

Telebiometric devices

in e-Health and TeleMedicine
ISO/IEC 80003 series Standards/
ITU-T X.1080.x series
Recommendations

IMIT 2014-04-14 Dr Paul Gérôme
IEC

2000-2002 TELEBIOMETRICS

- Identification using Body-Signs instead of Passwords is launched and developed by ITU-T/SG 17, Lead Study Group on Security, by the Telebiometric Group
- ISO/IEC/JTC 1/SC 37 Biometrics complete the effort in Standardization
- ISO/TC 12 and IEC/TC 25, the Metrology Experts, come to help...

IMIT 2014-04-14 Dr Paul Gérôme
IEC

2002-2004 TELEBIOMETRICS

- ITU-T/SG 17, Lead Study Group on Security, gives consent in 2004 to the Telebiometric Group for Recommendation X.1081 [The telebiometric multimodal model – A framework for the specification of security and safety aspects of telebiometrics](#). This Recommendation belongs to the subgroup « Information and network security” of the Recommendations “**X series**: Data networks, open system communications and security”
- ISO/TC 12 and IEC/TC 25, the Metrology Experts, continue to help...

IMIT 2014-04-14 Dr Paul Gérôme
IEC

2004-2007 TELEBIOMETRICS

- ITU-T/SG 17, Lead Study Group on Security, gives consent in 2007 to the Telebiometric Group for Recommendation X.1082 [Telebiometrics related to human physiology](#). This Recommendation belongs too to the subgroup « Information and network security” of the Recommendations “**X series**: Data networks, open system communications and security”
- ISO/TC 12 and IEC/TC 25, the Metrology Experts, continue to help: IEC 80000-14 is twin-text with ITU-T Rec. X.1082 same title

IMIT 2014-04-14 Dr Paul Gérôme
IEC

2008-2013 TELEBIOMETRICS

- ITU-T/SG 17, Lead Study Group on Security, prepares Telemedicines and e-Health Recommendations in the Telebiometric Group to follow the Rec. X.1080.1 ITUEHP [e-Health and worldwide telemedicines - Generic telecommunication protocol.](#)
- ISO/TC 12 and IEC/TC 25, the Metrology Experts, prepare the ISO/IEC 80003 series as « related texts » with ITU-T Rec. X.1080.2 to X.1080.13, a new series, with 4 parts in ISO and 9 parts in IEC.

IMIT 2014-04-14 Dr Paul Gérôme
IEC

2014 TELEBIOMETRICS

- ITU-T/SG 17, Lead Study Group on Security, prepares Telemedicines and e-Health Recommendations
- Rec. X.1080.2 following the ITUEHP [Telebiometrics related to Physics](#)
- Rec. X.1080.3 following the ITUEHP [Telebiometrics related to Chemistry](#)
- ISO/TC 12, the Metrology Experts, prepares the ISO 80003-2 and 80003-3.

IMIT 2014-04-14 Dr Paul Gérôme
IEC

2014 TELEBIOMETRICS

- ITU-T/SG 17, Lead Study Group on Security, prepares Telemedicines and e-Health Recommendations
- Rec. X.1080.4 following the ITUEHP [Telebiometrics related to Biology](#)
- Rec. X.1080.5 following the ITUEHP [Telebiometrics related to Culturology](#)
- Rec. X.1080.6 following the ITUEHP [Telebiometrics related to Psychology](#)
- IEC/TC 25, the Metrology Experts, prepares the IEC 80003-4, 80003-5 and 80003-6.

IMIT 2014-04-14 Dr Paul Gérôme
IEC

2014 TELEBIOMETRICS

- Regarding Graphical symbols derived from IEC 80000-14, the following parts were published under IEC 60417 on 2014-02-22.
- IEC 60417-6244 Conformity
- IEC 60417-6245 TANGO-IN; TI
- IEC 60417-6246 TANGO-OUT; TO
- IEC 60417-6247 VIDEO-IN; VI
- IEC 60417-6248 VIDEO-OUT; VO
- IEC 60417-6249 AUDIO-IN; AI
- IEC 60417-6250 AUDIO-OUT; AO
- IEC 60417-6251 CHEMO-IN; XI
- IEC 60417-6252 CHEMO-OUT; XO
- IEC 60417-6253 RADIO-IN; RI
- IEC 60417-6254 RADIO-OUT; RO
- IEC 60417-6255 CALOR-IN; CI
- IEC 60417-6256 CALOR-OUT; CO
- IEC 60417-6257 ELECTRO-IN; EI
- IEC 60417-6258 ELECTRO-OUT; EO.

IMIT 2014-04-14 Dr Paul Gérôme
IEC