



Introduction of Telecommunications Equipment Network Access License(NAL)

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2017-10-30



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
- Introduction of TAF

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

**Administrative
Institution**

ICTA, MIIT

**Application
Accepting**

TECC, MIIT

**Local
Administration**

Provincial branches
of MIIT

Catalog Formulating

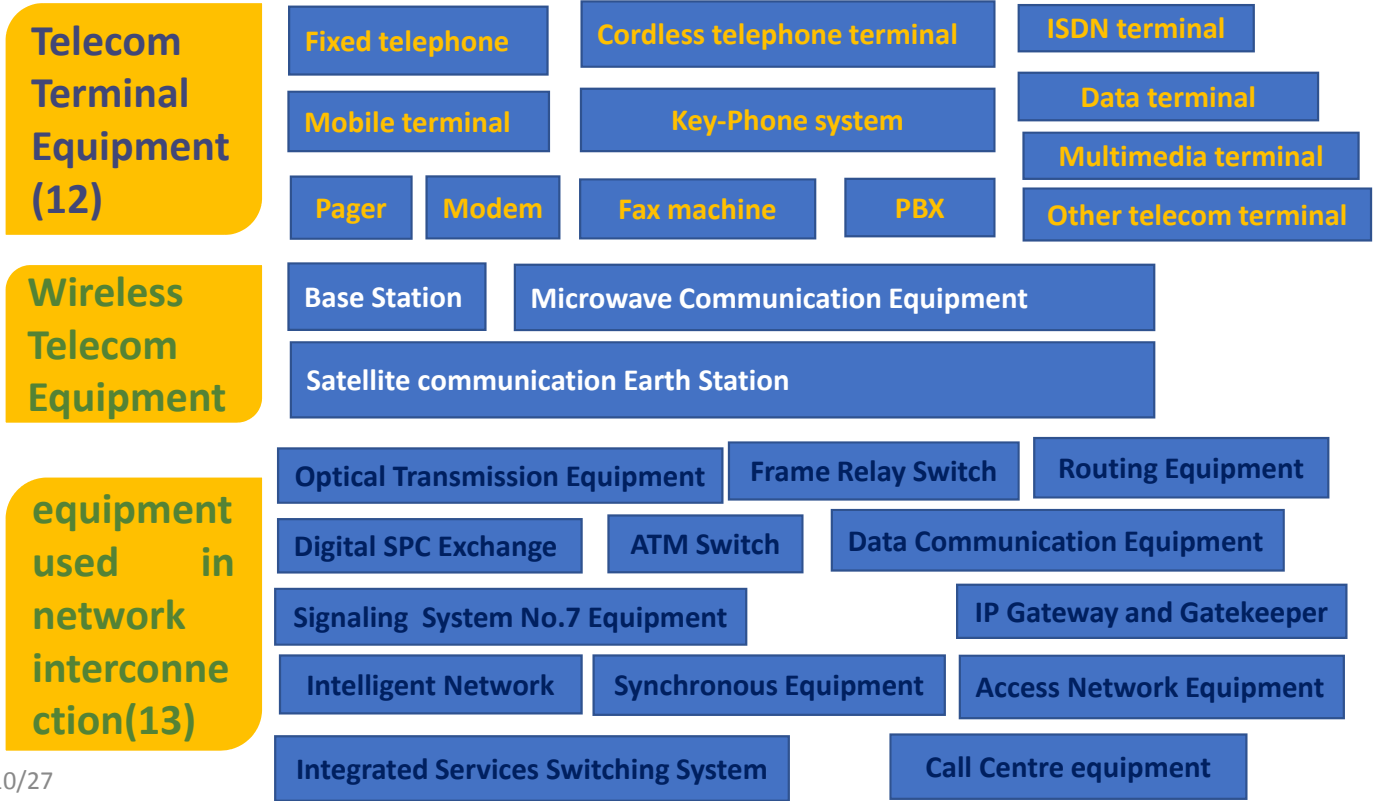
MIIT & AQSIQ

Categories



28 categories in total.

Connecting Public Telecommunication Network's



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

Comparison between NAL and certification system



	NAL	certification system
Implementation body	government(MIIT)	Certification organization
Approval condition	<ul style="list-style-type: none">● National/industry standards● Provisions of MIIT	<ul style="list-style-type: none">● National/industry standards● Consortium standards
purpose	<ul style="list-style-type: none">● State security● Fair competition● Interests of users● Industry planning	Conformity assessment



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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



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

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

Examination & Decision

60 days



Expert
Evaluation

- ◆ Wireless equipment, equipment used in network interconnection and equipment without state and industry standards
- ◆ being organized by ICTAB 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 and 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.

Other things you may be interested



- 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.



