



Conformity and Interoperability regimes of communications equipment in **Malaysia**

AIMAN HILMI BIN AZHAR
MALAYSIAN COMMUNICATIONS & MULTIMEDIA COMMISSION (MCMC)



aiman.azhar@cmc.gov.my

Agenda



About
MCMC



Legal
Framework: C&I



Issues due to
non-standard
devices



Conformity
Assessment
Process



ICT Reference
Standards



Institution
Responsible for
C&I



Vision of the
future



About MCMC



MCMC is a communications and multimedia regulatory agency that regulates based on:

- Communications and Multimedia Act 1998 (CMA)
- Postal Services Act 2012 (PSA)
- Digital Signature Act 1997 (DSA)
- Strategic Trade Act 2010 (STA)

Other roles include, but not limited to the following

- responsible to ensure that all communication devices and equipment entering the Malaysian market are safe to operate, interoperable and do not cause interference
- to implement and promote the Government's national policy objectives for the communications and multimedia sector
- overseeing the new regulatory framework for the converging telecommunications and broadcasting industries and on-line activities

Legal Framework: C&I

Section 182, CMA 98

- A person who uses any technical equipment or systems which **hinder network interoperability** commits an offence.

Section 183, CMA 98

- A person who uses any technical equipment or systems which **compromise public safety** commits an offence.

Section 239, CMA 98

- A person who offers for supply, suppliers or has in his possession any **non-standard** equipment or device commits an offence.

IF CONVICTED



RM 500,000

or



5 Years

or

BOTH



RM 100,000

or



2 Years

or

BOTH

Issues due to non-standard devices

1



Unsafe to consumers

2



Degrade the quality of service received from communications service providers

3



Frequency interference to communication services

4



Purchased device may be counterfeit / cloned

Conformity Assessment Process (1)

Certification

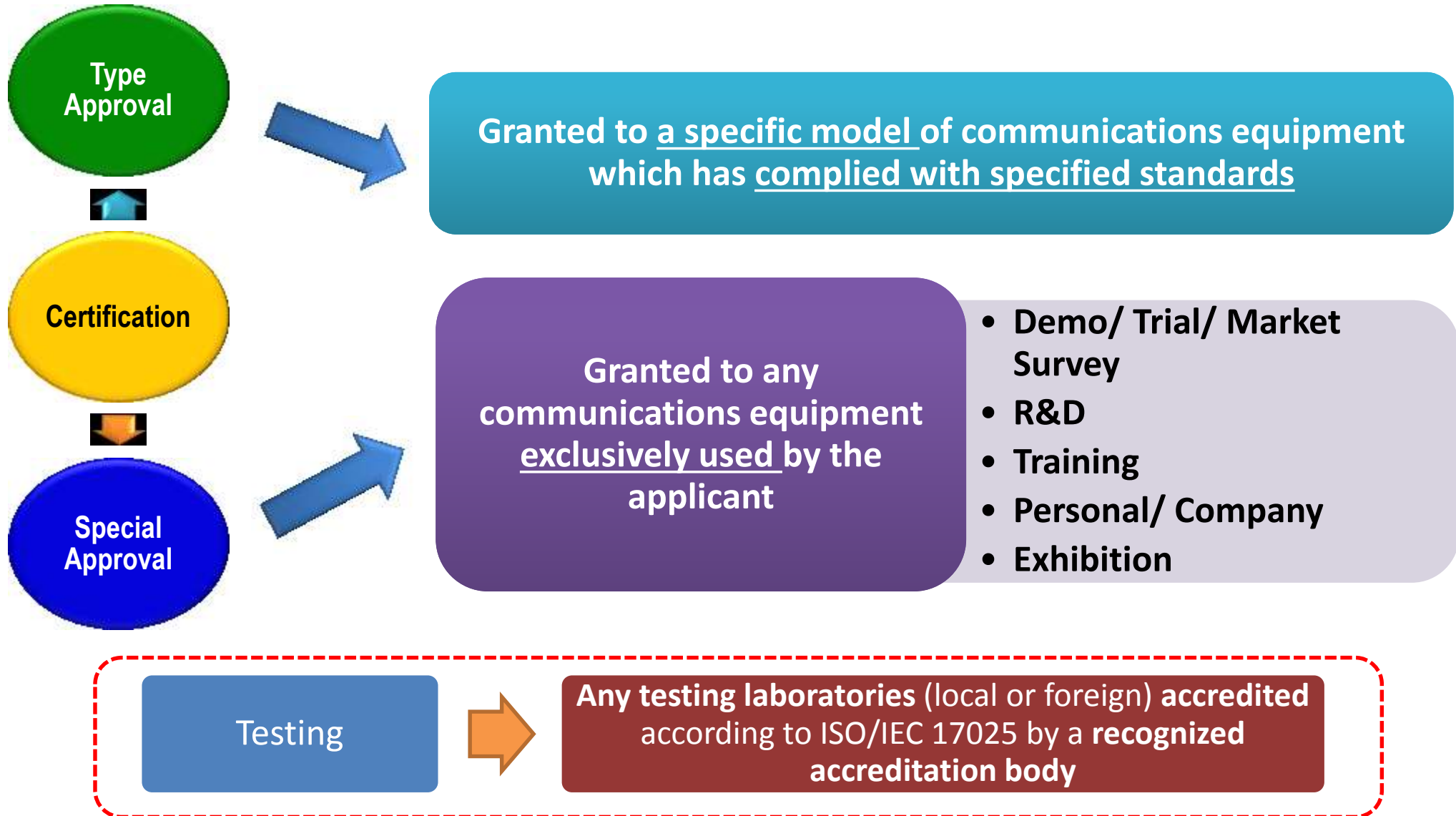
Communication equipment shall be certified under **Communications and Multimedia Act 1998** and **Communication and Multimedia (Technical Standards) Regulations 2000 [Reg. 14]**



