delta Depositor

A machine that produces a wide range of exotic and complex confectionery products, driven via a unique electronic controller.

Monotub Industries plc

Titan

Large capacity, standard cabinet size, innovative front loading washing machine with unique removable laundry basket.

More Group plc

Adshel Automatic Public Toilet (APT)

An automatic public toilet which provides the security of a permanent building, delivers new standards in hygiene and ergonomics, is more generally acceptable than its predecessors, and is accessible by all.

motionworks

R2P2

Universal remote controller for professional audio/video machines in the music, film and television industries.

Mott MacDonald

Lantau Link

A six lane, covered railway and emergency bridge which joins Hong Kong island to the new airport.

Mountain Technology

Vertige Xtreme 700 Ice Axe

A purpose designed axe for climbing on steep ice and frozen faces. Lighter, carefully balanced, safer, and easier to use.

Moyle Marketing

Lightweight Fibre Ladder

A new development in lightweight portable ladders that replaces the solid rung or tube of previous rope ladders with a rod of carbon or glass fibre.

Muldoon Transport Systems Limited

Muldoon Positive Rear Steer System

A system which steers the back axle of an articulated trailer in tandem with the tractor unit, giving better manoeuvrability, economy, logistics and drivability.

Multiload Technology Limited

VoltMaster

Specialised power supplies for low-voltage lighting, with electronic circuitry to stabilise output voltages and automatic compensation for cable volt drop



Munster Simms Engineering Limited

Whale Supersub Bilge Pump Range

A unique range of bilge pumps designed to be easy to clean and serviceable and fit in small spaces where ordinary bilge pumps won't.

Munster Simms Engineering Limited

Whale Valveless Vending System

A valveless fluid dispensing system for drinks vending machines which eliminates the use of solenoid valves.

Musto Limited

Musto HPX Ocean Drysuit

The HPX Ocean Drysuit is a one-piece suit designed to enhance performance, protection, safety and comfort at sea.

Mutual Systems Limited

The 'Marid' Street Lamp Monitoring System

The 'Marid' street lamp monitoring system enables individual street lamps to be monitored in terms of fault conditions, performance and total burn for consumption payments.

N

N.G.I. Limited

Needle Guard

A cost effective, safe needlestick prevention device that can be used within existing protocols, and can be adapted to fit all needle carriers.

Napper Architects

The River Irthing Footbridge

The first of a family of steel footbridges for Hadrian's Wall National Trail, which is a UNESCO World Heritage Site. The bridge is designed to elegantly complement the environment. Built using environmentally-conscious methods and materials.

National Access and Rescue Centre

PhoeniX Rescue Harness

A streamlined, lightweight, versatile full body harness specifically for fire service use in confined and vertical situations.

National Centre for Biotechnology Education

Gel Electrophoresis Equipment

Inexpensive, safe equipment for the separation of DNA and other molecules, designed specifically for educational use.



National Marine Aquarium

National Marine Aquarium

The National Marine Aquarium uses the latest technologies to give visitors a unique insight into a hidden world. Visitors take a journey from rivers and streams to the depths of the oceans, encountering thousands of marine creatures.

National Power PLC/Innogy Limited

Regenesys™

Regenesys™ is an innovative system designed to store electricity and enhance power quality. Electricity producers, distributors and consumers will benefit from its use.

Nautilus

Nautilus Fabric

Nautilus Fabric is a new metallised fabric which can change colour and pattern if stretched or pulled in a particular direction. Could have wide applications in fashion and games markets.

NCR Financial Solutions Group Limited

PersonaS ATM with IrisIdent

A new generation cash machine that uses the iris for personal identification.

Neater Solutions Limited

Neater Eater Version 5

An inherently safe electrically powered and automated device which enables people with impaired movement or control to feed themselves.

NEEN HealthCare

Periform

Intra-vaginal probe for muscle stimulation and biofeedback used in the treatment of female urinary incontinence.

Nestle UK Limited

Polo Supermint

A miniature Polo mint, a tenth of the size of a standard Polo, but containing four times as much mint in relation to its size.

NetStore plc

PCRefresh

Enables laptop computer suppliers to deliver a new or a replacement laptop complete with the user's previous personal data and settings already loaded.

New Medical Technology

Zero-Stik® Safety Syringe

A combined self-retracting needle and syringe used to deliver injections such as insulin, antibiotics, vaccines and other preparations.



NEWT International Limited

Lizard EMA (Electro-Magnetic Array)

Field Gradient Imaging Device "EMA Camera". A unique technology and tool that can image fatigue cracks in engineering structures with out the need to clean or remove protective coatings.

NHS Executive

NHS Direct

A nationwide telephone Helpline, staffed by nurses, providing 24-hour access to free professional advice and information about health problems and health services.

Nice House Limited

Chasm Chair

The result of a novel application of rotational moulding, this is a versatile general purpose chair produced from a single material.

Nicholas Zervoglos

SPRING Drinking Fountain

Beautiful free-standing external stainless steel drinking-fountain for public or private use. Designed to make drinking fountains more of a sensory and playful experience rather than a confrontation with plumbing.

Nikwax Limited

Nikwax Water-Based Waterproofing Products for Footwear

This company is world leader in the manufacture of water-based, environmentally safe waterproofing products for footwear, clothing and outdoor equipment.

Nine Tiles Networks Limited

Smart Camera and Smart ATM Video Codecs

Products designed to provide distributed real-time video (and audio data) over high-speed digital networks for the surveillance market.

Nobel Enterprises

Rock Breaking Charge

An electronically-operated controlled device to split rock/concrete with no noise, shock or fly rock. Safe to handle and transport.

Nobel Enterprises

FS15/30 Fire Suppression System

A water / foam based misting / spray fire suppression system, that utilises a solid fuel deployment technique hence increasing efficiency, reliability and reducing maintenance of conventional systems.



Nobel Enterprises

MotorPro

Vehicle engine fire suppression system utilising gas generator technology instead of compressed gas.

Norfrost Limited

Norfrost 2000

A super-efficient, low-cost freezer, the most energy-efficient freezer of its class in the world, currently on display in the Science Museum.

North West Water Limited

Manufacturing Top Soil from Waste Materials

Manufacture of top soil from waste construction spoil and sewage manure. The process is sustainable environmentally and cheaper than traditional top soil stripping from land.

Norton Healthcare Limited

Easi-Breathe

An automatic breath-operated inhaler device, for use by asthmatics and in the treatment of other respiratory conditions.

Novia Limited

NoviaMatic

A system for automatically wrapping products of varying size in 'NoviaWrap' self-seal corrugated board in a pillow style pack.

Nuaire Limited

Cooker Miser

Detects when an electric cooker/toaster is in use, automatically activating an extract fan which varies in speed according to power consumed.

NXT (New Transducers Limited)

NXT

NXT is an enabling technology that allows creation of light and super slim loudspeakers that bring unique aesthetic and acoustic properties to all loudspeaker applications.

Nycomed Amersham plc

RAPIDStrand™ Iodine 125

An absorbable suture onto which minute radioactive seeds are attached, allowing their precise placement within the prostate gland for treatment of cancer.

Oasis Leisure Products Limited

Oasis Turbotable

An electric ironing board to be used with any steam iron. A gentle suction fan which pulls steam through garments making ironing a pleasure.

Ocean Safety Limited

Jonbuoy Recovery Module

A one-man life-raft enabling identification and recovery of a person who has fallen off the side of a boat.

Ogden Industries

Olway Slates

Manufactured from crushed slate bonded in a polyester resin, these slates provide a lightweight, durable roofing solution that combines advanced performance with the appeal of natural slate.

OMK Design Limited

Seville bench

The Seville bench provides an effective and stylish 'short stay' seat for airports, rail platforms, museums.

One for the Road

One for the Road

A chauffeur service that offers a solution to the problem of finding yourself over the alcohol limit and unable to drive after having arrived in your own car.

Open Interactive Limited

Open....

Britain's first interactive Digital TV service enabling viewers to shop, bank, enjoy games and book tickets with the TV remote control and communicate via email.

Optare Limited

Solo

The UK's first full-width, low-floor bus. It has no internal steps and is fully wheelchair accessible.

OptiMusic Limited

OptiMusic

A unique control system 'played' by interacting with light beams, creating an exciting interactive musical environment accessible to all for use in rehabilitation, education, leisure and entertainment.

Optos plc

Panoramic 200

An ultra wide field digital imaging system. It captures high resolution images of almost the entire retina without dilation in less than half a second.



Orange plc/Alan Dick & Company Limited

Tree Masts

The Orange 'tree mast' is a mobile phone base station designed to look like a Scots pine tree in order to lessen the impact of Orange's accelerated network rollout.

Ordnance Survey

Explorer Map Series

Designed to enable many more people to discover and enjoy Britain's natural and cultural environment.

Ordnance Survey

Landplan

Pioneering computer-generated mapping which can be site-centred and produced with or without contours and colour and is printed out on request from specialist shops.

Otodynamics Limited

Echocheck

A pocket-sized device for detecting hearing problems in babies. Based on a British discovery, it senses healthy activity through a tiny microphone.

Oxfam GB

Oxfam Stackable Water Carrier

Developed by CORE Plastics Limited this durable, lightweight, high-density polyethylene vessel is used in emergency relief.

Oxford Fiber Optic Tools Limited

AFC-2008 Angled Optical Fibre Cleaver

Used to prepare the ends of optical fibres in a way which reduces the light reflected back from the end surface, working to increase transmission quality.

Oxford Instruments

Cryofree Superconducting Magnets

Superconducting magnets which open up swifter and easier cooling technology developed in research laboratories to industrial processes.

Oxford Instruments

Kelvinox (Advanced Sorption Pumped Dilution Refrigerator)

A refrigerator that cools to precise ultra low temperatures (0.0001 degree) and is used for research purposes.

