



## e-GIF version 6: main changes post public consultation

### Main Structural and Presentation changes

- Part 1 both electronic and paper versions. Now includes technical policies, with hyperlink to Technical Standards Catalogue
- Part 2 electronic version only and is now called Technical Standards Catalogue.

### eGIF main changes

| Section                      | Para                 | change  |
|------------------------------|----------------------|---|
| Executive summary            | 3 <sup>rd</sup> para | “There is a strategic decision to adopt XML and XSL as the core standards for data integration and management of data” Word <b>“Presentation” removed from sentence</b>   |
| Section 1 Policy & scope     | 1.4                  | About GIF: <b>updated</b>   |
|                              | 1.6                  | Key Policies: “Interfaces between Government information systems and intermediaries providing e-government services shall conform to the standards in the e-GIF. Interfaces between intermediaries and the public are outside the scope of the e-GIF” <b>added</b>  |
|                              | 1.8                  | Scope: “UK Government and Intermediaries” <b>text added</b>   |
|                              | 1.10                 | Scope: “_e-GIF coverage extends to Scotland as a result of the Scottish <a href="#">Information Age Government Framework for Scotland</a> ” <b>text added</b>   |
| Section 2 Technical policies | 2.3                  | “Unless security requirements dictate otherwise, outside the GSI and other secure government networks one of the following shall be used: S/MIME or secure mail transport and secure mail access standards protected using at least 128 bit TSL/SSL connections” <b>added</b>   |
|                              | 2.5                  | When Web services are used they shall to be based on SOAP and WSDL specifications. <b>Added</b>   |
|                              | 2.6                  | Registry functions for Web services shall be provided by UDDI compliant systems. <b>Added</b>   |
|                              | 2.11                 | <i>Intermediaries</i> . The e-GIF policy for the interface between intermediaries and government systems to conform to the web service interface standards being developed under the WS-I initiative and OASIS. <b>Added</b>  |
|                              | 2.12                 | <i>Migration to IPv6</i> . The e-GIF policy is for a gradual migration to IPv6, maintaining coexistence with IPv4. Our advice for new procurements is to support co-existence of IPv4 and IPv6 networks and procure dual IPv4 and IPv6 enabled products when it is cost effective to do so. <b>Updated</b>  |
|                              | 2.13                 | <i>Wireless LANs</i> There is an increasing business requirement for mobile computing within government to enable more flexible working patterns. Wireless LANs solutions based around the IEEE 802.11 series of standards are well supported in the market place. A useful technical background on the WLAN vulnerabilities and means of mitigating their impact is NISCC Technical Note 04/02, see <a href="http://www.uniras.gov.uk/">http://www.uniras.gov.uk/</a> . Existing |

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|  |       | guidance on the use of wireless technology within government limits wide take-up outside certain well defined situations. With this in mind, CESG, Office of the e-Envoy (OeE) and Open GIS Consortium (OGC) are together considering the development of a standards based approach to enable wider deployment of wireless within government. IP-SEC can be used for wireless LANs for government information of the lowest protective marking (RESTRICTED) providing implementation, configuration and operation are in accordance with CESG's Manual V. For further advice please contact Harvey Mattinson, <a href="mailto:Harvey.Mattinson@cabinet-office.x.gsi.gov.uk">Harvey.Mattinson@cabinet-office.x.gsi.gov.uk</a> <b>Updated</b> |
|  | 2.20  | Data integration, Forms.<br>An XML output shall be provided for forms data entry <b>Added</b>   |
|  | 2.21  | Future versions of e-GIF will mandate standards for XML based forms with best practice guidance on their use: current guidance is to require forms data to be exchanged using XML. The applicability of the XForms specifications as defined by W3C to the e-GIF is under review by the e-Forms Working Group.<br><b>Added</b>  |
|  | 2.27  | <i>Identifiers</i> . Identifiers shall be used that are appropriate to the business needs. <b>Added</b>   |
|  | 2. 28 | Persistent identifiers shall conform to the ANSI/NISO Z39.84 standard <a href="http://www.niso.org/">http://www.niso.org/</a> <b>Added</b>  |
|  | 2.45  | e-services access and Channels.<br>Video Conferencing Systems over IP <b>added</b> .<br>Voice over IP (VoIP) systems <b>added</b> .   |