The requirement also applies equipment **integrated with communication modules (such as WiFi, Bluetooth, NFC, GSM, 3G, LTE or modem)** for connecting to public communications network or for radio-communication.



Conformity Assessment Process (2)

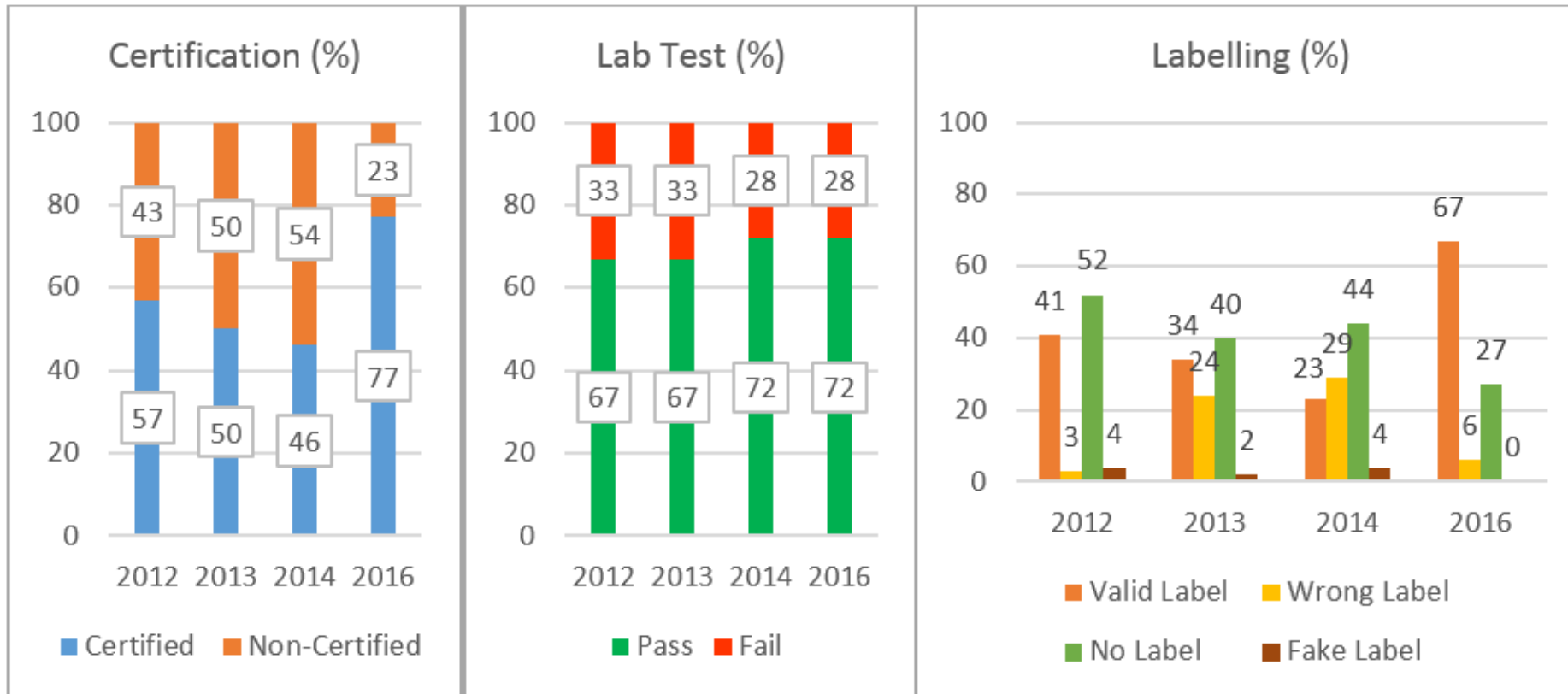


Conformity Assessment Process (3)

