Introduction of Telecommunications Equipment Network Access License(NAL)

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Course Objectives:

To provide a basic knowledge of China's Network Access License (NAL) system for telecommunication equipment

Outline

- **What is NAL**
- Procedures of applying for NAL
- Obligation and Post-license supervision

Establishment of NAL

Year 2000

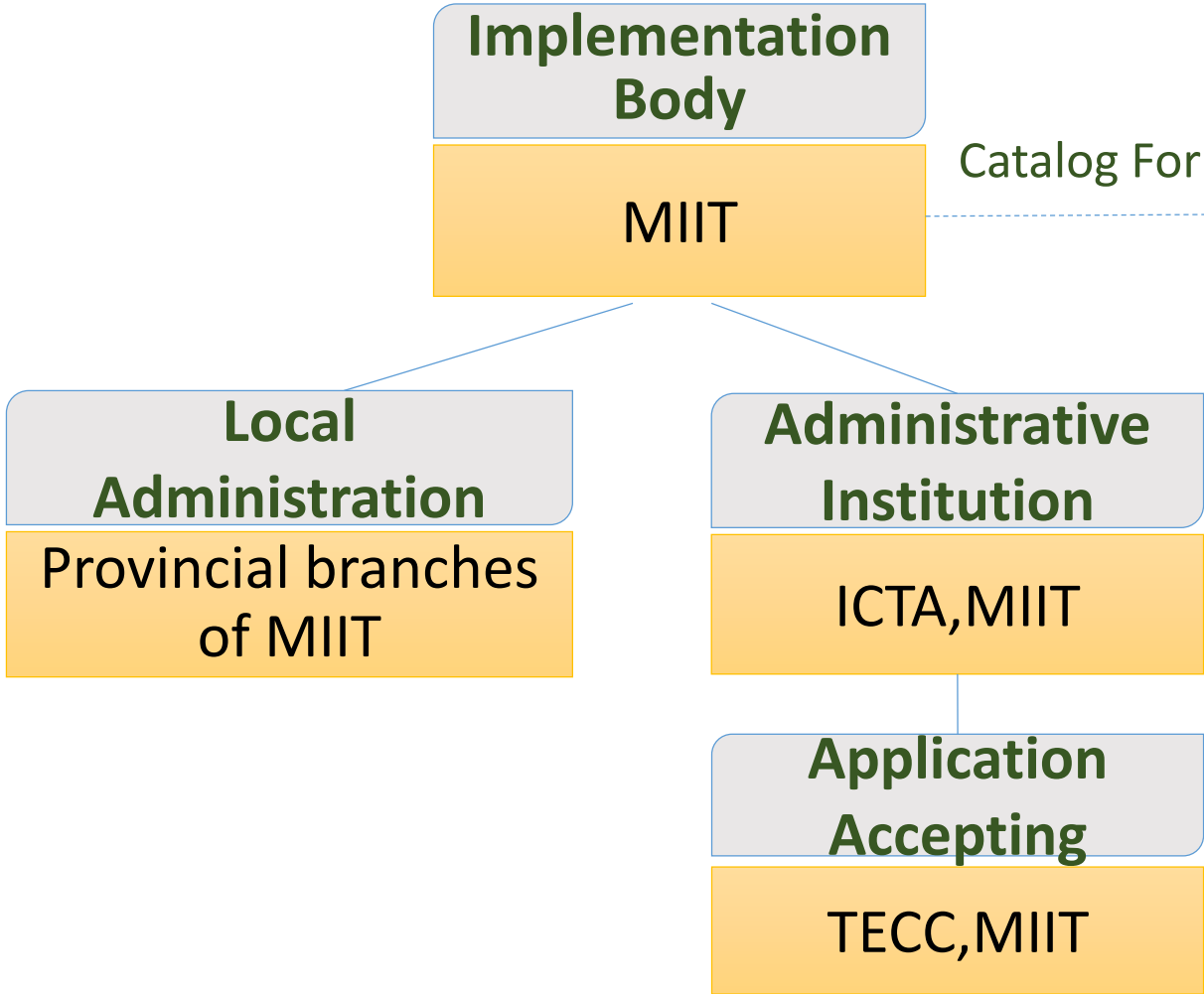- \<Telecommunications Regulation of PRC\> (The Decree of the State Council No. 291)