### Technical standards catalogue: main changes

| Section                                  | Table/notes  | change   |
|--|--|--|
| Section 4<br>Interconnection             | Table 1<br>Specifications for interconnectivity          | status <b>added</b><br>Real Time Messaging Services <b>added</b>   |
|  | Specifications for Web Services (Table 2)                | New table <b>added</b>   |
| Section 5                                | Table 2:<br>Specifications for data integration          | Table 3 Specifications for data integration – <b>number changed</b>  |
|  | 5.1 Notes on XML and middleware                          | "Note: Although the configuration below present potential solutions, the direct XML model should be used unless there is a reason to use the indirect model" <b>text removed</b><br>Diagram <b>amended</b> |
|  | 5.2.4  | <b>Removed</b> from section 5 and now dealt with by Table 5 specifications for identifiers.  |
| Section 6<br>content management metadata | Specifications for content management metadata (Table 3) | Now Table 4 Specifications for content management metadata <b>number changed</b>   |
|  | Specifications for content management metadata           | Status <b>added</b><br>Metadata harvesting <b>added</b><br>Content syndication <b>added</b><br>Context sensitive linking <b>added</b><br>Distributed searching <b>added</b>                                |
|  | Specifications   | New Table 5 <b>added</b>   |

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|                              | for identifiers (table 5)  |  |
| Section 7 e- Services access | Specifications for computer workstations (table 4)                         | Now Table 6 Specifications for computer workstations <b>table no and heading changed</b><br>Audio/video streaming data: Ogg Vorbis and Speex <b>added</b>  |
|                              | Specifications for information access – other channels (Table 5)           | Now Table 7 Specifications for other channels <b>table no and heading changed</b>  |
|                              | Specifications for information access - mobile phones (Table 6)            | Now Table 8 Specifications for mobile phones. <b>table no and heading changed</b>  |
|                              | Specifications for conferencing systems over IP (Table 9)                  | New Table 9 <b>added</b>   |
|                              | Specifications for VoIP (Table 10)   | New Table 10 <b>added</b>  |
|                              | Specifications for information access – Smart Cards (Table 7)              | <b>Now seven separate tables and headings changed:</b><br>Table 11a Specifications for Smart Cards – data definition<br>Table 11b Specifications for Smart Cards: Applications including multi-applications<br>Table 11c Specifications for Smart Cards - electrical<br>Table 11d Specifications for Smart Cards: communication protocols<br>Table 11e Specifications for Smart Cards: physical<br>Table 11f Specifications for Smart Cards: security<br>Table 11g Specifications for Smart Cards: terminal infrastructure |
|                              | Specifications for smart cards – data definitions                          | <i>Table 11a Specifications for Smart Cards – data definition</i><br>Definitions - Government Data Standards Catalogue: <b>notes updated</b><br>ISO/IEC 7812-1 2000 <b>notes updating</b><br>eEurope: CWA 13987-1 : 2003: <b>notes updated</b><br>prEN1545-1: <b>notes updated</b><br>prEN1545-2 <b>notes updated</b>  |
|                              | Specifications for smart cards – applications including multi applications | <i>Table 11b Specifications for Smart Cards: Applications including multi-applications</i><br>eEurope: CWA 13987-2 ; 2003 Smart Card Systems - Interoperable Citizen Services – Extended User Related Information -Part 2: Implementation Guidelines <b>Added</b><br>eEurope: CWA 13987-3 ; 2003 Smart Card Systems - Interoperable Citizen Services - Extended User Related Information Part 3: Guidelines to Crating, Operating and Maintaining an Interoperable Card Community. <b>Added</b>                            |
|                              |  | MUSCLE Movement for the Use of Smart Cards in a Linux Environment. <a href="http://www.linuxnet.com/index.html">http://www.linuxnet.com/index.html</a> <b>Added</b>  |
|                              |  | UnifiedPOS. Retail Peripheral Architecture Version 1.8. June 30, 2003. Association for Retail Technology Standards. <a href="http://www.nrf-arts.org">www.nrf-arts.org</a> <b>Added</b>  |
|                              | Specifications for smart travel documents (Table 12)                       | New table <b>added</b>   |

