Draft revised Recommendation ITU-T H.812 (3rd edition)

Interoperability design guidelines for personal health systems:
Services interface: Common certified capability class

Summary

The Continua Design Guidelines (CDG) define a framework of underlying standards and criteria which are required to ensure the interoperability of devices and data used for personal connected health. This Recommendation contains a Services-IF overview, common design guidelines for all Services-IF certified capability classes (CCC), and the design guidelines for Consent enabled PHG and Services device CCCs.

This revision is the transposition of the CDG 2016 edition "Iris".

The design guidelines which support the following certified capability classes (CCC) are defined in separate Recommendations as follows:

* H.812.1 Observation upload certified device class
* H.812.2 Questionnaires
* H.812.3 Capability exchange certified device class
* H.812.4 Authenticated persistent session device class

This Recommendation is part of the "ITU-T H.810 interoperability design guidelines for personal health systems" subseries, which is outlined in the table below:

**Mapping of CDG 2013, ITU-T H.810 and restructured ITU-T H.810-series**

| Part | Elements | Clauses in the 2013 CDG "Endorphin" | Clauses in ITU-T H.810 (2013) | Restructured H.810-series (2015) |
| --- | --- | --- | --- | --- |
| Part 0 | System overview | Up to clause 3, plus Annex A and Appendix G | Up to clause 6, plus Annex A and Appendix V | ITU-T H.810 – System overview |
| Part 1 | PHD | Clauses 4 to 7, Appendices C, D, M | Clauses 7 to 10, Appendices I, II, XI | ITU-T H.811 –PHD interface |
| Part 2 | Services | Clause 8, Appendices H, I, J, K | Clause 11; Appendices VI, VII, VIII, IX | ITU-T H.812 –Services interfaceITU-T H.812.1 – Observation uploadITU-T H.812.2 – QuestionnairesITU-T H.812.3 – Capability exchangeITU-T H.812.4 – Authenticated persistent session |
| Part 3 | HIS | Clause 9, Appendices E, F, L | Clause 12, Appendices III, IV, X | ITU-T H.813 – HIS interface |

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