



# ICT Standardisation The ICT Multi-Stakeholders Platform (MSP)

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# Multi-Stakeholder Platform on ICT standardisation (MSP)



- Commission Decision of 28 November 2011 (2011/C 349/04)
- Chaired by the Commission (V. Peca –DG CONNECT- and M. Catinat –DG ENTR-)
- **Advisory Expert Group** on all matters related to European ICT Standardisation and its effective implementation:
  - ICT Standardisation needs in support of EC policies & regulations
    - Rolling Plan for ICT standardisation
    - Possible ICT standardisation mandates
  - Identification of common technical specifications in the field of ICT for referencing in public procurements
  - Cooperation between standards developing organisations

# Composition of the MSP



## Member States and EFTA countries



## ICT Standardisation Bodies



## Industry, SMEs and society representatives



# Identification of ICT technical specifications:



Legal base: Reg. 1025/2012 article 13

Requirements outlined in Annex II:

- Market acceptance and not hampering interoperability with existing European or international standards or no conflict with European standards
- Non-profit organisation
  - Openness
  - Consensus
  - Transparency
  - Maintenance
- Technical specification:
  - Availability for implementation and use on reasonable terms
  - IPR available on FRAND terms
  - Relevant (corresponding to market and regulatory requirements)
  - Neutrality and stability (performance oriented, support innovation, etc.)
  - Quality (no hidden interfaces, level of detail for competing interoperable products & Services)

# Process of identification of technical specifications

- MS or the Commission can propose a TS for identification
  - Submission form completed
- MSP plenary meeting setting up an evaluation group
  - Evaluation report
- MSP advise
- Consultation of the committee set up by the corresponding Union legislation or after sectorial experts
- EC Inter-Service consultation
- Commission Decision publication in OJEU

## Identified TS:

Internet Protocol version 6 ('IPv6')

Lightweight Directory Access Protocol version 3 ('LDAPv3')

Domain Name System Security Extensions ('DNSSEC')

DomainKeys Identified Mail Signatures ('DKIM')

ECMAScript-402 Internationalisation Specification ('ECMA-402')

Extensible Markup Language version 1.0 ('W3C XML')

Universal Business language version 2.1 UBL 2.1

# TS in the pipeline:

27 IHE use profiles\*

eXtensible Business Reporting language XBRL

ebMS3-AS4

BDX location

ebCorePartyID

Open Archives Initiative -Protocol for Metadata Harvesting v.2.0

OAI-PMH

WCO Data Model v.3.3

Transmission Control Protocol / Internet protocol (TCP/IP)

User Datagram Protocol (UDP)

Domain Name System (DNS)

Dynamic Host Configuration Protocol (DHCP)

Simple Network Management Protocol (SNMP)

Security Architecture for the Internet Protocol (IPsec)

Network Time Protocol (NTP)

Secure Shell (SSH-2)

Transport Layer Security Protocol version 1.2 (TLS)

Public Key Infrastructure Certificate and Certificate Revocation

List (CRL) Profile

Hypertext Transfer Protocol (HTTP)

Upgrading to TLS Within HTTP/1.1

Uniform Resource Identifiers (URI)

Uniform Resource Locator (URL)

Uniform Resource Names (URN)

File Transfer Protocol (FTP)

8-bit Unicode Transformation Format (UTF-8)

JavaScript Object Notation (JSON)

Simple Mail Transfer Protocol (SMTP)

Internet Message Access Protocol (IMAP)

Post Office Protocol – version 3 (POP3)

Multipurpose Internet Mail Extensions (MIME)

Network News Transfer Protocol (NNTP)

Internet Calendaring and Scheduling Core Object Specification (iCalendar)

vCard (VCF)

Common Format and MIME Type for Comma-Separated Values (CSV)

Real-time Transport Protocol (RTP)

Session Initiation Protocol (SIP)

AS2

CMIS version 1.0

\* IHE XCPD: Cross Community Patient Discovery, IHE XCA: Cross Community Access, IHE XCF: Cross Community Fetch, IHE XDR: Cross enterprise Reliable Interchange, IHE CT: Consistent Time, IHE ATNA: Audit Trail and Node Authentication, IHE BPPC: Basic Patient Privacy Consents, IHE XUA: Cross enterprise User Assertion, IHE PRE: Prescription, IHE DIS: Dispensation, IHE XPHR: Exchange of Personal Health Record Content, IHE XD-MS: Cross Enterprise Sharing of Medical Summaries Integration profile, IHE XD-SD: Cross Enterprise Sharing of Scanned Document, IHE PIX: Patient Identification Cross referencing, IHE PDQ: Patient Demographic Query, IHE XDS.b: Cross Enterprise Document Sharing, IHE XDS-I.b: Cross Enterprise Document Sharing for Imaging, IHE XD-LAB: Laboratory Report, IHE XDM: Cross Enterprise Document Media Interchange, IHE SVS: Sharing Value Sets, IHE SWF: Radiology Scheduled Workflow, IHE SWF.b: Radiology Scheduled Workflow, IHE PIR: Patient Information Reconciliation, IHE PAM: Administration Management, IHE LTW: Laboratory Testing Workflow, IHE LCSD: Laboratory Code Set Distribution, IHE LWA: Laboratory Analytical Workflow