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| Section 8 Specifications for business areas | Table 8: Specification for specific business areas | <p><b>Table 8 separated into 6 new tables</b></p> <p>Table 13 Specifications for specific business areas - miscellaneous</p> <p>Table 14 Specifications for specific business areas – e-learning</p> <p>Table 15 Specifications for specific business areas - Health and social care</p> <p>Table 16 Specifications for business areas - Finance</p> <p>Table 17 Specifications for business areas - Commerce, purchasing and logistics</p> <p>Table 18 Specifications for business areas - Work flow and web services</p>   |
|   |  | <p><i>Table 18 Specifications for business areas – miscellaneous:</i></p> <p><b>SyncML added</b></p>   |
|   | h  | <p><i>Table 20 Specifications for business areas – e-Health</i></p> <p>Health Level Seven (HL7) v3/ Sponsor: HL7-UK<br/> <a href="http://www.hl7.org.uk/">http://www.hl7.org.uk/</a> / “Individual standards will need to be ratified by HL7-UK and by the NHS Information Standards Board for use in NHS England and Wales” <b>text added to notes</b></p> <p>NHS Data Dictionary/Sponsor: NHS Information Authority/<br/> <a href="http://www.nhsia.nhs.uk/datastandards/pages/ddm/index.htm">http://www.nhsia.nhs.uk/datastandards/pages/ddm/index.htm</a> <b>updated</b></p> <p><b>SNOMED-Clinical Terms added</b></p> |
|   |  | <p><i>Table 23 Specifications for business areas – work flow and web services</i></p> <p><b>Web services added to</b></p> <p>ebXML Business Process Specification Schema</p> <p>OASIS Business Transaction Protocol v1.0 (June 2002)</p> <p>BPML 1.0 (Business Process Modeling Language)</p> <p>WSCI 1.0 (The Web Service Choreography Interface)</p> <p>BPML4WS 1.1 (Business Process Execution Language for Web Services)</p>   |

## Details of new tables in TSCv6

| <b>Table name egiv5.1</b>  | <b>Table name TSCv6</b>   |
|--|---|
| Table 1: Specifications for interconnectivity                          | Table 1 Specifications for interconnectivity  |
| n/a  | Table 2 Specifications for Web Services   |
| Table 2: Specifications for data integration                           | Table 3 Specifications for data integration   |
| Table 3: Specifications for content management metadata                | Table 4 Specifications for content management metadata                              |
| n/a  | Table 5 Specifications for identifiers  |
| Table 4: Specifications for information access – computer workstations | Table 6 Specifications for computer workstations                                    |
| Table 5: Specifications for information access – other channels        | Table 7 Specifications for other channels   |
| Table 6: Specifications for information access - mobile phones         | Table 8 Specifications for mobile phones  |
| Table 7: Specifications for information access – Smart Cards           | Table 9 Specifications for Video Conferencing Systems over IP                       |
| Table 7: Specifications for information access – Smart Cards           | Table 10 Specifications for Voice over IP (VoIP) systems                            |
| Table 7: Specifications for information access – Smart Cards           | Table 11a Specifications for Smart Cards – data definition                          |
| Table 7: Specifications for information access – Smart Cards           | Table 11b Specifications for Smart Cards: Applications including multi-applications |
| Table 7: Specifications for information access – Smart Cards           | Table 11c Specifications for Smart Cards - electrical                               |
| Table 7: Specifications for information access – Smart Cards           | Table 11d Specifications for Smart Cards: communication protocols                   |
| Table 7: Specifications for information access – Smart Cards           | Table 11e Specifications for Smart Cards: physical                                  |
| Table 7: Specifications for information access – Smart Cards           | Table 11f Specifications for Smart Cards: security                                  |
| Table 7: Specifications for information access – Smart Cards           | Table 11g Specifications for Smart Cards: terminal infrastructure                   |
| n/a  | Table 12 Specifications for smart travel documents                                  |
| Table 8: Specification for specific business areas                     | Table 13 Specifications for specific business areas - miscellaneous                 |
| Table 8: Specification for specific business areas                     | Table 14 Specifications for specific business areas – e-learning                    |
| Table 8: Specification for specific business areas                     | Table 15 Specifications for specific business areas - Health and social care        |
| Table 8: Specification for specific business areas                     | Table 16 Specifications for business areas - Finance                                |
| Table 8: Specification for specific business areas                     | Table 17 Specifications for business areas - Commerce, purchasing and logistics     |
| Table 8: Specification for specific business areas                     | Table 18 Specifications for business areas - Work flow and web services             |