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Egypt Experience

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Tunis, Tunisia , 05– 07 November 2012



Egypt Experience

Agenda

- Egyptian Type Approval Schemes & Regulations;
- Egypt best practices;
- Obstacles facing Implementation;
- Recommendations.

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2

Egyptian Type Approval Schemes & Regulations

Why Type Approval?

- ✓ Ensuring the quality of products existing in the market;
- ✓ Protecting personal health and safety of users;
- ✓ Ensuring the integrity of the telecommunications networks;
- ✓ Ensuring interoperability with a telecommunications networks;
- ✓ EMC ensures the correct operation of different Equipments;
- ✓ Ensuring access to emergency call services;
- ✓ Preventing frequency interferences.

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3

Egyptian Type Approval Schemes & Regulations (cont.)

Equipments compliance is achieved through:

- Declaration of Conformity certificate "DoC" or "FCC ID", (USA, Canada, Europe, Japan, South Korea, Australia), (**light regime**);
- Test reports from accredited international test labs over the 5 continents, (Other countries not including China) (**tight regime**);
- Verification of Conformity Certificate (VoC) & Pre-shipment verification for Chinese products. (**Special regime**).

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4

Egyptian Type Approval Schemes & Regulations (cont.)

Standards Approved in Egypt

Standards	Organization
Telecom / Radio	ETSI, ASA, FCC, ITU
EMC/EMI	CENELEC, IEC, ASA
Safety/Health	CENELEC, IEC, ASA, UL, FCC

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5

Egypt best practices

□ 2003; Telecom Act: Considering curbing counterfeit & non-complying ICT products

- Monitoring Importation & Customs ----> Issuing Clearance permit; (Articles 48 - 77)
- Monitoring Compliance & Quality ----> Issuing Type Approval Certificate; (Articles 44 -48)

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6

Egypt best practices (Cont.)

□ 2005; Accredited test Labs & Labeling Requirements

- All FCC & EU accredited Test labs;
- FCC accredited certification Bodies;
- EU accredited Notified bodies;
- Full CE requirements compliance is a must, including CE Mark, NBID # for wireless equipments;
- Full CE or FCC requirements compliance for wired equipments, CE Mark or FCC/ID for wired equipments.

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7

Egypt best practices (Cont.)

□ 2006; NTRA ICT TE Test Lab:

- Wireless TE Test Set (3 MHz to 6 GHz) Signalling test for Mobile phones GSM 2G/3G, CDMA 2000, FWT, Cordless Phones 0.9/2.4/5.8 GHz, HF/VHF/UHF Transceivers;
- 1.88GHz to 1.9GHz DECT phones;
- Analog wired phones;
- 2013-> EMC Test system (Immunity/Emission, Semi-anechoic chamber) (determined technical specs and RFP soon).

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8

Egypt best practices (Cont.)

□ 2007; Chinese products special arrangement:

- Agreement with five international labs in china, (**BV-ADT, CTTL, Intertek, SGS and TUV**),
- CE Verification of Conformity certificate / NTRA Accredited labs in China (**before any shipment**),
Based on full testing or issued based on technical evidence submitted from an internationally recognized lab.
- Shipment verification certificate / NTRA accredited Labs in China (**with every shipment**);
Manufacturer, Importer, Model #, Qty , Cartons #,.....

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9

Egypt best practices (Cont.)

□ 2008; New Market Surveillance Department:

- Market Surveillance Plus Type Approval;
- Samples collected from market, Cooperation with Telecom Police;
- Monitoring different Media types for any advertising about any illegal equipments;
- Market Surveillance policies, strategies, databases, law enforcement, sales bans, fees & fines - Coordination with the German regulator;

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10

Egypt best practices (Cont.)

□ 2010; GSMA Agreement:

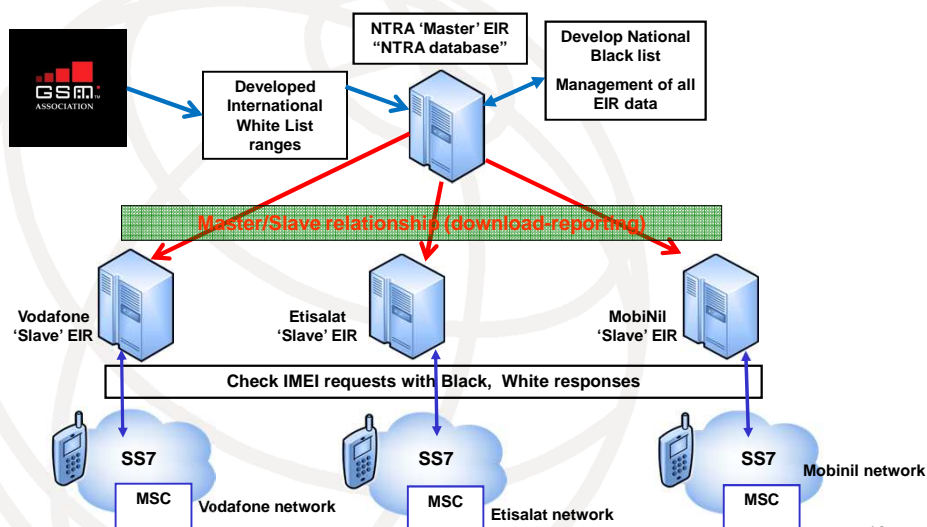
- White list Weekly update IMEI TAC White list;
- Central EIR (Equipment Identity Register) IMEI database solution:
 - To combat handset theft issue;
 - Health & safety Concerns;
 - Curbing handsets with illegal, fake, null & cloned IMEIs;
 - About 5-8% of handsets with illegal IMEIs in developing countries;
 - Egypt, 3.5Million handset with illegal IMEI (13579024681122);
 - 0.1M null, 0.35M zeros, 0.5 Fake and 0.25M Cloned.

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11

Egypt best practices (Cont.)

□ Central EIR IMEI database solution:



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12

Obstacles facing implementation

- Consumer standardization awareness;
- The culture of Certification marks;
- Very low cost of illegal products;
- Conflict between different governmental organizations in dealing with the importer;
- Very weak local manufacturing of ICT TE:
 - Reasonable prices for high quality products;
 - Combat smuggling;
 - No Local full compliance test labs.

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13

Recommendations

- Adopt balanced Government Policies towards encouraging ICT Eq. manufacturing:
 - Creating manufacturing Competitive environment;
 - Subsidizing initiation of ICT Eq. Test labs;
 - Proactive testing training activities.
- Aggressive Market surveillance activities;
- Raising consumer awareness through campaigns & introducing Certification Marks,
- Telecom law has to be more strict;
- Membership & participation in international & regional standardization meetings, workshops & trainings;

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14

Recommendations (Cont.)

- The Arab Network of Telecom Regulatory Authorities (ARNET), type approval project (Mutual recognition):
 - Studying Regulations / Directives / Standards applied in the member countries.
 - Common procedures / Standards / Practices.
- Similar project in Africa region.

Thank you for your attention



Any QUESTIONS ??