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
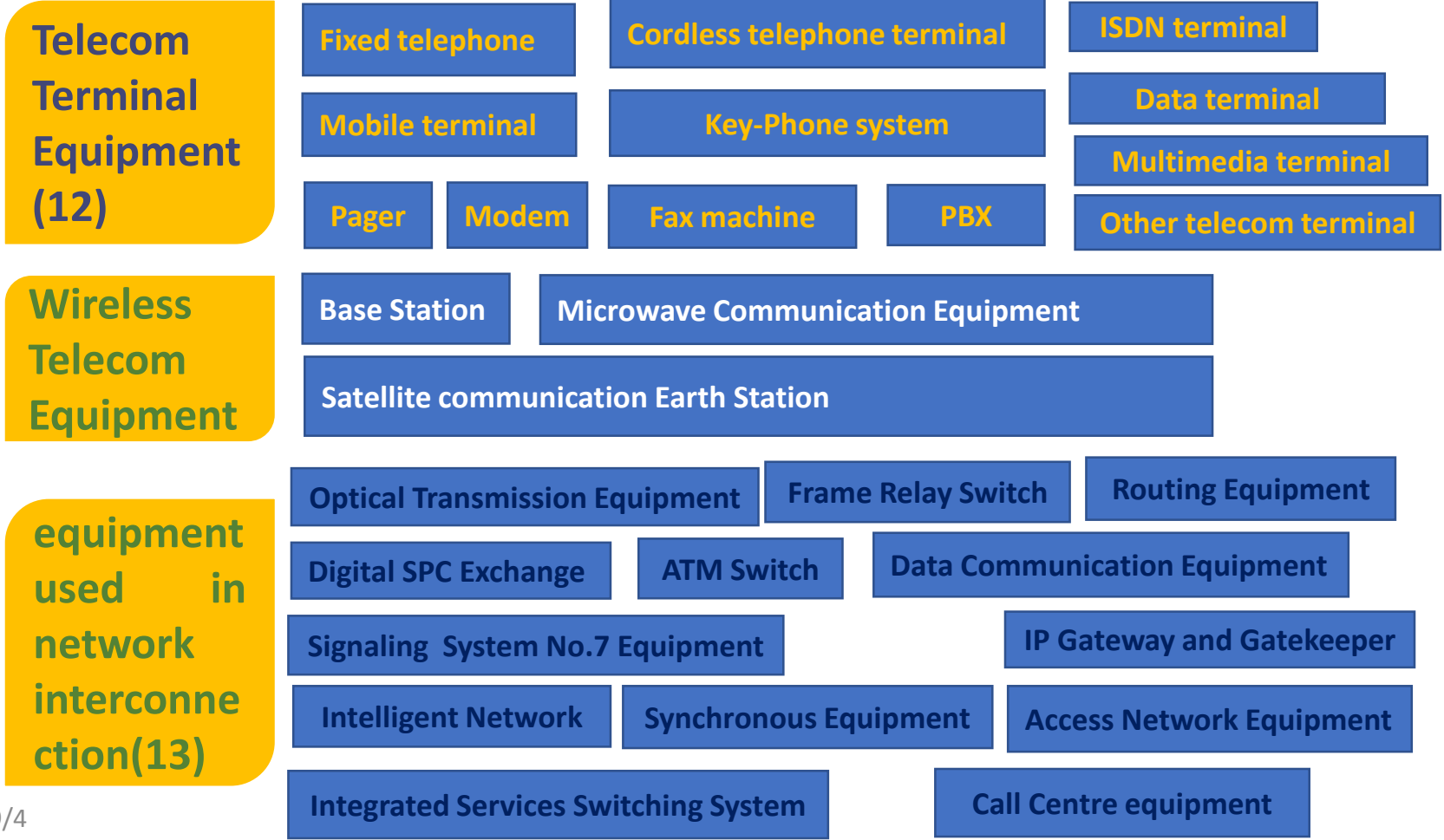- Rights and interests of users and carriers

Related agencies

Implementation Body
MIIT

Catalog Formulating

AQSIQ

Local Administration
Provincial branches of MIIT

Administrative Institution
ICTA,MIIT

Application Accepting
TECC,MIIT

MIIT: Ministry of Industry and Information Technology
AQSIQ : General Administration of Quality Supervision, Inspection and Quarantine
ICTA: Information and Communications Technology Administration , MIIT
TECC: Telecommunications Equipment Certification Center, MIIT

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Categories

28 categories in total.

