



# Session 6

# C&I in China

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## Course Objectives:

- To learn more about C&I
- To think more about C&I
- To seek more about C&I



# Agenda:

- Perception of C&I from China
- Development of C&I in China
- Capability of C&I from CAICT

# What is CA?



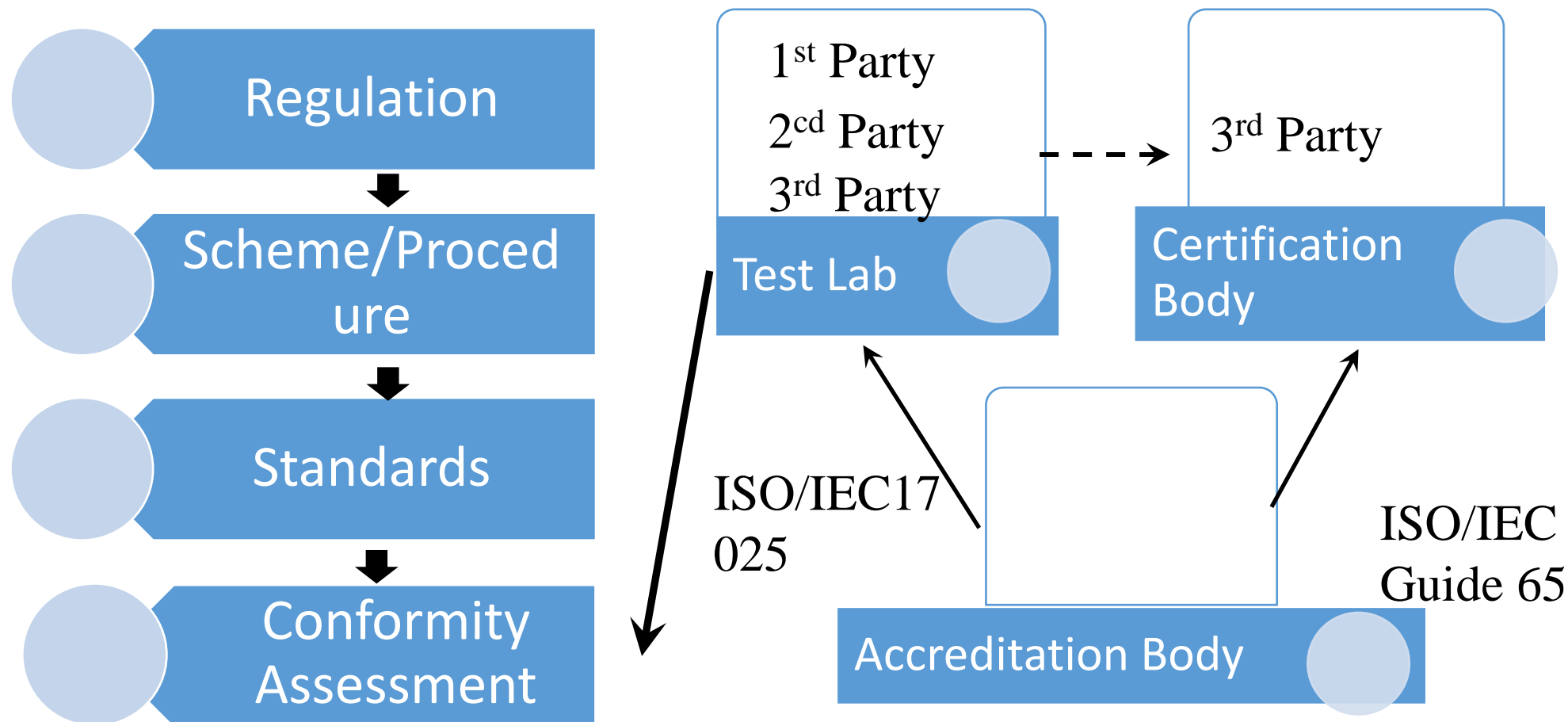
- Conformity assessment is the evaluation of products, processes or services to determine the extent to which assurance may be given that they fulfill specified requirements
- Conformity assessment may take the form of
  - Sampling, testing and inspection
  - Evaluation, verification and assurances of conformity
  - Registration, accreditation and approval
  - Combination of the above

# Why should do CA?



- A conformity assessment system is not necessary or desirable for all countries.
- Only in cases where there is a real concern of products causing a problem to the public is conformity assessment justified.
- But conformity assessment systems are expensive in terms of delays to the market, costs and resources to all stakeholder.

