Best practice procedures for global CA Systems
Global CA Systems

What are they?

Global CA System

Scheme A
Scheme B
Scheme C

A system of schemes.
Could be for one or more of:
• Product certification
• Personal certification
• Process certification

Country A
Country B
Country C
Global CA Systems

What are their goals?

- Access to markets
  (without Tech. or Admin. Barriers to Trade)
- Testing & certification
  by commercial CABs
- CA results from anywhere
  recognised everywhere
- global CA System certificate
  → passport to the world
IEC Global CA Systems

Global Conformity Assessment Systems

- **IECEEE** (since the 1980s)
- **IECQ** (since the 1980s)
- **IECEx** (since the late 1990s)
- **IECRE** (since 2013)
IEC Global CA Systems

Global Conformity Assessment Systems

- Membership and rules-based international organization
- The members write the rules and they abide by the rules
- One Member Body per country
- Open to all qualifying CBs and TLs
IEC Global CA Systems

Operational model

- Two pillars
  - Predefined and harmonized operational rules & procedures and a common interpretation of the standards used
  - Peer assessment checking capabilities AND adherence to the operational rules and procedures (= consistency & comparability)
MLA - Mutual Recognition

Operational model

- Mutual Recognition → proof that the system works
  - Based on peer assessment of
    - competency
    - harmonized rules & processes
    - common interpretation of standards
MLA - Mutual Recognition

Operational model

• Mutual Recognition
  → a condition of membership
  → obligation to recognize CA results
  → give approval for entry of products into your market (with potential legal liability)
Peer Assessment

Operational model

- Competency
- Harmonized interpretation
- Common methodology

Periodic verification → Peer Assessment

Not too heavy
Not too light
Just right

Confidence
Accreditation &

Peer Assessment

Musicians
Qualified to play an instrument
• Have an instrument?
• Can read music?
• Can play the music?

Qualified to play in an orchestra
• Have an instrument?
• Can read & play music?
• Can play the agreed music?
• Can play with other musicians?
• Can play in the orchestra’s style?
• Can follow the conductor?
IEC Global CA Systems

Management structure

IEC (legal entity)

CAB (responsible management board)

Global CA System

Management Committee (members)

Secretariat

Committee for Harmonized Interpretation of Standards

Peer Assessment Committee

Board of Appeals

Other special issue committees
Global CA Systems

Summary

Access to local market
(without Tech. or Admin. Barriers to Trade)

MLA has to work
Recognition of CA results
by locally accredited CB/TL

CA results from anywhere
must be believable

Common, harmonized work practices
and
Checking competency and
that common practices are applied

Global CA System Management structure
• Membership organization
• Members write the rules
• Members abide by the rules
• Common rules & methods
• Peer Assessment checking
• MLA is obligation
Thank you