Oxford Instruments, Accelerator Technology Group

Helios

The Helios 2 Compact Synchrotron is a compact accelerator for high volume and high density production of microchips.



Oxford Optronix
Oxylite/Oxyflo System

The success of radiotherapy in cancer treatment depends on knowing the oxygen concentration in the tumour. This provides precise oxygen measurements that could drastically improve treatment.

Oxford Sensor Technology Limited
The Specular Reflection Sensor (SRS)

An advanced novel optical sensor system which uses reflections to determine the position of car bodies to facilitate insertion of windscreens, independent of body colour.

Oxford Sensor Technology Limited
The Circular Scanning Sensor (CSS)

3D laser scanning sensor system for metrology, welding and similar applications requiring sensor guidance. The system uses sophisticated computer hardware and software.

Oxley Developments Company Limited
Chemilox Aqua 7

A system for measuring seven key characteristics of water, in order to ensure high quality water supply. It features new sensor technology and an innovative, cost-effective design.

Oxley Developments Company Limited
Oxley E-Tag Memory Button

Attaching this to any item of equipment enables digital information or records to be stored with the equipment, eliminating the need for paper records.

Ozonex Limited
Ozone Toothbrush

An ultra hygienic toothbrush that ensures a correct brushing angle on teeth and gums. Food debris, plaque and toothpaste are easily flushed away through a central aperture.

Ozonia Triogen Limited
UVAZONE

This is a range of packaged systems combining ozone and ultraviolet radiation used uniquely in combination for spa and swimming pool water purification.

PACE Micro Technology plc

Pace Digital Cable Set-Top Box

The technology or equipment needed to use cable and wireless communication's digital cable TV and interactive services.

Pains-Wessex Safety Systems/McMurdo Limited

Ocean Sentry

A compact, active radar target enhancer (RTE) that improves the radar detection range and visibility of small vessels.

Pakflatt (UK) Limited

Pakflatt PF2000 Mobile Ballot Box

This new ballot box design incorporates the changes identified by our user group during our research, as offering significant improvements on the old traditional product.

Palmer Environmental Limited

Permalog®

Permalog® is a fully automatic, cost-effective and permanently installed system for locating leaks in water distribution networks.

Pama & Company Limited

Plug-n-Go

A hands free option for car drivers to use the phone safely.

Pan Manufacturing Limited

Reflecta™ Radiator Reflector Panels

A contoured panel which is reflective - fixes to area of wall behind a radiator (hot water or electric) and reduces heat lost and reflects heat into room saving energy and increasing room temperature.

PAR Limited

Pro-Tip

An award winning, disposable plastic dental spray device that eliminates the risk of cross-infection between dental patients.

Paragon Software Limited

FoneBook PLUS

Software package that allows address book information to be managed on a PC and uploaded onto a digital mobile phone.

Parking Direct Limited

Spacehog - Vehicle Detector and Talking Sign

Automatic disabled parking bay monitoring and protection system. Spacehog surface mounted vehicle detectors and audio-visual parking deterrent talking signs, using battery-saving technology.



Parry People Movers Limited

Parry People Mover

A light tramway without overhead wires, on a lightweight track, providing affordable emission-free transport for smaller towns and a feeder to larger transport systems.

Patientline Limited

Patientline

Provision of television, radio, telephone and other services to patients in NHS hospitals, through a unique bedside terminal, with supporting cable networks and control systems.

Paxman Coolers Limited

Paxman Scalp Cooler

A system that cools the scalp to help prevent hair loss in patients receiving chemotherapy treatment.

PCC Group plc

Plastic Can

A new goods container made using an innovative moulding technique that enables the lid and container to be made from the same type of plastic.

PCD Maltron Limited

Ergonomic Computer Keyboard

Fully ergonomically shaped computer keyboards that challenge convention. Facilitates single handed as well as dual handed usage to overcome disability, whilst avoiding repetitive strain injury and aiding recovery.

Peabody Trust

Murray Grove

A pioneering housing development making use of modular construction techniques which will provide affordable homes in Hackney and regenerate a brownfield site.

Pegasus Pushchairs Limited

The Pegasus Pushchair

The Pegasus range of all terrain pushchairs is designed to enable the user to move more easily over demanding terrains.

Pegler Limited /Gripgold Product Design Limited

Pegler Terrier II

A thermostatic radiator valve that is ergonomically designed with neat, colour-coded settings. It also has audible and tactile feedback making it suitable for visually impaired users.

**Penlon Limited****McCoy Laryngoscope**

A medical laryngoscope designed for difficult tracheal intubation. It improves the vocal chords view and makes the placement of tracheal tubes easier.

Pentwyn Splicers Limited**Splicer Model 1-11**

A device for joining together textile yarns so that the joint is smooth and unobtrusive.

Pentwyn Splicers Limited**Splicer Model 103 Range**

Pneumatic yarn splicer which joins textile yarns together in a manner superior to the traditional knot.

Peratech Limited**Elasto-resistive Polymers**

Unique, flexible elasto-resistive materials which change in electrical resistance from insulator to electrical conductor under pressure.

Perseverance Mills**Pertex**

Natural fibre made from micro fine yarn, so finely woven it acts as an effective barrier against dust mites.

Peter Hutchinson Designs**Minimus Sleeping Bag**

Very lightweight sleeping bag - probably the lightest in the world.

PFE International Limited**PFE MailPrinter**

An integrated solution for mail production. Features an 18ppm laser printer, combined with an enveloping machine. Computer controlled, simple to use.

Pfizer Limited**Viagra**

Oral treatment for erectile dysfunction.

Philips Lighting Limited**Glasgow 99 Luminaire**

An exterior lighting luminaire of two parts: a light column and a reflector providing ambience and security with a column providing publicity and signage possibilities.



Photek Limited

High Resolution Photon Counting System - 2

The Photek High Resolution Counting Camera has imaging applications in examining the regulation of genes, the study of cell chemistry using DNA in genetic engineering and tracking bacterial growth.

Pifco Limited

OPTEC™ DISC Element Technology

A revolutionary concept in element manufacture with potential for use in many different heating applications.

Pinnacle Concepts Limited

Terravent

New soil improvement tool that blasts compressed nitrogen gas into the soil to aerate and decompact. It then introduces beneficial liquid media, such as nutrients, to assist plant life.

Pipistrel Software Limited

PhoneFile PRO

Enables users to manage data on the SIM smart card provided with every GSM digital mobile phone, including updating contact names and numbers.

Plastech Thermoset Tectonics

Multiple Insert Tooling MITTM

A method of manufacturing moulds with removable multiple surfaces. Greatly increased longevity and productivity make high volume production possible from low-cost tooling.

Plastic Cores Limited

Rivlock

A plastic fastening device of two halves providing a strong connection and yet having the facility of being unfastened and reused.

Polymer Laboratories Limited

PL-ELS 1000 Evaporative Light Scattering Detector

The PL-ELS 1000 is a unique monitor for the development and analysis of drugs, foods and polymers.

Polyval plc

Enpol

A fully biodegradable plastic with comparative strength and comparable cost to polythene, having recently received direct food contact use approval, using 2.5 times less material to achieve the same mechanical performance.

Portakabin Limited

Lilliput Nursery

A modular nursery building, designed from the child's viewpoint, with varied spaces and novel features to provide a stimulating educational environment.



Porvair International Limited

porelle dries

porelle dries are the world's first close-fitting, waterproof, breathable socks. They are a comfortable, practical way to keep feet warm and dry - whatever the weather.

PowderJect Pharmaceuticals plc

Dermal PowderJect ND

An easy to use, single-use, needle-free drug, vaccine and diagnostics delivery device which uses gas to deliver tiny dry powder particles painlessly into the skin at high speed.

PowerMakers Plus Limited

Fuel Catalyst

A device that improves the combustion in both petrol and diesel engines, achieving more power for the same amount of fuel and reducing exhaust emissions.

Powersport International Limited

Evolution Cardio-Vascular Fitness Equipment

High-tech exercise equipment initially comprising of an upright bike, a recumbent bike and a stepper.

PraktikalTM Limited

PraktikalTM Carrier Bag Handle

A handle device designed to protect the user's hands and fingers from the often painful distortion associated with carrying a variety of carrier bags.

Premier Hydraulics and Pneumatics

VortexT

Vacuum hose, fittings and bagging valve, designed specifically for use in autoclaves. Used in racing car manufacture or aerospace.

Primal Pictures Limited

Interactive Hand

An interactive CD-ROM with 3D anatomy of the human hand, primarily for training surgeons and medical students.

Pro METS Limited

Veterinary Operating Table Top

A veterinary table top, which can be fitted on any existing table top as a more functional, user friendly unit. Used for dental, emergency operations. Saves time with cleaning up, as all fluids and dressings etc. contained with the unit.



Probiotics International Limited

Angelo

Paste dispensing system to dose very young animals safely with no mess or waste.

Procyon Instruments Limited

P-2000 Binocular Pupillometer

Binocular, portable pupillometer allowing infrared measurement of the reactions of both pupils. It is compact, robust and easy to use. It provides doctors with a research tool for improved patient management in glaucoma, diabetic retinopathy and the rehabilitation of drug abusers.

Product 2000 Limited

First Glow

A luminous glass bead that retains light after exposure. It is used in road markings and other traffic applications.

Products of Technology Limited

NitroGenerator

NitroGenerator produces on demand a supply of ultra high purity nitrogen gas. The unit replaces nitrogen gas cylinders primarily within the laboratory industry.

Project Fire Engineers Limited

Zonecheck

A device that tests flow switches in sprinkler systems in multi-occupancy buildings to ensure effective response to a fire's location.

