



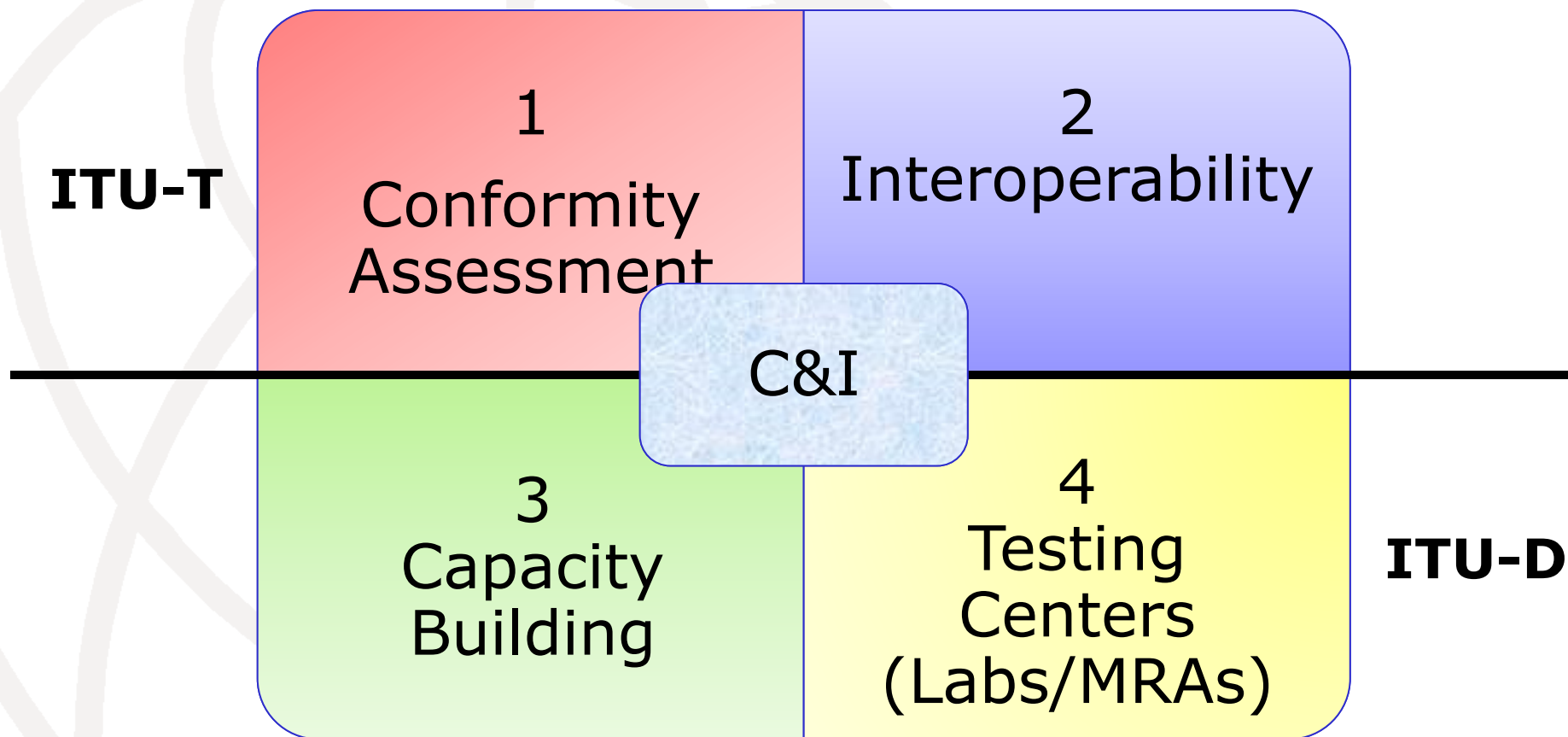
ITU C&I Programme

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Structure of ITU C&I Programme





Pillar 1 - Conformity Assessment



Pillar 1 as defined in Resolution 177 (ITU PP-14)

- “Instructs the Director of the TSB:**
 - to continue to carry out pilot projects for conformity to ITU-T Recommendations to increase the probability of interoperability**
 - to enhance and improve standards-setting processes in order to improve interoperability through conformity”**
- “Invited the Membership to populate the informative pilot conformity database with details of products tested to applicable ITU-T recommendations”**



Pillar 1 Key outcomes (1/2)

1. **First entries in [ITU Product Conformity Database](#)**
(19 December 2014)
2. **A [whitelist of mobile phones](#)** met the requirements of ITU-T P.1100/P.1110
3. **Two [pilot projects](#)** of conformity assessment against ITU-T Recs
 - M.3170-series (ITU-T SG2)
 - Mobile Number Portability (ITU-T SG11)
4. **Testing laboratory recognition (April 2015):**
 - Approved a "[guideline on testing laboratories recognition procedure](#)"
 - established ITU-T [Conformity Assessment Steering Committee](#) (ITU-T CASC) to elaborate detailed procedures
 - Chair: Mr Isaac Boateng (NCA, Ghana)
 - First meeting: *3 December 2015 (Geneva)*



Pillar 1 Key outcomes (2/2)