Telecom Terminal Equipment (12)

- Fixed telephone
- Cordless telephone terminal
- ISDN terminal
- Mobile terminal
- Key-Phone system
- Data terminal
- Multimedia terminal
- Pager
- Modem
- Fax machine
- PBX
- Other telecom terminal

Wireless Telecom Equipment

- Base Station
- Microwave Communication Equipment
- Satellite communication Earth Station

equipment used in network interconnection(13)

- Optical Transmission Equipment
- Frame Relay Switch
- Routing Equipment
- Digital SPC Exchange
- ATM Switch
- Data Communication Equipment
- Signaling System No.7 Equipment
- IP Gateway and Gatekeeper
- Intelligent Network
- Synchronous Equipment
- Access Network Equipment
- Integrated Services Switching System
- Call Centre equipment

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Conditions of Approval

meet the state and industry standards as well as provisions of MIIT

have sufficient quality assurance system and post-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 equipment without state standards and industry standards
- Experiment: on the networks or on the imitated experiment network

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- What is 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

Application & Acceptance

5 days

◆Telecommunications Equipment Certification Center
◆Accepting the application if the files are complete and in conformity with the statutory form
◆If not, informing the applicant of what needs to be supplemented or corrected all at once

Examination & Decision

60 days

◆ICTA, MIIT
◆Expert evaluation*
◆issuing NAL if the files meet the requirements
◆If not, send paper replies to the applicant

Expert Evaluation

◆ Wireless equipment, equipment used in network interconnection and equipment without state and industry standards

◆ being organized by ICTA within 45 days (not being reckoned in the 60 days time limit)

◆ Experts from carriers, academia, governments, test agencies

◆ To evaluate the test reports, the overall technological schemes and experiment reports

Modification
- ◆ technological or exterior changes
- ◆ contents prescribed in the NAL have been changed

Renewal
- ◆ applying for the NAL over again 3 months before the NAL expires
- ◆ returning the former license

Procedures for New technology

◆ equipment without state and industry standards
◆ To encourage the application of new technologies, MIIT grants trial license to device applying new technologies

evaluation	test	Application &acceptance	examination & decision	renewal

- Industrial policy
- China's national condition
- Network & information security
- Interconnection, and fair competition among carriers
- Advancement of the technology
- Application status in international and domestic markets
- Progress of international and domestic standards

- Referring to international / consortium/ enterprise standards

- Same as other device

- trial license
- Valid term is less than 1 year

After the national or industry standards being released, the manufacturer could apply to change the trial license to a formal license.

License & Label

Valid Term	3 years	Less than 1 year
License		
NAL label		

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

By October 2017, more than 7,300 licenses are granted to over 89,000 manufactures.

About 1,800 manufacturers hold 14,000 valid licenses.

- Foreign applicant should authorize a domestic agency to submit the application.
- The applicant may submit the application in personal presence, by mail or online (50% in total, 95%for mobile phones).
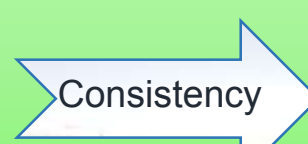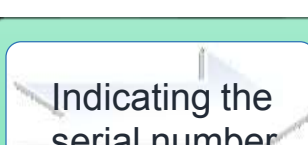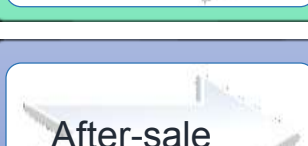- Documents should be written in Chinese.
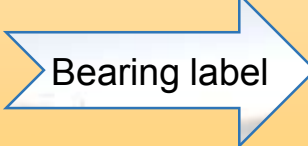
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Obligation

The manufacturing enterprises shall:

Bearing label	affix the label on their telecommunication licensed equipment. The labels shall be printed and issued by MIIT.
Consistency	keep consistency of the licensed equipment before and after obtaining the license and shall not lower quality.
Indicating the serial number	indicate the serial number on the packages and in the published advertisements.
After-sale service	fulfill the statutory obligations of after-sale service, such as repair, exchange and return.

Inspection and Supervision

Annual inspection
- conducted by the provincial branches of MIIT
- submitting the Annual Inspection Form at the beginning of the December every year

Post-license Supervision
- conducted by ICTA
- to check consistency of equipment before and after obtaining the network access license

THANK YOU!

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