



ITU-T SG11 activities on combating counterfeiting devices

How traceability can assist?

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High Level discussion on the topic

- **PP-18 Decision:**

- **PP-18 Resolution 188 (Dubai, 2018)** "Combating counterfeit telecommunication/information and communication technology devices".

- **WTSA-16 Decisions:**

- **WTSA-16 Resolution 96 (Hammamet, 2016):** "Studies for combating counterfeit telecommunication/information and communication technology devices".
- **Revision of ITU-T Resolution 2 (Hammamet, 2016):** ITU-T study group responsibility and mandates.

ITU-T SG11 became the **Lead study group on combating counterfeiting and the use of stolen ICT device.**

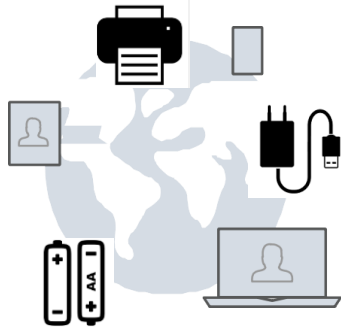


Q15/11 Strategic plan for Study Period (2017-2020):

- Key Challenges on the Combat of Counterfeit (based on WTSA-16 Res. 2 and 96 of):
 - Developing Recommendations, technical reports and guidelines on combating the use for Counterfeit.
 - Study existing as well as new reliable, unique, persistent and secure identifiers to assist on the combat of counterfeit.
 - Methods of assessing and verifying identifiers used for purposes of combating counterfeit production.
 - List of technologies/products, used for testing conformance with ITU-T Recommendations, in order to help in efforts to combat counterfeit ICT production.
 - Solutions to address the problem of tampering and duplication of unique identifiers.
- Action plan for Implementation of WTSA-16 Res. 96 (Counterfeit) and 97 (stolen Devices) - ([SG11-TD115R2/GEN](#)):
 - Division of the work in four major blocks, based on the Res. 2, Res. 96 and Res. 97:
 1. Raise the awareness and promote the discussion;
 2. Coordinate the actions and collect information, within and outside ITU;
 3. Produce deliverable, such as Technical Reports and Recommendation;
 4. Assist ITU members implement the deliverables and combat the use of counterfeit and stolen devices;



Combating Counterfeiting ICT Equipment



The Problem

- **PP-14 Resolution 188 (Dubai, 2018):** "Combating counterfeit telecommunication/information and communication technology devices"
- **WTSA-16 Resolution 96 (Hammamet, 2016):** "Studies for combating counterfeit telecommunication/information and communication technology devices"



Past Events



Workshop on Combating counterfeit and substandard ICT devices ([November 2014](#))



Demo on a solution to combat Counterfeiting of ICT products based on the Digital Object Architecture ([April 2015](#))



Workshop on Combating counterfeit using conformance and interoperability solutions ([June 2016](#))



Regional Workshop on Africa - "Counterfeit ICT Devices, Conformance and Interoperability Testing Challenges in Africa". ([April 2017](#))



2nd Regional Workshop on Africa - "Counterfeit ICT Devices, Conformance and Interoperability Testing Challenges in Africa". ([April 2018](#))



3rd Regional Workshop on Africa - "Counterfeit ICT Devices, Conformance and Interoperability Testing Challenges in Africa". ([September 2019](#))

COMPLETED WORK

- Technical Report on "[Counterfeit ICT Equipment](#)" (2014, rev. 2015)

- [QTR-CICT](#):

Survey report on counterfeit ICT devices in Africa region (02-2017)

- [Recommendation ITU-T Q.5050](#):

"Framework for solution to combat counterfeit ICT devices" (03-2019)

- [Draft Recommendation ITU-T Q.5052](#)

"Addressing mobile devices with duplicate unique identifier" (consented, 07-2020)

ON-GOING WORK

- [Draft Q.BL-Audi](#): Mobile device access list audit interface

- [Draft Q.Sup.BLvsWL](#):

Guidelines for Permissive versus Restrictive System

Implementations to address counterfeit, stolen and illegal mobile devices

- [Draft Q.Sup.CFS-Rdm](#)

Roadmap for the Q.5050-series - Combat of Counterfeit ICT and Stolen Mobile Devices

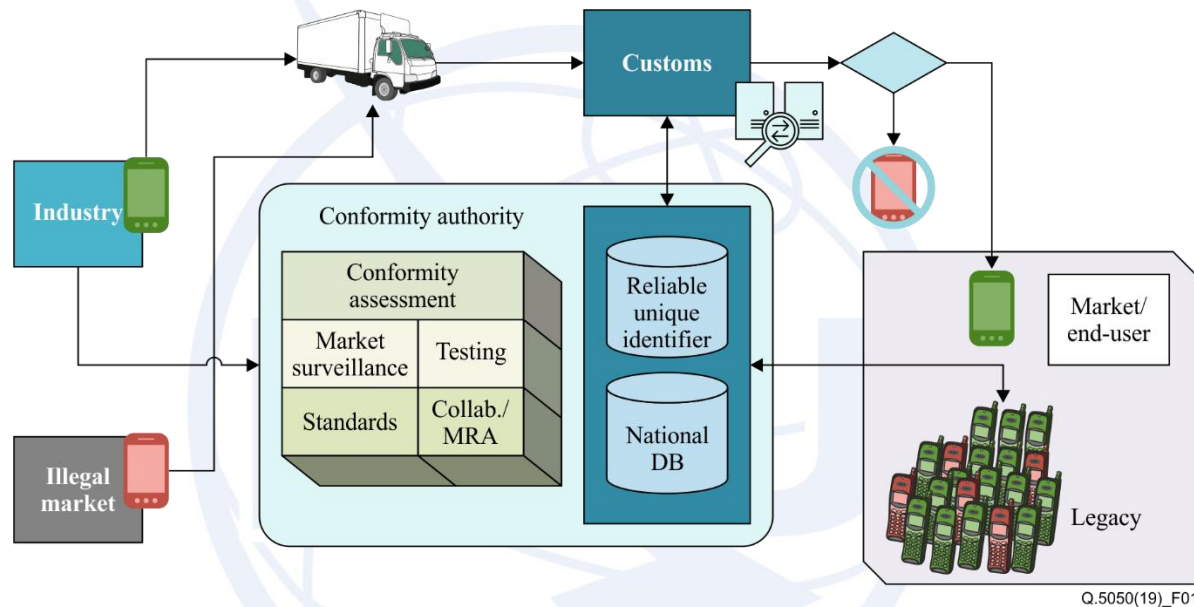
- Full Q15/11 work program can be found at:

https://www.itu.int/ITU-T/workprog/wp_search.aspx?sg=11&q=15



How can tracability assist on the topic?

Q.5050 - “Framework for solution to combat counterfeit ICT devices” (03-2019):



- **Reliable Unique Identifiers:** Unique and persistent identifiers that are secure, in the sense that they cannot be changed by unauthorized entities, are unique to each equipment and have been assigned by the authorized assigner.
- **Centralized reference database:** Of authorized equipment in a specific market, based on unique identifiers, to effectively differentiate between genuine and counterfeit ICT devices.
- **Device lifecycle management:** Based on these unique identifiers, able to track the ICT devices from the beginning of the manufacture process (including component origin, transportation and retail store where it will be sold) until it is delivered to the end-user.

Thank You!



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