5. A [living list of ITU-T Recommendations](#) on key technologies suitable for C&I testing
6. A [reference table of ITU-T Recs and corresponding test specification](#) under C&I testing
- 7. New work items**
 - [SIP-IMS conformity assessment](#)
(around 32 work items for consent in December 2015)
 - [Measurements of Internet speed](#)
(two work items are under study: Framework – [Q.FW Int sp test](#) and Testing Methodology – [Q.TM Int sp test](#). Framework is planned for consent at the ITU-T SG11 meeting in December 2015)
 - “Conformance test plan for number portability requirements defined by ITU-T Q.Suppl.4” ([C-240](#), SG11)
 - Benchmarking of IMS platform - Work plan ([C-220](#), SG11)

ITU Product Database



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Product Conformity Database

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DISCLAIMER: This database is not certified to be either accurate or complete, but only reflects the information that has been communicated to the ITU secretariat. The ITU secretariat has not verified the veracity or accuracy of such information, nor the relevance of the products to ITU Recommendations

E-Health Devices **Mobile Phones**

Product	Company	Model Number	Conformity to ITU-T Recommendation
Austonio Application for Android	Intel	Asus Memo Pad 8	ITU-T H.810 (2013-12)
Digital Thermometer	A & D Medical	UT-201BLE	ITU-T H.810 (2013-12)
Digital Blood Pressure Monitor	A & D Medical	UA-651BLE as Type A	ITU-T H.810 (2013-12)
Energy Smart Blood pressure monitor	IDT	BPU321 (as Type A)	ITU-T H.810 (2013-12)
Accu-Chek Active GB	Roche	GB revision 2	ITU-T H.810 (2013-12)
NTT Docomo - Mobile phone HDP manager platform, Android mobile phone	Fujitsu Limited	F-04G	ITU-T H.810 (2013-12)
Manager Platform for Android	Sharp	SHARP Manager Platform	ITU-T H.810 (2013-12)
Precision Health Scale	A & D Medical	UC-352BLE	ITU-T H.810 (2013-12)
A&D Digital Weighing Scale (with Body Composition Analyzer)	A & D Medical	UC-411PBT-C as Type D, AD-6209PBT-C, UC-355PBT-Ci, UC-351PBT-Ci and UC-325PBT-Ci as Type U.	ITU-T H.810 (2013-12)
Bosch Blood Pressure Monitor	Robert Bosch Healthcare GmbH	BP5000 BT	ITU-T H.810 (2013-12)
SHARP HDP Manager Platform for Android (XN-DLBT40)	Sharp	XN-DLBT40 (SH-01F) as Type D, SHL23, 302SH, SH-01F DRAGON QUEST, DM016SH and SH-02F, 303SH, SHT22 and SHL24 as Type U.	ITU-T H.810 (2013-12)
SHARP HDP Manager Platform for Android	Sharp	SH-02F as Type D, 303SH, SH-01F as Type U.	ITU-T H.810 (2013-12)

Launched in Dec 2014

Current entries

- E-health devices: 79
- Mobile phones: 7

Mobile phones are also captured in a "white list"



Pillar 2 – Interoperability Events

Objectives



- To test interoperability of products from different vendors
- To validate different implementations of standard, and feedback to standard-making
- To accelerate the development phases of technology as well as the standard-making process
- To showcase/promote products with demonstrated interoperability at the ITU events
- To organize other test events upon request from ITU members (e.g. performance assessment of mobile phones, conformance testing of e-health devices, etc.)



- [3rd APT/ITU Conformance and Interoperability event](#)
(Bangkok, Thailand, 7-8 Sep 2015)
 - [HATS Interoperability event on NGN supported by ITU and APT](#)
(Tokyo, Japan, 14-16 July 2015)
 - [E-health testing and showcasing event](#)
(Geneva, ITU Headquarters, 10-12 February 2015)
 - [2nd joint APT/ITU Conformance and Interoperability event](#)
(Bangkok, Thailand, 25-26 August 2014)
 - [ITU test event](#) on Performance assessment of vehicle-mounted mobile phones in conjunction with Hands-free Terminals according to Recommendations ITU-T P.1100 and ITU-T P.1110
(Geneva, ITU Headquarters, 12-16 May 2014)
- ❑ **Future event:**
- 2nd ITU-T testing event on performance assessment of vehicle-mounted mobile phones (Geneva, ITU Headquarters, date TBC)



ITU Test Event

Performance assessment of mobile phones in conjunction with vehicle's HFT in accordance with Recs. ITU-T P.1100/P.1110

www.itu.int/go/test-event



Background

Many mobile phones do not work properly with HFT's system and thereby significantly degrading the speech quality of the complete system

Findings

- ✓ an incorrect behavior of the mobile phone in the wireless connection to a vehicle's HFT
- ✓ an unacceptable quality of a voice-call inside the car and outside the car for the conversational partner

Only 30 % of phones passed the tests!

Key outcomes

- ✓ "whitelist" of mobile phones which meet the requirements is made publically available
- ✓ Updated Recs. ITU-T P.1100/P.1110 with the new values of performance have been approved (*January 15*)



Venue: ITU Headquarters

TL: HEAD Acoustics

Date: 12-16 May 2014

Participants: Mercedes-Benz,
Volvo, Bosch, Toyota, Renault
Number of tests: 40 (30 phones)

[ITU press-release](#)

[Test report](#)