Market Surveillance

The market surveillance aims to monitor continuous compliance of communication devices with the applicable technical standards and specifications enforced by MCMC

FINDINGS

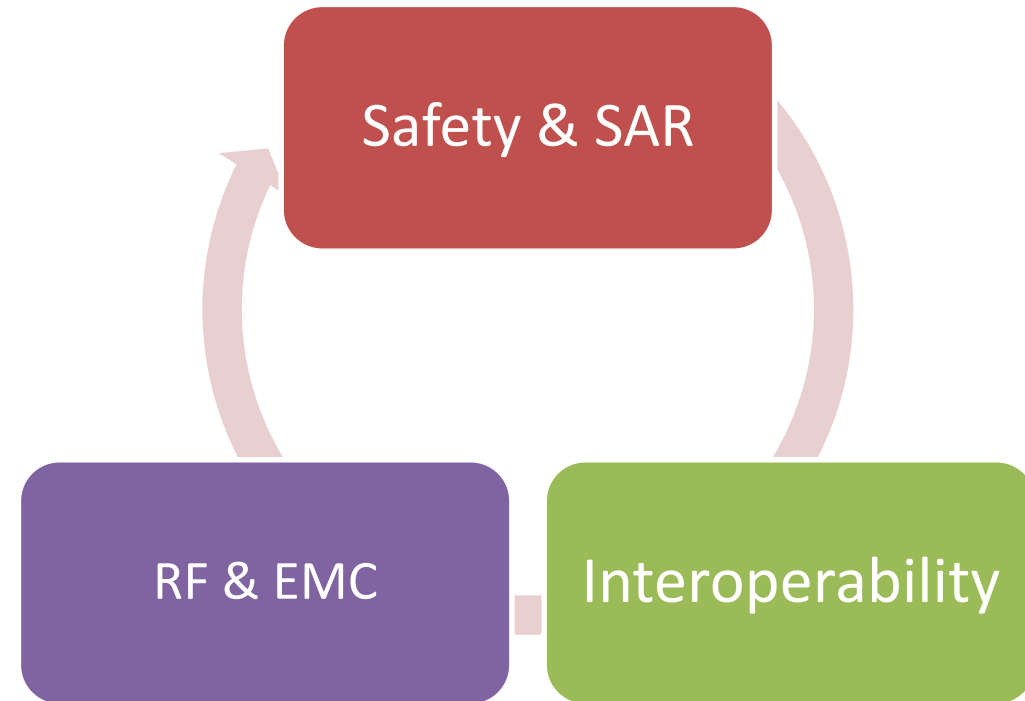


ICT Reference Standards (1)