Project Fire Engineers Limited

Bellcheck

A labour-saving cost-efficient device for the weekly routine test of an automatic fire sprinkler alarm valve, without discharging water to waste.

Project Fire Engineers Limited

Pressurecheck

Designed to ensure sufficient water flow pressure is available for satisfactory sprinkler operation, and also prevent back-flow contamination of the water supply.

Promethean Limited

Promethean ActivBoard System

A new alternative to the black or whiteboard, this supports interactive group teaching by providing PC control and delivery of multimedia presentation materials using an electronic pen on a large screen projected image.



Protection Outdoors Limited

The POD

The world's first UV safe baby shelter, designed to protect against heat, wind and glare. Easily erected, light to carry, ultra-safe.

Protector Technologies Group

Sabre Contour

A compressed air breathing apparatus which consists of a lightweight, durable backplate and pneumatics system for fire-fighters.

Provita Eurotech Limited

Protect

Controlled dosage of naturally occurring bacteria administered to newborn farm animals to prevent common diseases and reduce mortality.

Psion Computers plc

Series 5

A handheld computer the size of a cheque book which weighs 12.5 ounces and offers the functionality of a PC.

Psion Dacom plc

Gold Card NetGlobal

The world's first communications card for laptop computers which gives access to local area, company, telephone, internet and email networks.

Psymetrix Limited

Power Dynamics Monitor

Enables more efficient and secure use of electricity transmission and generation equipment by direct on-line measurement of the power system's resilience to faults and disturbances.



Quantel Limited

Clipbox Video Server

Video server equipment which replaces tape recorders in a television station, with a central storage unit retaining images on computer disk.

Quasar Systems

Helix Pack

A revolutionary new form of blister packaging which is environmentally and user friendly, and facilitates the production and shipping of small quantities of product.



Queensgate Instruments Limited

NGC Nanopositioning Products

The NGC Range is a family of nanopositioning products for measuring very small (nanometre) displacements.

Quest Consulting Limited

Questar

A part computerised risk assessment protocol for offshore structures.

Questech Limited

Charisma X VTL

A new video effects system, combining hardware and software and introducing a visual time line display.

R

RA Enterprises Limited

Lighting Support System

An elegant structural lighting track which spans five times farther than conventional track. Aluminium and steel are bonded together to combine the strength of steel with the lightness of aluminium.

Racal-Mesl Limited

Redwing

A unique British designed communications package which improves safety on the railways.

Radford Retail Systems Limited

Radlok

Radlok is a trolley control system which prevents shopping carts (and similar) being pushed beyond a given point.

Ragdoll Productions (UK) Limited

Teletubbies

Teletubbies is a landmark pre-school television programme specially designed to help children co-ordinate watching with listening.

Raytheon Systems Limited

GAS-1 (GPS Antenna System-1)

An antenna that protects the signals received from Global Positioning System (GPS) satellites against interference, allowing safe, accurate and efficient world-wide navigation.



RCV Engines Limited

RCV Engine

A revolutionary design of a four stroke engine optimised for use in model aircraft.

RDS Technology Limited

Pro-Series 8000

An adaptable electronic instrument for agricultural and other off-road mobile machinery. May be used as the heart of precision farming systems.

Re-TeX Plastic Technology Limited

RE-TEX™

Turning mixed polymer, contaminated domestic and commercial waste plastic into quality assured replacement products for timber, concrete, metal and virgin plastic applications.

Reckitt Benckiser plc/University of Southampton

Smartseeker Technology

A new type of aerosol spray using electrostatic technology incorporated into conventional aerosol packaging. No batteries or electrical supply required. Products display enhanced performance and improved environmental impact.

Recoil Suspension Seat Posts

Recoil Suspension Seat Post

Bicycle suspension seat post that replaces an ordinary seat stem to give the bicycle more stability and the rider less discomfort.

Red Fig Limited

Looking Glass Operating System (LOGLOS)

LOGLOS is a new giant screen, interactive advertising medium which can be accessed by viewers using a mobile phone.

Redman Controls and Electronics Limited

VIDEO BELLOWS WELDER High Resolution Video Seam Tracker

Special lathe unit including a video camera, monitor, computer, TIG weld torch system for automatic welding of high tech bellows units as used for aerospace, medical and other applications.

Reed Chill Cheater Limited

Chill Cheater

A range of revolutionary all-way stretch, watershedding, watersports garments that, due to their lightness and insulating properties, transform both recreational and professional watersports use.

Regent Medical

Biogel Reveal

Puncture indicating surgical gloves which help medical personnel to avoid contamination.



Rehab Robotics Limited

Handy 1

The Handy 1 is a robotic aid to independence for people with severe disabilities. The Handy 1 can assist with many everyday tasks including eating, drinking, shaving, teeth-cleaning, make-up application and playing Connect 4.

Rehab Robotics Limited

HATS (Hand Assessment & Treatment System)

A new hand assessment system for therapists, simple to operate, enabling therapists to quickly and accurately acquire hand measurements, which can then be subsequently stored and easily recalled.

Remarkable Pencils Limited

The Remarkable Recycled Pencil

Made from 70% recycled material in a closed loop recycling system using plastic cups.

Remcon Control Systems Limited

ZC Series of Energy Controllers

An affordable solution for domestic and smaller commercial premises to energy management, reducing energy costs and CO2 emissions.

Remedios

Remedios

Combines leading edge biotechnology and expertise in land economics to both diagnose and solve contamination problems.

Remes Biomedical Limited

Biomedical Process for Implants

A process for the quantification of the response of the surrounding body tissue to an implanted biomaterial.

Remes Biomedical Limited

Technique for Grading Scar Severity

An image analysis computer program to objectively assess the severity of mature scars.

Renishaw plc

Automated Tool Setting Arm

An electrically powered device which enables the automatic setting and monitoring of tools under programme control, on Numerically Controlled (NC) lathes.

Renishaw plc

DLC Analyser

A new quality control system for diamond like coatings which are used extensively in the production of computer hard disk drives.



Renishaw plc

PH50 Motorised Head

Enabling rapid, automated measurements to be taken on CMMs (Co-ordinate Measuring Machines) and giving 3-axis machines 5-axis capability, the PH50 can be oriented in 720 fixed positions to give high repeatability on smaller machines.

Renishaw plc

PHS1 Motorised Head

Enabling rapid, automated measurements to be taken on CMMs (Co-ordinate Measuring Machines) and giving 3-axis machines 5-axis capability, the PHS1 enables continuous 360 degree measurement on larger horizontal models.

Renishaw plc

Readheads

The RGH22 and RGH24 readheads use infra red light reflected from Renishaw's ultra low-profile, flexible scale to give positional information on moving parts with machinery such as robots and measurement tools.

Renishaw plc

SP600M Analogue Probe

A high performance device which enables surface data to be collected from 3D objects with higher speed, greater accuracy and lower force.

Renishaw plc

UV Raman Microscope

This uses ultra violet light, generated by a laser, for more accurate spectral analysis than has before been possible using visible light.

Renishaw plc

HS10 laser scale system

Renishaw's environment compensated HS10 system represents the ultimate in linear positioning feedback using laser technology to deliver accuracies previously only achievable with laser calibration systems.

Renold Chain

Renold Smartlink

Renold Smartlink is an added value service for chain users, measuring loads and stresses of chain drives. The recorded data ensures correct chain selection.

Renold plc

MSC Coupling

A new concept of flexible coupling incorporating a fail-safe rubber in compression design for marine power transmission providing a unique safety characteristic.



Renold plc

Screw Supercharger Production Centre

A computer controlled precision machine tool capable of producing high accuracy special profiles of production engine supercharger rotors.

Rentokil Initial plc

CAT system

Environmentally safe way of removing insects from valuable museum and art collections using nitrogen in huge aluminium bubbles.

RFD Limited

Marin-ARK

Inflatable life raft and evacuation system which keeps evacuees enclosed with direct access from ship to raft.

RFS Trim Tabs Limited

RocketFlap Trim Tab System

A fully automatic trim tab system for sports boats that uses no motors, no wires, no pipes and no oils, and works to decrease the speed at which power boats can get up on to the 'plane'.

RHM Technology Limited

The Marshalling Yard

Mechanical handling system that automatically aligns foodstuffs into distinct rows for the efficient management of food packaging.

Rhodia Organique Fine Limited, ISCEON & HF

ISCEON 59

An environmentally friendly, non-ozone depleting, cost-effective refrigerant to replace HCFC 22 in new and existing refrigeration and air-conditioning systems.

Richard Harvey Associates

Bi Planche Hydrofoil

A completely new form of craft with a stable hydrofoil hull.

Richard Hudson & Sons Limited

Medibed Dust Mite Proof Pillow

A pillow designed specifically for use by sufferers of asthma, eczema and rhinitis to reduce allergen exposure, the major cause of these allergies.

Richard Smith Musical Instruments

Smith-Watkins Soloist Cornet

A brass cornet with a unique system of interchangeable leadpipes, providing several instruments in one body that match changing playing conditions and genres.



Richardson Sheffield Limited

forme

A range of stainless steel knives which breaks with traditional form and function. Forme knives are ergonomically designed, seamless, and attractive as well as functional.

Ritec International Limited

The ScratchMask System

ScratchMask is the first system to provide remedial repairs to heavily etched and scratched glass avoiding the need for deep polishing. It then provides a chemical and physical protection.

Ritec International Limited

The Clear-Shield Plus System

A unique and innovative system for the renovation, protection and maintenance of glass. It upgrades ordinary, high-maintenance glass into 'non-stick', easy-clean.

RM plc

Living Library

An educationally orientated Internet service bringing together a range of information sources including reference material, newspaper archives, picture libraries and web site links.

RM plc

RM Maths Learning System

A software package designed to support the teaching and learning of numeracy skills for children aged four to ten.

