Session 8:
Introduction of Telecommunications Equipment Network Access License(NAL)

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Course Objectives: Brief introduction of China's certification system for equipment (NAL)

Agenda: 9:00-9:30AM, **14-Oct-15**

Main Body:

Outline

- **What is NAL**
- How to apply for a NAL
- Obligation and Post-license supervision

Establishment of NAL

Year **2000**

- <Telecommunications Regulation of PRC> (The Decree of the State Council No. 291)
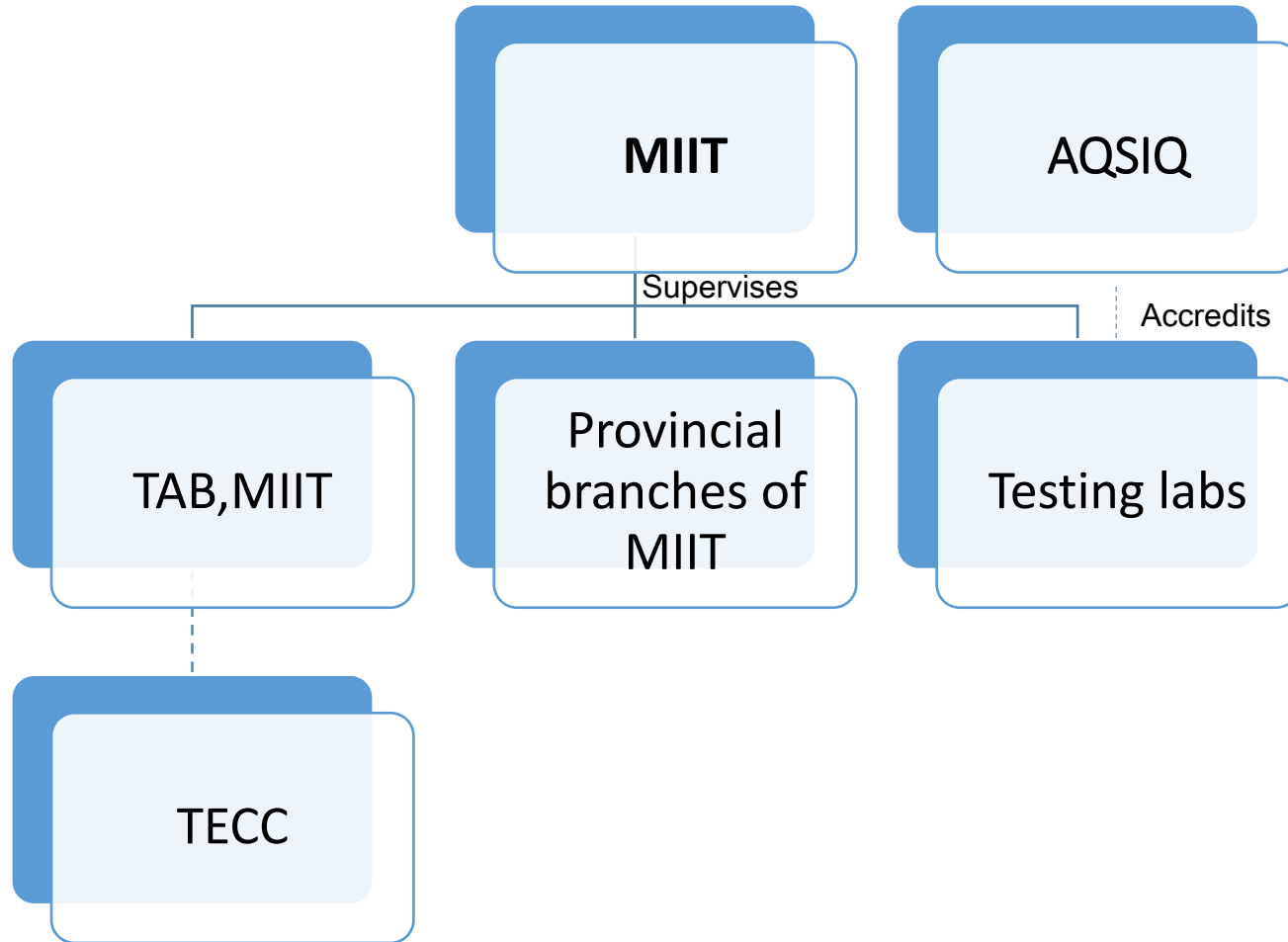
Telecommunications terminal equipment, wireless communication equipment and equipment used in network interconnection shall be subject to a state-implemented license system for connecting to the public telecommunications networks.