# How to implement CA?



# Which approach of CA?



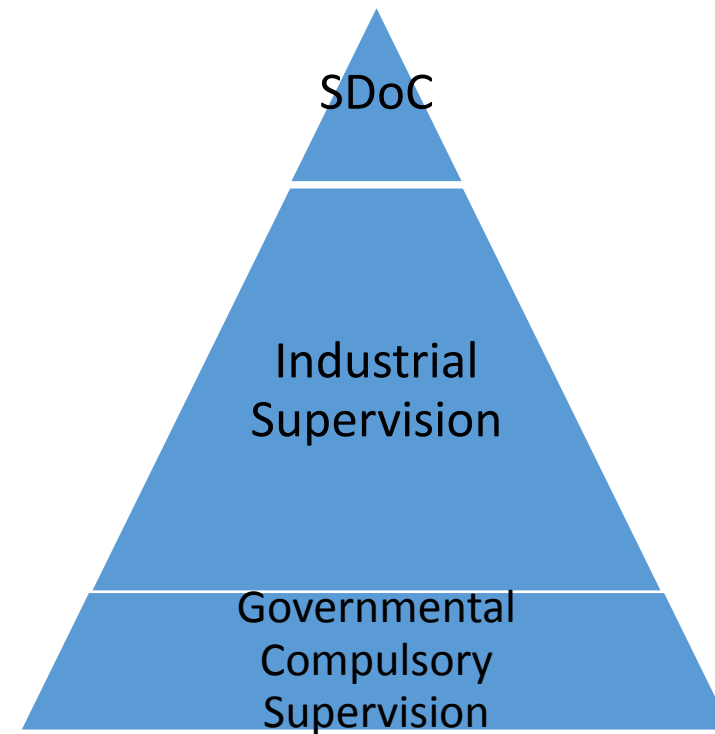
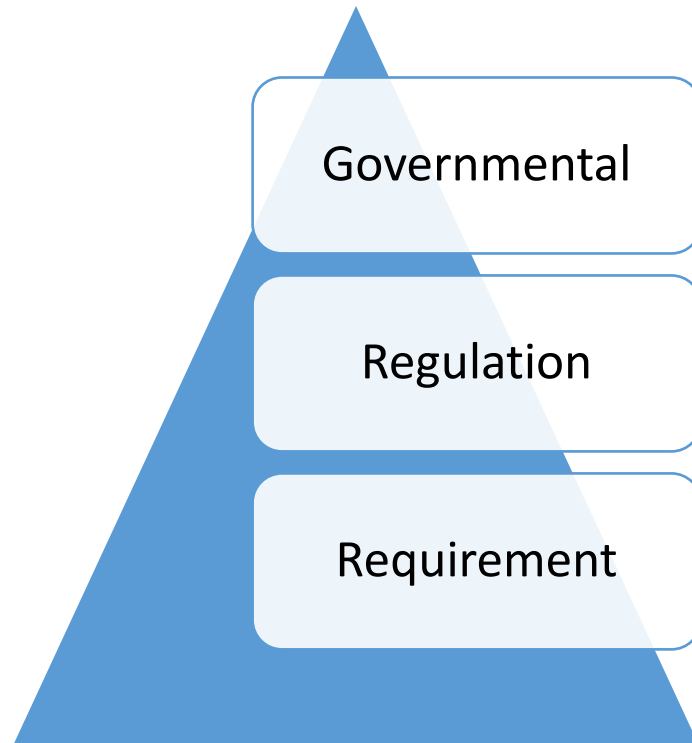
- No one perfect approach
  - Type of product
  - Perceived risk of non-compliance
- Approaches differ among economies
- Multiple approaches within each economy, especially when there is more than one Regulatory Authority



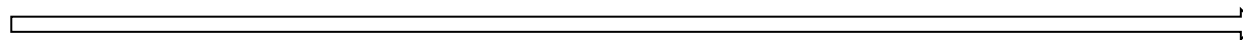
# Development in China



None



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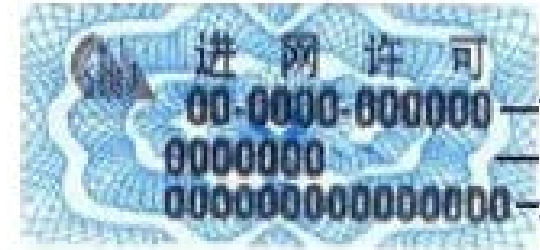


# Compulsory CA in China



- Radio Type Approval (1993)
  - Spectrum resources
- Network Access License (2000)
  - information, network, interconnection
- China Compulsory Certification (2003)
  - harm to users

CMIIT ID: XXXXYZNNNN



# Some Non-mandatory CA in China

- TLC Voluntary Certification
- China Voluntary RoHS Certification
- TAF Security Capacity Assessment
- Data Center Alliance Certification
- Operator Verification



# C&I Capabilities of CAICT



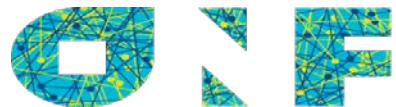
- ICT Product testing & certification
- ICT interoperability
- Telecom instrument metrology
- Certification of management systems

# International Cooperation of CAICT



- Secretariat of China to implement APEC TEL MRA
- Observer of RTTE CA
- Member of ITU、IEEE、3GPP、3GPP2、ISO/IEC、ANSI etc.
- Partnership with ETC, BABT, NEMKO, TUV, UL, SGS etc.

# International Authorization of CAICT



OPEN NETWORKING  
FOUNDATION



AUTHORIZED  
TEST  
LABORATORY



# Homework



1. While telecom is global and evolving at a rapid pace, telecom equipment and services are widely recognized as vitally important to all economies. (True /False)
2. A conformity assessment system is not necessary or desirable for all countries, only in cases where there is a real concern of products causing a problem to the public is conformity assessment justified. (True /False)
3. Conformity assessment approaches differ among counties, multiple approaches within a country especially when there is more than one regulatory authority. (True /False)

# Homework (Cont.)



4. Conformity assessment is the evaluation of products, processes or services to determine the extent to which assurance may be given that they fulfill specified requirements.  
(True /False)

5. Conformity assessment may take the form of
- A. Sampling, testing and inspection
  - B. Evaluation, verification and assurances of conformity
  - C. Registration, accreditation and approval
  - D. Combination of the above

(Multiple-choice)





# Thanks !

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