

Support Standards List

The following list collects standards that give support to a great number of telemedicine applications. Although they are not uniquely applied on e-health matters, their functionality can be greatly exploited on the development of telemedicine systems.

Name	Specification for transferring digital voice data between independent digital dictation systems and workstations
Brief name	E2185-01
Organization	ASTM
Url	http://www.astm.org/cgi-bin/SoftCart.exe/DATABASE.CART/REDLINE_PAGES/E2185.htm?E+mystore
Descriptions	Describes the format and content of digitally recorded voice data files. The object is to enable transfer between independent digital dictation systems regardless of manufacturer.
Used_in	
Category	Digital voice transferring
Others	
Relevance	80

Name	Standard guide for user authentication and authorization
Brief name	E1985-98
Organization	ASTM
Url	http://www.astm.org/cgi-bin/SoftCart.exe/DATABASE.CART/REDLINE_PAGES/E1985.htm?E+mystore
Descriptions	This guide addresses the technical specifications for how to perform user authentication and authorization. The actual definition of who can access what is based on organizational policy.
Used_in	
Category	Security
Others	These actions may include access to healthcare information documents, as well as, specific operations on those documents.
Relevance	80

Name	H.323 Packet-based multimedia communications systems
Brief name	H.323 System
Organization	ITU-T
Url	http://www.itu.int/rec/recommendation.asp?type=folders&parent=T-REC-H.323
Descriptions	H.323 is a videoconferencing system over packet networks (IP in particular) that comprises the following ITU-T Recommendations: H.323, H.225.0, H.245, H.246, H.283, H.235, H.341, H.450 Series, H.460 Series, and H.500 Series.
Used_in	Videoconferencing, VoIP
Category	Videoconferencing
Others	

Name	Public key infrastructure
Brief name	ISO 17090
Organization	ISO
Url	http://www.iso.ch/iso/en/CatalogueListPage.CatalogueList
Descriptions	Defines the basic concepts of a healthcare public key infrastructure (PKI) and provides a scheme of interoperability requirements to establish a PKI enabled secure communication of health information.
Used_in	Electronic identification, security of Public Administration
Category	Security
Others	It has three parts. Part 1: Framework and overview. Part 2: Certificate profile. Part 3: Policy management of certification authority. First Part working draft is freely available at: http://www.medis.or.jp/iso/wg4doclist/wg4-n78_pkipart1v4.pdf
Relevance	90