Robert Cullen & Sons Limited

Cull-Un Pack

United Nations certified pack for hazardous chemicals. The pack is made from 100% recycled material, consisting of two moulded pulp inserts and an outer carton.

Roche Products Limited

Saquinavir

The world's first HIV protease inhibitor was discovered and developed in the UK. This class of drugs revolutionised AIDS therapy resulting in reduced disease progression and improved survival.

Roland Plastics Limited

STRIDA 2

A folding cycle suitable for short-distance commuting and ideal for linking transport systems in cities, manufactured in rustproof and maintenance-free materials.

RolaTube Technology

Bi-stable Reeled Composite

BRCs are composite materials which can repeatedly deploy from reels to form rigid structures. BRC Remote Inspection Systems deploy cameras long distances from compact units.

Rolls-Royce Industrial Controls Limited

Rigel High Intensity LED Technology

'Rigel' is an optical system for road signage. It enhances the legibility of Variable Message Signs (VMS) so drivers can read the messages more easily.

Rolls-Royce plc

Trent

An extremely efficient, environmentally friendly, low-cost, lightweight, aircraft engine.

Rompa International

Q Chair

A vibro-acoustic chair designed to be used in conjunction with a range of multimedia facilities. It aims to augment the user's sensory experience, creating enhanced, intimate reactions to music and other media. Has therapeutic and educational applications.

Rompa International

Tac-Tile Sounds System

A versatile, therapeutic, educational, recreational system which delivers sounds through vibration which can be felt by people who cannot hear sounds in the usual way.

RoofKrete Limited

RoofKrete® System 4

A low cost, seamless, 6mm thin, flexible mineral stone waterproofing membrane that is fireproof, traffic proof, non-toxic, sustainable, recyclable, environmentally and user friendly, with a 100 year life.

Rotilt technology Limited

Rotilt ergonomic handles

Rotilt Ergonomic Handles provide a new way of holding products incorporating greater comfort and control and reduced strain/injury.

Rotorflush Filters

Rotorflush Self Cleaning Filter

Self-cleaning filter for attachment to the suction hose of a wide range of pumps which filters down highly contaminated liquids to 100 microns without blocking.



Rover Group Limited
Land Rover Freelander

A compact 4x4 in several versions with 3 and 5 door body styles complementing Land Rover's range in the leisure sector.

Rover Group Limited
Hill Descent Control

A patented system that electronically controls vehicle speed on hill descent developed for use on Land Rover products.

Royal Mail
Royal Mail Millennium Stamps

Commemorative and collectable products conveying powerful messages about the UK, its culture and achievements of the past 1000 years to the British people and the rest of the world.

Royal National Institute for the Blind
RNIB Talking Scientific Calculator

A battery operated calculator designed to meet the needs of visually impaired students up to degree standard.

Royal National Institute for the Blind
Tactile Globe

A 38 cm spherical globe with colour contrasted land areas and rotating axis stand. The major countries/continents are detachable from the globe.

Royal National Lifeboat Institution
Severn Class

The Severn Class Lifeboat is the most advanced full time afloat lifeboat ever built by the RNLI.

Rutland Gilts Limited
Telephone Adaptors and Extension Sockets

A new range of telephone accessories using solid wire technology making the inclusion of PCB boards redundant.



S. P. Marine Limited
Boat Scrubber

A drive-in car wash for boats. This unit scrubs the underwater section of boats whilst still afloat, reducing the need for toxic antifouling.



S.O.S. Limited

Hyperlite

Emergency evacuation hyperbaric stretcher; portable folding recompression chamber used to repressurise a diver/aviator following pressure related illness.

Saf-T-Glo Aerospace Limited

Saf-T-Glo Pathfinder

An innovative non electrical system of high intensity floorpath lighting enabling safe emergency evacuation of large aircraft using advanced photo-luminescent technology.

Safeglass (Europe) Limited

Safeglass

Material which mimics glass but breaks into harmless pieces which can be handled safely. Used in break-glass emergency equipment. Glassware range being developed.

Saferidge Limited

The Saferidge

Combines weatherproofing with a mobile attachment eye for an operatives harness, allowing safe working conditions upon roofs.

Safeway Stores plc

Shop and Go

A new way of shopping which eliminates queues at the checkout by allowing customers to scan their own goods.

Sainsbury's Supermarkets Limited

Radio Frequency Tagging in the supply chain

Tagging of crates of produce and perishable stock as they move through the Sainsbury's supply chain, allowing complete inventory accuracy.

Sainsbury's Supermarkets Limited

Avoscan

An on-line maturity meter, so accurate and reliable that avocados and other exotic produce can confidently be purchased at peak ripeness every time.

Sainsbury's Supermarkets Limited

City Petrol and City Diesel

The first motor fuels to be formulated to the ultra-low emission and pollution standards set by international vehicle manufacturers.



Sainsbury's Supermarkets Limited

Fresh-Check

Labels that cleverly mimic the rate of spoilage of chilled foods at different time and temperature combinations to predict the last acceptable day for consumption.

Sainsbury's Supermarkets Limited

Microban

An organic compound which acts as an antibacterial protector by being incorporated into plastic food handling surfaces, such as a chopping board.

Salt.

Beam Blind

Allows varying degrees of light to enter the room. Fluorescent or reflective fibres may allow the windows to remain light source at night creating an ambient glow.

Sanford UK Limited

Berol Autoseal Ink

The first ink to self-seal around a pen nib to prevent drying out when a pen top is left off for up to one month.

Schlumberger Limited

Swift Steerable Rotary Drilling

SRD is a high performance steerable drilling system for oil and gas wells.

Schrader-Bridgeport International Inc.

Remote Tyre Pressure Monitoring System

A device that measures vehicle tyre pressure using pressure sensors in the wheels which transmit the data via radio-frequency to a receiver/display on the dashboard.

Scientific Generics Limited

PMR

A novel and patented technology that enables data to be read from a low-cost magnetic tag without the need for line of sight.

Scimat Limited

Scimat 700/30 & 700/35

A new type of membrane used in the production of rechargeable batteries.

Scorpion Arresting Systems Limited

Scorpion Barrier Posts

Low cost crash rated barrier which was previously unavailable. This post will take a direct hit from a vehicle and stop it immediately, up to large trucks.



Scottish Provident UK

SELF ASSURANCE

A protection insurance product developed as a 'menu of benefits', from which our customers can select a tailor-made solution to their individual needs.

Scottoiler (Scotland) Limited

Scottoiler Universal Kit

The Scottoiler is an automatic chain lubrication system for motorcycles that extends chain life by up to seven times.

Scottoiler (Scotland) Limited

Scottoiler Bicycle Chain Lubrication System

The system will clean and lubricate the bicycle chain whilst the bicycle is in use.

Sealit Engineering

Tidyjoint

Reusable breakaway safety joint for fitting to any make of hospital curtain track system to prevent attempted suicide by mental/psychiatric patients.

Seaward Electronic Limited

Supernova - Portable Appliance Tester

A microprocessor controlled advanced portable appliance tester for testing the electrical safety of a comprehensive range of portable electrical and electronic equipment.

Sedbergh School

Max Seat

The Max Seat bolts onto a water ski board and provides sufficient comfort and support to enable a disabled person to water ski.

Select Software Limited

Fluorescent Lamp Dimmable Ballast

World's first universal digital dimmable high frequency ballast for all types of fluorescent lamps from 2.4M 100 watt to compact fluorescent.

Sensor Systems Watchman Limited

Tank Signal System

A system allowing fuel suppliers to monitor consumers' tank levels for them, resulting in fewer, more efficient road tanker journeys and avoiding run-outs.

Serck Heat Transfer Limited

Exhaust Gas Cooler

The product cools the exhaust gases of a diesel engine, which improves reburning of the gases and gives a significant reduction in noxious emissions.



Sesame Access Systems Limited

Sesame Access Systems

A disabled access facility converting existing steps rising up to one metre into a wheelchair lift and which after use returns to conventional pedestrian stairs.

Shackleton Chain Link Company

Shackleton 14mm Patent Security Chain

The chain consists of individual links which can be quickly and simply latched together by the user to create a high level security chain of any length

Shark Group

Airpocket & Airpocket Plus

Airpocket and Airpocket Plus enable passengers to overcome "cold shock" and safely re-breathe their own exhaled air whilst escaping from a helicopter which has ditched in the sea.

Sibelius Software Limited

Sibelius 7 v3.5

Unique, simple desktop publishing program for music notation designed for classical musicians.

Sibelius Software Limited

Sibelius for Windows

Sibelius for Windows is the only integrated solution for writing, playing back and publishing music either on paper or electronically, including via the Internet.

Sibert Technology Limited

Digital microProbe (DmP)

An instrument to detect and measure decay and growth rings in living trees and cut timber.

Signal House Limited

Solid state colour light

Multi-aspect signal light for rail use using Light Emitting Diode (LED) technology.

SigNET (AC) Limited

SigNET LS

A groundbreaking, digitally distributed life-safety public address system, fully compliant with British Standards, integrated with the fire detection system, in use at Chek Lap Kok Airport.



SILT (UK) Limited

Wing Excavator

A heavy, hydro-dynamically stable platform which has thrusters to fast dig and back fill in difficult sub-sea terrain.

Simpson-Lawrence Engineering Limited

Sprint Anchor Windlass Range

A high efficiency, easy installation, electrically powered winch for raising and lowering the anchor and chain on boats of 5 to 21 metres in length.

SIMUL8 Corporation

SIMUL8 Software

Allows managers to easily build an animated copy of a process on their PC; testing ideas and decisions before they reach the real process.

Simutech Limited

Medical Simulation Systems

A series of products, developed for the medical profession to simulate the function and look of the human body.