What for

- interconnection
- Network & information security
- Interests of users and carriers

Related agencies

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                    MIIT              AQSIQ
                      │                   ┊
          ┌───────────┼───────────┐       ┊
     Supervises                    Accredits
  TAB,MIIT      Provincial      Testing labs
                branches of
                   MIIT
     ┊
   TECC
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MIIT

AQSIQ

Supervises

Accredits

TAB,MIIT

Provincial branches of MIIT

Testing labs

TECC

Category

Terminal equipment
- connected at the terminals of the telecom networks
- providing the consumers with the functions of sending and receiving information

Wireless communication equipment
- use radio as the means of communication

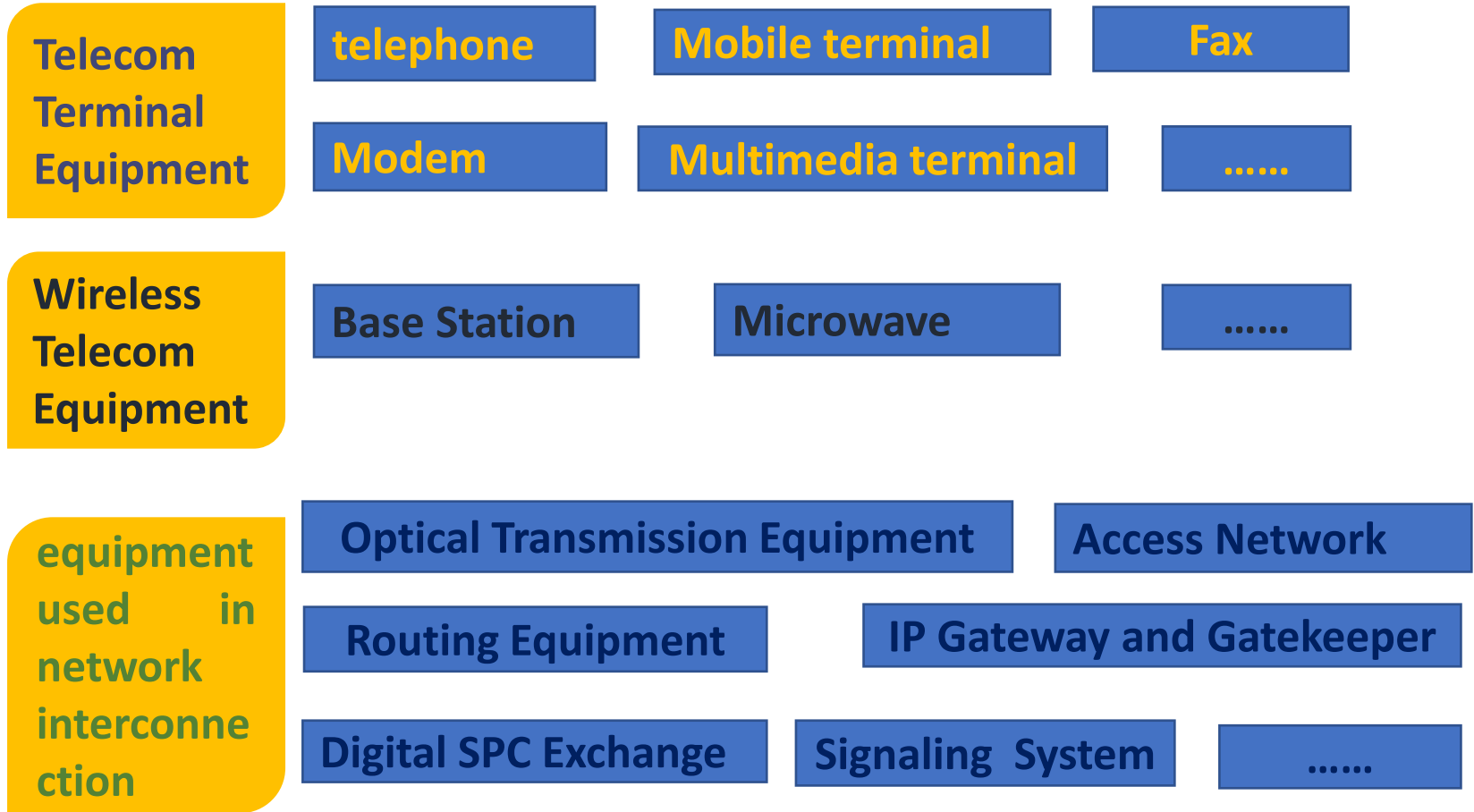## Equipment used in network interconnection
- between the networks of different operators
- between the networks of different telecommunication businesses

catalog shall be formulated and promulgated by MIIT jointly with AQSIQ.