Technical Code



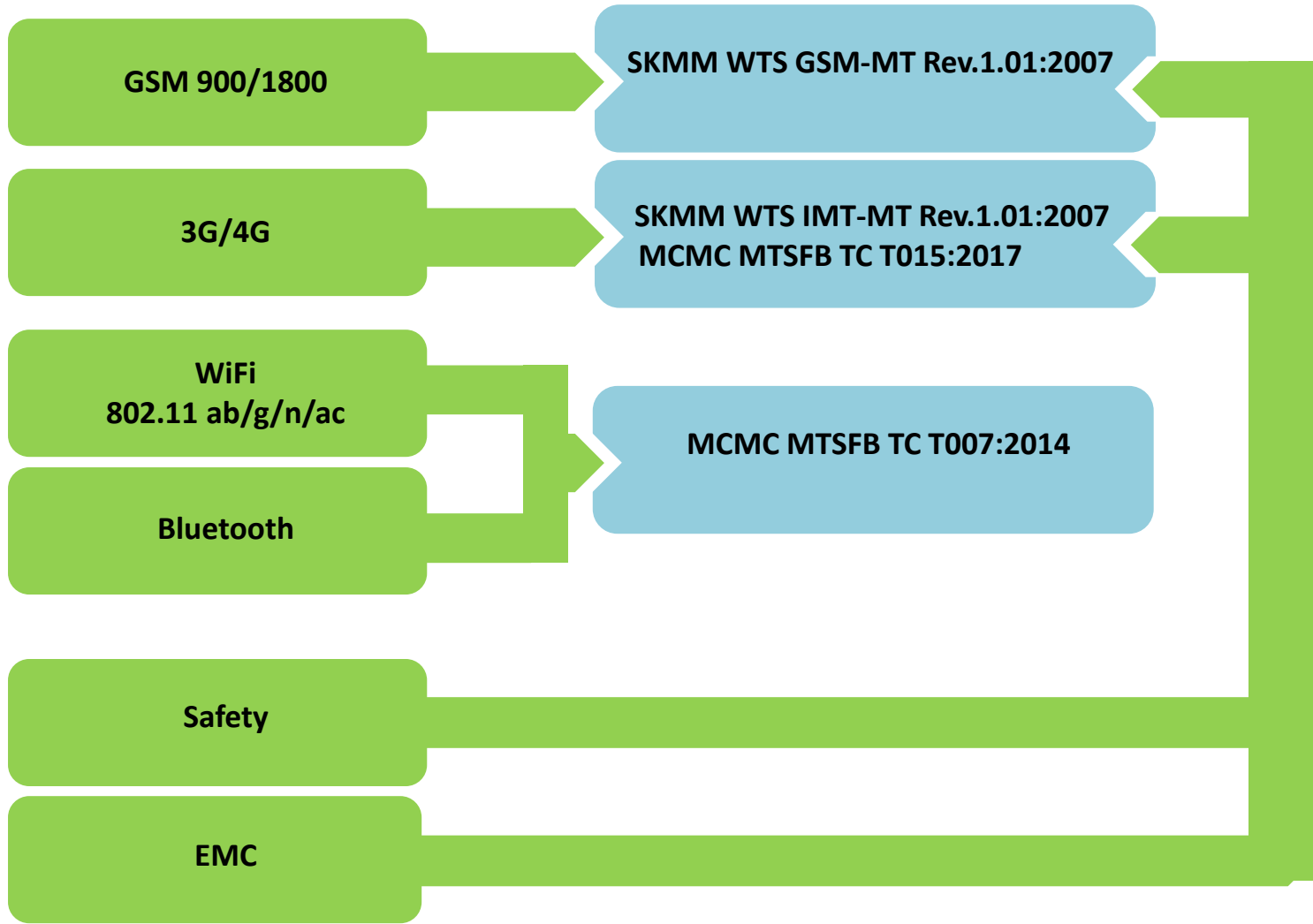
Technical Requirements



Register of Technical Codes (sec. 95, CMA 98)

<https://www.mcmc.gov.my/legal/register/cma-registers>

ICT Reference Standards (2)



Institution Responsible for C&I

C&M Regulatory Agency



Technical Standard Forum



Communication and Multimedia (Technical Standards) Regulations 2000

Custom Act 1967 (Prohibition of Import 2012)



IMPORTATION SIRIM

Communication and Multimedia Act 1998

Under the Customs (Prohibition of Imports) Order 2015, these product shall be accompanied by the import permit issued by SIRIM as the Permit Issuance Agency appointed by JKDM under the Customs Act 1967



CERTIFICATION & LABELLING SIRIM : CA

Certifying Agency & Permit Issuance Agency

Standards Development

- Designated as Technical Standards Forum by the Commission pursuant to **Section 94** and **Section 184** of the **CMA 1998**
- Develop and recommend codes or standards to the Commission

Communication product shall be certified by SIRIM as the Certifying Agency appointed by MCMC under the **Section 186** of the **CMA 1998** to ensure compliance to the applicable technical standards as enforced by MCMC

Vision of the Future

Mutual Recognition Arrangement

Malaysia has established Mutual Recognition Arrangement (MRA) for telecommunications conformity assessment with Singapore and the United States of America. Will continue to expand the MRA with other countries.

Technical Standardization

Collaborate with National Standard body, International and Regional SDOs and Academia to continue ensuring Communication devices and systems are safe and interoperable

Capacity Building

Participate in C&I training, workshop or events organized by ITU, APT or other international and regional SDOs to develop human capacity on C&I





THANK YOU



Head Office Address

Suruhanjaya Komunikasi dan Multimedia Malaysia
Malaysian Communications and Multimedia Commission

AIMAN HILMI BIN AZHAR

MCMC Tower 1
Jalan Impact, Cyber 6
63000 Cyberjaya, Selangor Darul Ehsan
Malaysia

Tel: +60 3 8688 8297

Fax: +60 3 8688 1005

Email: aiman.azhar@cmc.gov.my

Website: skmm.gov.my

NEWS REPORT



<http://www.thestar.com.my/news/nation/2016/04/17/woman-fatally-electrocuted-while-talking-on-charging-phone/>