SISIS Equipment (Macclesfield) Limited

Ecospray

A new design of insecticide sprayer which reduces drift.

Skipnet

Skipnet

Skipnet is an elasticated net for using on skips mainly behind bars. It eliminates breakages and the need to bend into the skip for emptying.

SKYSTREME UK Limited

SKYSTREME

An inflatable, radar-reflective, visual location marker for outdoor pursuits.

Slingsby Engineering Limited

Olympian

A workclass remotely operated vehicle designed for subsea intervention and construction support operations to depths of 3000m.

Smart Fibres Limited

Optical Fibre Strain Monitoring System

This product pioneers the measurement of strains within composite materials, overcoming many of the traditional limitations with surface mounted strain gauges.



SmartWater Europe Limited

SmartWater

A crime prevention system allowing the tracking of marked items after theft, as well as the marking of the thief.

Smith & Nephew Rehabilitation

Liftmaster

A modular patient handling device to transport patients with ease, in comfort and security in the widest variety of positions (standing, sitting, lying).

Snugpak by Brett Harris Limited

Microdive Suit

An insulating diving undersuit that is lightweight and warm. Even when the dry suit has a leak, the fabric fill will push moisture to the surface.

Sonardyne International Limited

Sonardyne Big Head USBL Transceiver

The Sonardyne "Big Head" Transceiver is an innovative type of acoustic device that allows mobile drilling vessels to obtain accurate subsea positioning information in deep water.

Sondex Limited

Memory Multifinger Imaging Caliper

An instrument deploying an array of electro-mechanical sensors in oil wells to generate a picture of the condition of the steel casing.

Sonifex Limited

Courier

Compact, battery powered digital audio recorder designed for journalists in field applications and digital news gathering.

Sound Alert Technology plc

The Localizer

A new siren for rescue services that 'directs' sound, causing less confusion for drivers.

Sound Alert Technology plc

Localizer Egress Beacons

When you cannot see emergency exits, as a result of smoke or a visual disability, Localizer Egress Beacons provide a lifeline to vital escape routes.

Soundalive Limited

Interpreter Mait 2

A highly advanced hand held audio tour guide system. Can change commentaries on languages in 5 seconds. It has 5 hours of stereo which can be easily added to. Being used at the Dome.



Southampton Innovations Limited

Eco Biotic Trap

An innovative device for trapping cockroaches in food preparation areas.

Southampton Innovations Limited

PolyAna

Mobile spectroscopic identifier which enables the accurate identification of plastics in preparation for recycling.

Southampton Innovations Limited

Autosub

An autonomous, intelligent submarine used for collecting detailed marine survey data.

Spaldings (UK) Limited

Truecraft Bead Breaker

Provides quick, easy breaking of tyre beads without damage to rim or tyre. A quick and comparatively cheap method of removing tyres.

Speakerbus Limited

SB 534 Desk-Top Video System

Enables instant connection voice/video calls to be made from a users desk without the need for expensive and complicated video conference facilities.

Specialist Structures Limited

ibexs

An integrated building and exhibition system which offers new and exciting opportunities for creating multi-storey buildings, platforms, walkways and bridges whatever the location.

Spectrum Technologies Limited

Capris 50

A laser wire marking system that indelibly marks electric wires by laser with information for use in aerospace industries.

Speech Machines

CyberTranscriber

An internet-based transcription service which automatically records and transcribes a document from a customer phone call.

Spemby Medical Limited

Selector® Integra

The Integra is an ultrasonically powered system principally intended for cranial neurosurgery allowing 'keyhole' removal of tumours with reduced risk to patients.



Spembly Medical Limited

The Keeler Cryomaster

Used in eye surgery, an ophthalmic cryosurgical system including unique end freeze cryoprobes for safe and efficient cryoablation of the human eye.

SPES Technology Limited

SPES®

A new and highly effective self-administered pain relief system, with which patients at home can passing minute electrical pulses through brain regions which control incoming painful sensations.

Spinal Products Limited

Harley Designer Pillow

UK's first moulded memory pillow. Cast from visco elastic memory foam which uses patients' heat and weight to mould to their individual shape.

Spork (UK) Limited

Spork

A stainless steel fork with a narrow cutting blade welded to the tines with sharpened profiles providing a revolutionary approach to digging.

SPSS UK Limited

Clementine

Finds patterns in computerised data, can help businesses and consumers reduce junkmail, uncover fraud, discover new medicines, locate profitable customers, identify best practice in healthcare and predict demand or sales.

SSEYO Limited

Koan Pro 2

Software authoring tool for creating generative music on Internet sites or PCs.

SSL International Limited

Durex Avanti

The world's first male polyurethane condom.

SSP Consulting Civil and Structural Engineers

Masonry Arch Repair and Strengthening System (MARS)

The repair and strengthening of masonry structures using a grid system of covert retrofitted small diameter stainless steel rebar encapsulated in a structural adhesive.

St. Matthew's R.C. High School

The Phoenix Centre

A support base for pupils whose challenging or antisocial behaviour places them at risk of exclusion, with the aim of full reintegration to mainstream.



Stairguide UK Limited

Stairguide

A moving mechanical hand-rail to help the elderly and unsteady get up and down stairs safely.

Stand Easy Equipment Limited

Stand Easy Range of Mobility Aids

A range of chairs which assist sitting/standing and avoid lifting strain by attendants, without springs or motors, which, with castors, avoids wheelchair transfer.

Staplethorne Limited

Xtra-Sense Display Alarm

Xtra-Sense Display Alarm is an innovative, non-contacting and invisible security system for protecting multiple items on display (china, jewellery, etc.) without requiring conventional tag or wire attachments.

Star Refrigeration Limited

Ammonia Thermosyphon Cooling System

A high efficiency water chilling plant automatically providing 'free cooling' at low ambient temperatures. It uses up to 80% less electricity than comparable chilling plants.

Star Syringe Limited

K1 Autodestruct Syringe Technology

A universal design to make disposable 'single use' syringes, designed to reduce the spread of blood carried diseases (HIV and Hepatitis B).

StarLight Therapy Tables Limited

StarLight

An ultra lightweight, portable massage table - weighing just 15lb (average weight of other tables - 30-35lb). Ergonomic and innovative, the table employs several state-of-the-art technologies.

Stedner Limited/Sunrise Medical Limited

HillMaster

A combined parking brake and rollback prevention device which improves access for manual wheelchair users by enabling them to safely maintain control of the wheelchair on slopes.

Sterilox Medical (Europe) Limited

Sterilox

Cold sterilisation solution (biocide) used in systems to disinfect sophisticated and heat-sensitive medical instruments.



STNC Limited

HitchHiker

Software within a cellular phone that allows the user to access an unlimited range of information services such as Yellow Pages and train timetables, anywhere, anytime.

Stollery Designs

The BOTTLE Boat

An innovative, low cost, high performance radio sailing boat created with recycled materials. Model yachting's 'Go Kart': simple, bare essential mechanics but incredibly responsive performance.

Stoves plc

Rotostar

A more efficient gas oven operating on a burner head placed within the fan, which rotates at high speed allowing the oven to heat faster and more evenly.

Strathclyde Firemans Personal Alarm Company

Respiratory Automatic Distress Signaller (RADS unit)

A breathing or movement monitor which attaches to fire fighters' breathing apparatus and instantly alerts incident control and nearby fire fighters if the wearer is injured or incapacitated. Also a built in evacuation paging and homing beacon.

Sub Zero Technology Limited

Vapour Management Bag

A three fabric layered sleeping bag that actively transports moisture away from the body and traps it within two layers, for removal later on.

Submarine

Ursula

Elliptical free-standing stainless steel (304 Grade) bathtub, with rounded top edge, entirely hand-fabricated, invisibly (seamless) welded and mirror polished throughout with all dimensions flexible to suit requirements.

Sunrise Medical - Parker Bath Division

Series 420 Assisted Bathing System

A uniquely contoured pre-fill bath that reclines, is height adjustable, has side door access and NHS approved thermostatic water systems - all for comfort and safety.

Supercart Europe Limited

The Supercart Trolley

An all plastic supermarket trolley made from HDPE plastic. Customer preferred, being half the weight of wire trolleys, therefore easier to push, rust free, easier to repair and maintain. Recyclable.



Supertube Associates

Supertube

Supertube Clip In Cable Management Company overcomes problems of surface trunking. It encloses all electrical services safely, neatly and conveniently and stops disruptive emission of frequency noise.

Surface Inspection Limited

Flawmaster® 3000

System to inspect ceramic tiles during production for all forms of surface defects and automatically grade them using digital image processing technology.

Survey & Development Services Limited

VideoRoute

An image capture, processing and software system to deliver geo-referenced video images linked to geographic information systems.

Sustainable Control Systems Limited

Power Provider

An innovative alternative to the domestic electricity meter that provides cost-effective electricity to poor people in developing countries.

Sustrans

Cycle Route Maps

The official route maps of the National Cycle Network. There are currently twelve maps available covering all of the UK, with more published in the next year.

Sustrans

The National Cycle Network

An 10,000 mile network of high quality, safe cycle routes: 50% traffic-free, 50% on-road, such as minor roads and traffic-calmed sections.

Sutton Vane Associates

Tsola

A light which gathers sunlight during the day and, at dusk, automatically turns itself on and glows through the night, using no electricity and no wires.

Sycamore Origination Limited

SpinGrip Outsole

A football boot with a unique arrangement of cleats or studs around the circumference of the sole, reducing rotation injuries to knee and ankle.

Sylaco Limited

PipeMate

A tool that measures and records oil industry drilling tubular lengths using a laser and handheld data logger.

Symbio**Symbio MycoForce**

A range of mycorrhizae (symbiotic fungi) soil bacteria and nutrient inoculants, to revive stressed trees, improve plant and tree growth, reduce fertiliser requirement and increase plant disease resistance.