Category

Connecting Public Telecommunication Network's

Telecom Terminal Equipment
- telephone
- Mobile terminal
- Fax
- Modem
- Multimedia terminal
- ......

Wireless Telecom Equipment
- Base Station
- Microwave
- ......

equipment used in network interconnection
- Optical Transmission Equipment
- Access Network
- Routing Equipment
- IP Gateway and Gatekeeper
- Digital SPC Exchange
- Signaling System
- ......

Conditions of Approval

meet the state and industry standards and provisions of MIIT

have sufficient quality assurance system and after-sale service measures

*have been experimented for at least three months

meet other relevant state laws and regulations

*Wireless equipment, equipment used in network interconnection and the new equipment
* equipment that IS subject to NAL yet there is no state standards and industry standards

- MIIT issued 《 Notice on Strengthening the Network Access Management of Smart Mobile Terminals 》 on Apr 1st, 2013.

- To safeguard users' personal information security and lawful rights and interests, guarantee cyber and information security

- Shall conform to the basic requirements of industrial standards concerning smart mobile terminal security.

May not preinstall application software having the following characteristics:

- that collects or alters users' personal information without authorization

- that uses the terminal's telecommunications function without authorization

- that influences the regular functioning of the terminal or the safe operation of networks

- that contains illegal content

Outline

- What is NAL
- **How to apply for a NAL**
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The Documents of Applications

9 documents should be submitted

Application	Business License	Introduction of the Applicant	Certificate of Quality System Certification
Introduction of Telecom Equipment	Test Report	Type Approval Certification (Radio Transmission Equipment)	
the overall technological schemes and experiment reports		Documents required by other relevant regulations	

Procedures

Procedure of Acceptance

◆Telecommunications Equipment Certification Center
◆5 working days
◆complete and in conformity with the statutory form

Expert Evaluation

◆Wireless equipment, equipment used in network interconnection and the new equipment
◆be organized by TECC within 45 days
◆the time needed not be reckoned in the time limit

Procedure of Making-decision

◆examine the application documents within 60 days
◆issue NAL if meeting the requirements
◆send written replies to the applicant

Modification	◆technological or exterior changes ◆contents prescribed in the NAL have been changed
Renewal	◆apply for the NAL over again 3 months before the NAL expires ◆return the former license.

License & Label

Valid Term	3 years	Less than 1 year
License	中华人民共和国工业和信息息部 电信设备进网许可证	中华人民共和国工业和信息息部 电信设备进网试用批文
NAL label	进 网 许 可 00-0000-000000—许可证号 0000000—设备型号 0000000000000—扰码	进 网 试 用 00-0000-000000—试用编号 0000000—设备型号 0000000000000—扰码

MIIT publishes the list of equipment and manufacturers which have obtained the network access licenses every 2 weeks on its website.

2015/9/30

Other things you may be interested

- Foreign applicant should authorize a domestic agency to submit the application.

- The applicant may submit the application in person, by mail or online.

- Documents should be written in Chinese.

Outline

- What is NAL
- How to apply for a NAL
- **Obligation and Post-license supervision**

Obligation

NAL Label

- bearing NAL label.

Consistency of equipment

- before and after obtaining the network access license.

Indicating the number of NAL

- on the packages and in the published advertisements.

Inspection and Supervision

Annual inspection

- the provincial branches of MIIT
- submit the Annual Inspection Form at the beginning of the December every year

Post-license Supervision

- MIIT
- to check consistency of equipment before and after obtaining the network access license

Exam questions:

1. What kinds of equipment is subject to NAL?

2. Is there any similar certification systems with NAL in your country? What's the purpose of it?

3. In your opinion, could it be a effective way to protect personal information by regulating smart mobile terminals? Why?

Please send your answers to wangjian@caict.ac.cn before Day 5.

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THANK YOU!

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