Symphony Environmental**Tuffy® SPI-Tek™ 100% DEGRADABLE POLYTHENE SACKS**

A range of 100% degradable polythene sacks, manufactured to degrade within varying time scales from 60 days to 5 years depending on the product's application.

Symbiosis [A division of Synoptics Limited]**ProtoCOL**

ProtoCOL automates the measurement of bacterial contamination, and the efficiency and potency of antibiotics.

Syncroscopy [a division of Synoptics Limited]**Auto-Montage**

Creates a perfectly focused image in close-up when conventional microscopy and photography cannot.

Synetix**HYDECAT™**

HYDECAT™ converts sodium hypochlorite from a potentially harmful mixture to benign salt solution and oxygen. Effluent is passed through the catalyst bed using gravitational feed.

Syngene [a division of Synoptics Limited]**GeneGenius**

An instrument used to record, store and analyse information from DNA and protein fingerprints in Life Science Laboratories.

Synoptics Limited**Montage Explorer**

Montage Explorer creates ultra-high resolution, perfectly focused images which are unattainable by other means.

T&N Composites**Nimbus**

A twin layer aluminium insulator designed for the automotive industry.



T.F.W. Dixon & Son Limited

Fiberlok

Fiberlok has been developed as a fixing system which allows the economic fitting of hot face linings to kilns and furnaces to mitigate environmental problems.

TA Instruments Limited

Micro - Thermal Analysis

A new technique for scientists that combines the visual power of microscopy with the characterisation power of thermal methods.

Tacktick Limited

Tacktick Race Compass

The ultimate sailboat racing aid which combines a compass, windshift display and start timer into one simple solar powered package.

Tactile Colour Limited

Tactile Colour

A new standardised identification system which enables visually impaired people to recognise colour by touch.

Tactile Colour Limited

TACTILE COLOUR JIGSAWS - Geographical Range

Geographical jigsaws using Tactile Colours' textured colours to differentiate areas by both touch and sight. Accessible to people with visual impairments and sighted people as an educational and leisure aid.

TAG Electronic Systems Limited

TAG-2000 Powertrain Control System

Used by four Formula One teams in 1998 and 1999, the Tagtronic TAG-2000 System provides complete control and optimisation of a racing car's performance.

Tandberg Television

Digital Terrestrial TV Solutions

NDS offer innovative products and services to provide terrestrial broadcasters with the technology infrastructure they require to broadcast digitally.

Tandberg Television

DENG (Digital Electronic News Gathering)

A revolutionary new mobile TV broadcasting system, which offers significant picture quality improvements in built up areas. This product will enable creative production content opportunities which current technology does not.



Tangozebra Limited

N-XEC

N-XEC enables website designers to include sophisticated audio-visual content with total control over timing and delivery for automatic reception by users anywhere.

Tapmagic Limited

Tapmagic

A tap insert that provides a spray under low flow conditions, suitable for teeth cleaning, rinsing etc. When the tap is opened further it automatically transforms to full flow.

Tapoff Limited

Tapoff

An electronic stopcock that enables easy access, ease of use, total reliability and protection against frost damage.

Target Fastenings Limited

Helical Pile

A new tool for underpinning, this is a hammer-driven helical pile that rotates as it is installed using lightweight equipment to give additional support to failed construction footings.

Taylor Hobson

Talyscan

A unique method of rapidly gathering and displaying three dimensional surface features with further analysis is provided through a Windows-based analysis package.

TDI Advertising Limited

Electric Paper

Electric Paper glows when a current is passed over it enabling posters on bus sides to be illuminated effectively, as if they were backlit.

TeacherBoards (1985) Limited

TeacherBoards Literacy Presenters

A range of versatile, low cost, classroom-friendly presenters designed specifically to assist teachers with professional and ergonomic presentation during 'Literacy Hour'.

Techceram Limited

Techceram

A technology for replacing metals traditionally used to make dental restorations (crowns, bridges) with a strong ceramic to give better biocompatibility and tooth-like aesthetics.



Technical Absorbents Limited

Oasis Superabsorbent Fibre

Rapidly absorbs and immobilises up to one hundred times its own weight of water and other aqueous fluids.

Technical Moulded Systems Limited

Mono Bug Clamp

A simple clothes peg, moulded in one piece with the spring integrally attached through a live hinge that is rotated into place.

Technical Perfection (2000) Limited

The Ultimate Bike

A range of lighter, stronger and stiffer carbon monocoque cycles which utilise only the most advanced design techniques and materials.

Technical Software Consultants Limited

Alternating Current Stress Measurement

A reusable non-contacting sensor suitable for measuring mechanical stress in service on a metallic structure or component.

Technicam Limited

Neurosurgical Cranial Access Device (Triple Bolt)

A medical device for transmitting probes into the brain of patients with head injury and stroke to monitor pressure oxygen and chemistry.

Techniquest

Techniquest Phase 3

The latest development for this hands-on science discovery centre.

Technology in Healthcare

Extended Social Alarm System

A family of 'smart' automatic sensors including a fall detector has been developed for emergency use only by older people (8 epileptics) using community alarm telephones and other telecare systems.

Technology Sources Limited

Vacsim

Innovative computer programme for simulation and design of high technology vacuum systems.

TECHNOVENT Limited

MAGNA-CAP® Magnetic Attachment System

Biocompatible clinical magnetic attachments for retention of dentures and prosthetic devices which restore facial and other body defects resulting from injuries or surgical treatment of disease.



Techsoft UK Limited

Design Tools-2D Design

A CAD/CAM software package for schools, offering all facilities needed from KS2 to A Level, easily configured by teacher to suit age and ability of students.

Telefficiency

Least-Cost Routing

Telefficiency's independent least-cost routing service uses innovative technology to route customer's telephone calls, faxes and e-mails via whichever telecommunications network will carry them at the cheapest rate.

Telxon Limited

Insidetrak

A bar-code scanning software solution which gives the customer access to product ingredient information.

TermoDeck

TermoDeck

An integrated environmental comfort system in buildings involving the passage of air through cores of a precast concrete slab.

Tertio Limited

Provident

High-performance network service provisioning software designed to help telecommunication operators provide new services swiftly and cost-effectively.

Tesco Stores plc

Tesco Schoolnet 2000

A curriculum-based project for UK schoolchildren that provides both children and teachers with Information and Communications Technology (ICT) knowledge and an opportunity to document life in local communities on the Internet.

Tetronics Limited

Twin Torch Plasma System

Twin plasma system for industrial use to produce a clean controllable source of heat up to 10,000 degrees centigrade for heating/melting a variety of metallic and non metallic materials.

textHELP!® Systems Limited

textHELP!® Read & Write

textHELP!® is a vocabulary support software package which talks, types, checks spellings, predicts words and much more. It has been designed with dyslexics in mind



Thames Water

Reservoir to Tap: The Network Challenge

A hands-on educational resource to increase awareness and understanding of engineering, water treatment and supply. Supports National Curriculum Key Stage 3.

Thames Water Utilities Limited

Thames Water District Meter

Pressure and flow of water within water mains is measured, and the information transferred via radio telemetry to a computer system, helping detect leaks.

Thames Water Utilities Limited

Tunnel Air Bag

Inflated by compressed air, the bag forms a plug in the tunnel which allows operatives to pass through it, whilst stopping the migration of smoke.

The Amtico Company Limited

Stratica

A chlorine-free resilient floorcovering developed for large commercial spaces; it combines aesthetics with remarkable environmental benefits.

The Aroma Company (Europe) Limited

AromaBox

A portable unit that enables fragrant oils to be heated and distributed into the work, shopping or home environment.

The Automobile Association

AAHELP

A unique system that automates the AA's emergency breakdown incident management processes, allowing work to flow seamlessly and speedily from members to patrols.

The Body Shop International plc

Eau No! Travel Range

A lightweight, water-free range of skin and hair products for travelling, promoted by encouraging tourists to respect the environment at their destination.

The British Library

Turning The Pages

Through computer animation and touch-screen technology, the visitor can simulate the experience of turning the pages of some of the Library's most important treasures.



The Co-operative Bank

Greenpeace Card

The world's first plant-based, biodegradable credit card. A sustainable product which biodegrades into harmless materials such as : carbon dioxide and water. Traditional cards are PVC - a fossil-fuel based product.

The Corneal Laser Centre plc

ChromaGen

Colour enhancing lenses that are tinted and improve colour perception for the colour blind.

The Day Chocolate Company

Divine

Milk chocolate moulded bar 150 gram; first mainstream, high quality product on sale nationally which is fairly traded ensuring African farmers benefit.

The Dog Rose Trust

The Dorcas Project

An interactive tactile plan or form with a specially recorded commentary to give information on art, architecture and displays, especially to those who are visually impaired.

The Envirotech Partnership

The Step by Step Guide to Managing and Registering Your Packaging Obligations

Software application designed to aid companies calculate and register their packaging obligations. It will appeal to all potential users regardless of their computer knowledge.

The GeoInformation Group

Cities Revealed

High detail, full colour, seamless, map-accurate aerial photography supplied on CD-ROM. Features software for viewing, printing and export to specialist software packages.

The Home Maintenance Club Limited

Keyway Block

A complete easy-to-build house-building system which uses a dry stack block which interlocks by means of U shaped ridges and channels. Offers various finishes.

The Inner Tube

Handbag Range

Exclusively designed handmade bags made from recycled rubber inner tubes from tyres.



The Lighthouse

The Lighthouse, Scotlands Centre for Architecture, Design and the City

Scotland's first dedicated design and architecture centre, committed to raising awareness and understanding of and involvement in cultural, social, economic and educational aspects of design and architecture.

The MacRobert Corporation Limited

The Duallist

The Duallist is a drum pedal which can produce two beats for each one produced by traditional pedals, and is the first largely plastic pedal. Effectively a 'third leg' for a drummer.

The Motivation Charitable Trust

MOTI Wheelchair

A wheelchair for children with cerebral palsy who have difficulty controlling their body movements.

The Motivation Charitable Trust

The Mekong Wheelchair

A rural terrain wheelchair for disabled individuals: in Cambodia 80 wheelchairs are distributed each month to the areas where need is most desperate.

The Mott Consortium and BCJ Joint Venture (Foster and Partners)

International Passenger Terminal

Hong Kong's new airport terminal is the largest public space ever created, equalling ten Wembley stadiums and one of the few man-made structures visible from space.

The National Grid Company plc / Cranfield University

Environmental Oil Leak Sensor

A continuous environmental monitor that automatically alerts a user to the presence of all oil based chemical hazards that have leaked from pipes, cables and containment vessels.

The Open University

M206 Computing: An Object-orientated Approach

A revolutionary new Open University course which uses object technology to teach the computing skills required for the new millennium, using the World Wide Web extensively.

The Pilgrim Bed Limited

Pilgrim Bed for Asthmatic Children

Innovative sleeping system for asthmatic children sensitive to the house dust mite. Special bed with air mattress has education programme on allergen recognition and avoidance.



The Renewable Energy Company Limited

Ecotricity

Ecotricity is Europe's first and largest independent supplier of electricity derived from sources which are significantly less polluting and more sustainable than conventional fuel supplies.

The Reuter Foundation

AlertNet

Online news and communications service designed to increase the efficiency of communications for the international emergency relief community.

The Revvo Castor Company Limited

Cargocaster

An innovative new style of castor for handling aircraft cargo containers more efficiently and safely in the rapidly growing world-wide air cargo market.

The Shadow Robot Company Limited

The Shadow Air Muscle

An artificial muscle - a malleable and compliant linear actuator powered by compressed air that works in the manner of a human muscle.

The Shakespeare Globe Trust

Shakespeare's Globe

The combination of educational programme, company and theatre dedicated to rediscovering and developing the dynamic relationship between artists, audience and the unique theatre architecture.

The Sylvan Corporation Limited

Anti-Asthmatic Pillow

A membrane covered feather pillow with a vacuum air bag for use by hospitals and asthma sufferers.

The Technology Enhancement Programme

CNC Machine

A unique computer controlled measurement tool, programmed to cut metals and plastic from a set design and widely used by students in design and technology classrooms.

The Technology Enhancement Programme / Middlesex University

Alternative Science Equipment

A range of equipment which challenges design conventions, giving schools access to high-technology experiments, such as DNA analysis, at a much reduced cost.

The Technology Enhancement Programme / Middlesex University

The Chip Factory

A battery-powered system that enables pupils, students and others to design and program their own integrated circuits (chips).



The Technology Partnership plc

ChemScan RDI

A system which can detect a single bacterium in a cupful of liquid in minutes instead of the days/weeks needed in the past.

The Tellurian Devices Company Limited

Lo-Q Guest Services System

Lo-Q removes the need for theme park guests to stand in long queue lines by allowing electronic booking and scheduling of rides.

The Wolf Safety Lamp Company Limited

Wolflite Handlamp H-4DCE

A safety handlamp, operating from Alkaline batteries with a Halogen bulb, ATEX Certified for safe use in Explosive Atmospheres where encountered in Industrial Hazardous Areas.

Therma-Float Limited

Therma-Float

A thin, highly buoyant and thermally insulating textile.

Therma-Float Limited

Therma-Foil

The first material that combines foil and foam to make a lightweight thin fabric.

Therma-Float Limited

Therma-Pore

High Performance Breathable thermal interlining material for clothing application providing exceptional thermal insulation with minimum bulk.

Thermo Lignum UK Limited

Thermo Lignum Noxia Treatment

The Thermo Lignum Noxia process kills insects in extremely sensitive or delicate objects by treating them in a warm air chamber under virtually oxygen-free conditions.

Thermographic Measurements Limited

Firewatch

An indicator fixed to a door which tells you if the temperature on the other side of the door has reached such levels that it is too dangerous to open. Uses a specially constructed colour change thermometry device.

Thermomax (GB) Limited

Solamax, Solar Hot Water System

Solamax evacuated tubes generate hot water by converting solar energy into heat very efficiently even in unfavourable weather conditions of UK and northern climates.



Thomas Ferguson & Company Limited

Anti-Bacterial Tea Towel

A tea towel which has been impregnated with an organic additive to help prevent the problem of bacterial growth.

Thorn Lighting Limited

Sensa 2 Intelligent Luminaire

Self-contained intelligent high-frequency operated luminaires for general task lighting with unique variable electronically controlled light output according to available daylight and presence of occupants.

Thornbury Hill Engineering and Consulting Ltd

Technitruss Modular Space Frame Platform

A safer "Meccano" style scaffold system with the unique capacity to span large distances.

Timorous Beasties

Sub-Surface Laminates

Unique customisation of a pliable laminate, reverse printed with original 'Timorous Beasties' designs, to give a distinguished and durable finish to products not usually associated with laminates, e.g.: chairs, tables and benches.

TM Products

Grippa Universal Pipe Adaptor

A universal component that joins any type of household water pipe to new polythene mains pipes.

Tomlinson and Partners

SPACEDOME

An inherently elegant, durable, efficient, low cost system for long span weatherproof covers. Originally intended for stockpiles but leisure use appears to be an even larger market.

Tony Gee and Partners

A38 Marsh Mills Replacement Viaducts

The replacement viaducts on the A38 at Marsh Mills in Devon, in conjunction with Hochtief Construction, involved sliding new viaduct decks onto new foundations with minimal disruption for road users.

Tony Gee and Partners

Jamuna River Erection Gantry

A gantry was used to build a very large bridge in Bangladesh, which broke the world record for speed of construction for this form of structure.



TR Fastenings Limited
Aluminium Bumper Nut

A self-clinch fastener which secures aluminium bumpers to vehicles and, unlike conventional fastenings, permits the whole assembly to be recycled.

Trackcare Limited
Safety Barrier Bale

A safety bale to help protect driver and riders of racing sports, using a waste material content of approximately 60% that is available worldwide.

Tradepoint Stock Exchange
Tradepoint Stock Exchange

An order-driven stock exchange on which investment institutions and intermediaries can trade over 2,000 equities.

Trafficmaster plc
Trafficmaster PTFM

A nationwide network of sensors providing live, accurate traffic information for drivers. Covers 7500 miles of roads - saves time, reduces stress, petrol consumption and pollution.

Traka Limited
Traka

An electronic key cabinet that automatically records every user and every key taken, to create an infinite history of all key activity.

Travelman Publishing
Travelman Short Stories

Map folding unabridged short stories, colour coded into one of several categories: comedy, crime, suspense, etc. 7-10,000 words selling for £1 aimed at commuters.

Tricorder Technology plc
The Tricorder

A 3D image capture system that produces accurate data of skin surface and volumetric geometry. The Tricorder is the first instantaneous-capture system of its kind in medical use.

Tritec Developments Limited
TCII+

A compact cleaver which precisely cuts optical fibres and innovatively stores offcuts.

Troon Golf Products Limited
StanceMaster

An all-round golf training aid which monitors the relationship between the golfer's stance and the golf ball.

TRW Lucas Varity Electrical Steering Limited
Electric Power Assisted Steering

EPAS allows 5% reduction in fuel consumption and carbon dioxide emissions, 100% recyclability with no environmental contamination, and improved safety under engine stall conditions.

Turnwright Limited
Turnwright Community Bed

A lightweight hospital type bed which comes to pieces for easy transport and installation.

TWI
Friction Stir Welding

Friction Stir Welding is a new technique for joining aluminium alloys and other high melting point materials by 'mixing' metals together.

U

UCB Films-Osmotics Division
Cellopore

Self-contained sachet which converts microbiologically unsafe water to safe water for drinking or use in conjunction with rehydratable foodstuffs and medicines for oral consumption.

Ultra Electronics Limited
UltraQuiet Cabin

A noise and vibration reduction system which uses active vibration technology to produce a very quiet and calm cabin in turboprop aircraft.

Ultra Electronics, Controls Division
Hub Integrated Power Switching System

The Hub Integrated Power Switching System (HIPSS) generates electrical power used to protect against icing in the propeller hub, eliminating need to transfer airframe power to the hub.

Universal Master Products Limited
eNDOSeAL

A 100% gas-tight sealant to prevent leaks of refrigerants from flare joints, helping to prevent ozone depletion and global warming.

Universal Master Products Limited
Endo-Therm

Food simulant refrigeration thermometer that enables users to check temperature of refrigerated food, accurately, cheaply and without using probes.

University of Cambridge

Iris Recognition

Computer software that achieves personal recognition using mathematical calculation from the iris.

University of Hertfordshire

Environmental Management for Agriculture (EMA)

EMA is computer software that helps farmers adopt good agricultural practices to protect the environment within the framework of a viable business.



V&A Marketing Limited/Haberman Associates

Anywayup Cup

A toddler's training cup incorporating a patented, unique valve which only allows liquid through when the child sucks the spout, ensuring no more spills.

Valiant Technology

Inventa

An educational design & make system that consists of plastic components, raw materials and teaching resources offering a complete solution for design technology in primary schools.

Valiant Technology

Roamer

One of the world's best-selling educational robots. This innovative technology is now standard equipment in British Primary Classrooms and spreading to schools around the world.

Valpar Industrial Limited

DockSafe Marine Fender

A unique fendering system for marina pontoons, enabling leisure boat owners to moor boats safely, even at night, with cushion protection against hull damage.

VAX Limited

Sahara

The VAX Sahara is a revolutionary floor cleaner that hygienically washes hard floors dry.



Virtual Surgery Limited

Shoulder Arthroscopy Simulator

Keyhole surgery trainer (computer-based) that replays images in response to motion tracking system controlled by the surgeon. Part of integrated training and assessment system.

Vision Engineering Limited

Cobra

An expanded pupil microscope that incorporates a new eye-piece that allows greater movement of the user's head without loss of image quality.

VLSI Vision Limited

VISION USB

A digital desktop video camera.

Voltech Instruments Limited

AT3600 Transformer Tester

A self contained station allowing a wide range of tests for manufacturers at higher speeds than conventional test equipment.

Volvo Aero Turbines (UK) Limited

VT 600 CHP System

Volvo's competitive and environmentally responsible industrial 600 kW gas turbine supplied and fully financed to provide cost-effective electricity and high grade heat to meet the needs of the consumer.

Vu-Data UK Limited

Run Time Recorder (RTR)

The RTR is a compact, cost-effective device for monitoring the total operating time of a product and for storing manufacturing, ownership, usage and service data.



Waitrose Limited

WAITROSE@work

A service that allows office workers to order groceries using the computer screen on their company's Intranet with the order delivered to the office and taken home after work.

Wallace, Cameron & Co., Ltd

First Aid Dispenser

A unique semi-automatic opening first aid dispenser combining exceptional design with durability and function. The first major innovation in its field for 45 years.



Ward Wings Limited
Ward Wings Substrate System

A polystyrene product to support modern strawberry production.

WarmWorld UK Limited
Dataterm IHC

Intelligent heating control which by use of a micro processor and developed software saves 25% of heating costs, and gives more comfort.

Water Matters Limited
Smart Plumbing

Advanced domestic and commercial water management with simple controls, low maintenance and non-toxic chemicals, providing savings of 30%.

Water Solutions (GB) Limited
Waterfree Urinal System

Urinal System that requires no water. Device housing unique one-way valve which self-seals after fluid passing through.

Waterfuse Limited
Waterfuse

"The fuse-box for your water supply". Waterfuse monitors every demand for water - closing off the supply automatically in the event of a burst or leak.

Waterless UK Limited
Waterless Urinal System

Environmentally friendly urinal system using no water, remains clean, seals damage so no odour emerges and collects all sediment natural to urine so limescale is impossible.

Wearable Clothing Limited
Wearable Clothing

A unique range of clothing, including casuals, formal wear and waterproofs designed and made for wheelchair users and other disabilities. The 'special measure service' guarantees we can supply for any size or disability.

Weighwell Engineering Limited
Portable Train Weigher

A unique portable weighing machine, light enough to be carried by two men yet powerful enough to weigh a railway train in any location.

Welland Medical Limited
Impact Colostomy Bag

Impact: a unique colostomy bag that transforms its users' lives by enabling them to dispose of their used appliances hygienically and conveniently, down the toilet.



Wellbywater Limited

Pooltronix 2000

A swimming pool electrolysis system which converts small quantities of salt into chlorine in swimming pool water and controls pH automatically.

Wessex Water

Biogran

Biogran is an environmentally friendly soil conditioner manufactured from thermally dried sewage sludge. It is a clean, dry granule used both in agriculture, land restoration and amenity markets.

Weston Medical Limited

Intraject

Needle-free injector for liquid drugs.

Weston Williamson Limited

Cast Iron Cladding Panels

Vitreous enamelled cast iron cladding panels co-ordinated with structural cast-iron segments at London Bridge Jubilee Line Station.

Wheelsafe Limited

Wheelsafe Squirrel

A heavy-duty, one-piece, high-tech, impact-resistant, fibre-filled nylon ring designed to retain wheel-nuts when unexpected loosening occurs.

Whipp & Bourne

GVR Auto-Recloser

A switch that cuts off power if a fault occurs, automatically reconnecting it if the fault is transient, and locking out if it is permanent.

Whitby Bird and Partners

The Merchants Bridge

A 70m long pedestrian bridge over a canal junction in Manchester, fabricated from steel with a central span of 38m.

Widgit Software Limited

Writing with Symbols 2000

A talking word-processor which illustrates words as they are written. Users unable to read text can write by selecting symbols from a grid.

Wilkinson Eyre Architects Limited/Flintt & Neill Partnership

Lockmeadow Footbridge

Lockmeadow Footbridge combines contemporary materials, including aluminium and carbon fibre, in a technically innovative and visually dramatic response to a demanding brief and historic setting in Maidstone, Kent.



Wilkinson Eyre Architects Limited/Hyder Consulting Limited
Portable Toilet Pods

Self-contained mobile toilet cubicles for use in temporary situations.

Wilkinson Eyre Architects Limited/Hyder Consulting Limited
Stratford Regional Station

The new station's form integrates function, structure, climate and lighting control in an innovative manner to provide a dramatic focus for Stratford's transport interchange and regeneration plans for the new millennium.

Wilkinson Eyre Architects Limited/Whitby, Bird & Partners
Challenge of Materials Footbridge

An interactive glass and steel footbridge which extends the use of modern technology and design to demonstrate material capability and challenge conventions of bridge-making.

Wilkinson Sword Limited
Protector 3D

The first razor to offer a 3 dimensional movement with a new double-swivel blade cartridge which moves vertically and laterally.

Wilksch Airmotive Limited
CITEC Diesel Aircraft Engine

CITEC is a new technology light aircraft engine range which will replace outdated existing engines and offer easier operation, lower operating costs and safer flying.

Willan Building Services
Passivent Commercial

A low-energy, environmentally friendly natural ventilation system which offers night cooling vents and passive stack vents, among other alternatives. Willan also offers a ventilation design service.

William Clark and Sons Limited
Tailorlux

A system which utilises adhesive technology to achieve a tailored garment by fusing the interlining to the material, replacing the need for sewing.

William Levene Limited
Hot Cafetiere

An attractive table-top cafetiere which keeps coffee hot for up to 90 minutes using an insulated protective sleeve.

WingTek plc
ZEFYR 43

The ZEFYR 43 yacht features a wingsail system controlled by computer.



WINLOCK Security Limited

The Slide Safe Auto Safety Device

A unique, simple, easy to fit and use automatic safety device for sliding patio doors to prevent fingertip crush injuries especially to younger children.

Wintonfield Systems Limited

CINetracker® & NARAtacker®

CINetracker® is designed to help the visually impaired enjoy film at the cinema. It allows them to discretely listen to additional descriptions of on-screen action.

Wireless Systems International Limited

greenbox™

greenbox™ is a remarkable, new base-station amplifier designed to provide the most efficient, cost-effective platform for second and third generation cellular networks such as GSM and UMTS.

WiseMoney.com Limited

WiseMoney.com- the financial services search engine

A unique interactive web site that allows customers to receive the best instant online quotes and applications for loans, mortgages and insurances.

Wolfson Electrostatics

Tribopen

A hand held device that provides a simple and inexpensive solution to the problem of discriminating between very similar types of plastic.

Worcestershire County Council

Weobley Schools Sustainable Development

Rural primary school built by local council as sustainable energy project, incorporating best practicable energy-management systems and heating using sustainable-production wood fuel.

WorkMobile Limited

Spider

Unique wheeled raised platform with propulsion mechanism designed for use by decorators and electricians.

Worthington Richardson Designs

ENDO STITCH/ArthroSew

Keyhole surgery instruments that allow surgeons to suture with greater ease.

WOW Toys

Educational Toys

A range of innovative, fun role play educational toys for pre-school children. The toys are designed to be multi-functional and 'child powered', not battery operated.



WRc plc

Sahara

Sahara is a novel system for precisely locating leaks in water mains. WRc provides rental service of system to water companies.



Xantak Chemicals Limited

Tyresafe

Used as a protective treatment for pneumatic tyres, Tyresafe is added to the tyre before use and seals punctures permanently as they occur, preventing flats.

XeneX International

The XeneX Paver System

An advanced, interlocking concrete block paver, for machine laying on airfields, docksides and heavy-duty projects requiring optimum pavement performance.



Yellow Pages / Johnson Banks Design Limited

Yellow Pages Directory Re-design

Published in 78 editions across the UK, Yellow Pages is the definitive directory for everything from plumbers to parachute makers.

York Sensors Limited

DTS 800 SR

Equipment which enables the temperature in oil wells to be monitored allowing steam, used to release viscous oil, to be kept to the minimum temperature required, resulting in the most energy-efficient extraction.

Yorkon Limited

Yorkon Room Module

A construction module that offers continuity and reliability of construction through standardisation of factory production for both commercial and residential housing.



Zellweger Analytics Limited

SF330KM

A carbon monoxide detector for use in consumer applications.

Zeneca Agrochemicals

Amistar

A novel mode of action fungicide, created with groundbreaking technology. It is designed to protect crops and help increase yields. Inspired by a naturally-occurring fungicide, it represents the first major fungicide from a new area of chemistry in 25 years.

Zychem Limited

ZY-Tex Paper & ZY-Fuse Standard Heater

Paper and heater for the production of raised diagrams which can be read by the blind and partially sighted.

1... Limited

Digital Loudspeaker Technology

A totally new approach to loudspeaker sound production using digital signal processing to pass unprocessed sound from digital source direct to the ear.

3M Health Care

Qvar

Qvar is an aerosol inhaler for asthma treatment, which uses an ozone-sparing propellant to expel a new formulation of the UK's most widely used 'preventer' medicine.

3M United Kingdom plc

Particulate Respirator - 9300 Series

A disposable filtering face mask, designed to protect workers from breathing hazardous particles. Enhanced to provide improved comfort with an exhalation valve to reduce heat build-up and flexibility without breaking the facial seal.