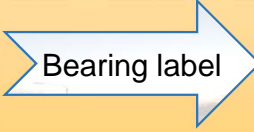
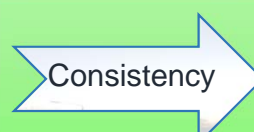
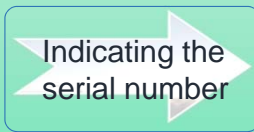
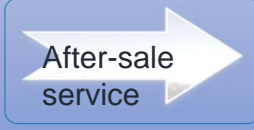
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Obligation



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



By August 2017, more than 7000 manufacturing enterprises obtained more than 88,000 licenses.



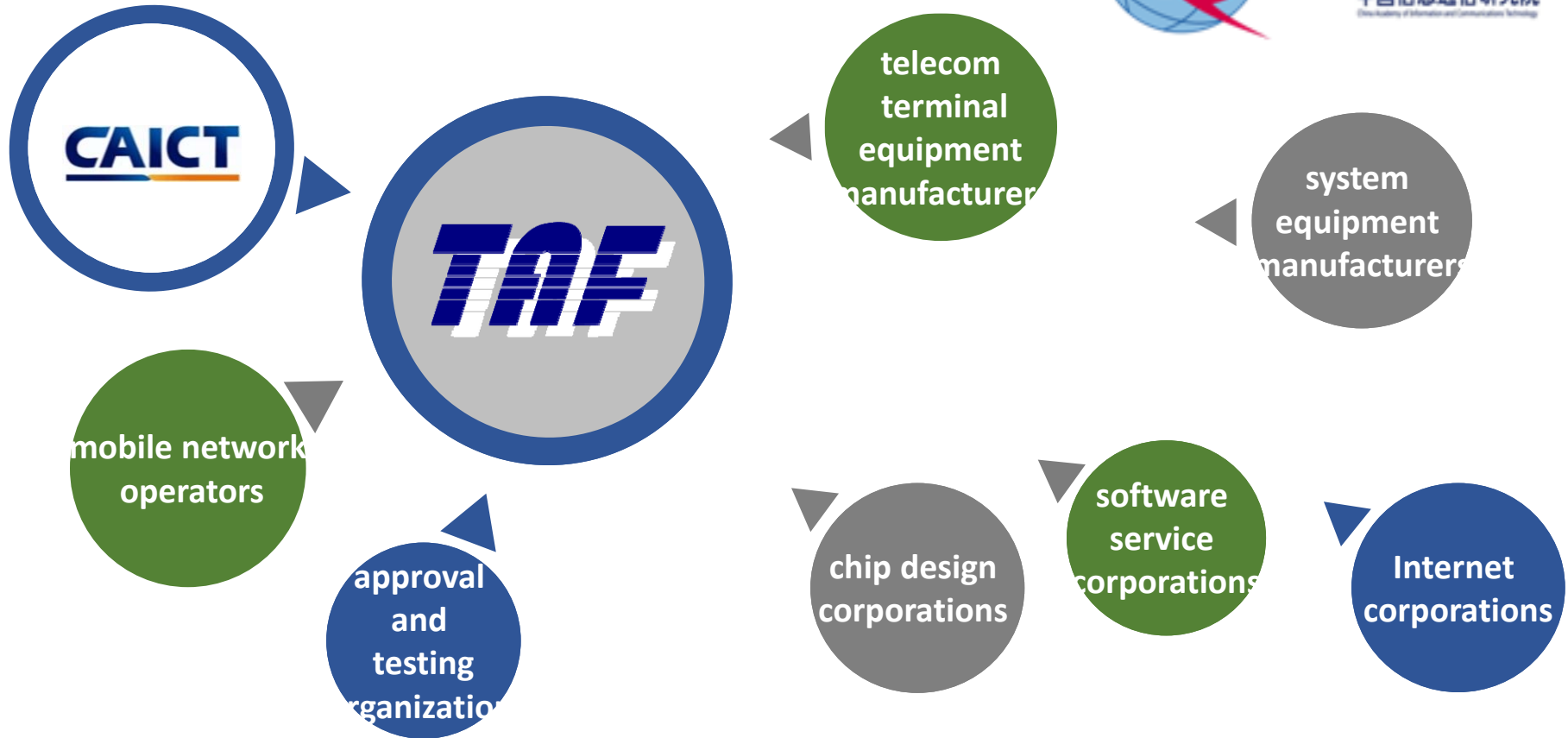
About 1800 manufacturing enterprises hold 14,000 valid licenses.



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Telecommunication Terminal Industry Forum Association



Main Tasks



Playing a bridge role as association, building exchange platform between manufacturers and government.

Being responsible of issuing IMEI to Chinese manufacturer, establishing an effective and standardized IMEI management system.

Promoting association standard development and rolling out variety of test services.

Carrying out exchange cooperation with international organizations, such as GSMA, BABT, MTDA,MSAI and GP, technically supporting Chinese manufacturers.

Main Bodies



General Assembly

Board

Legal Department

Secretariat

IMEI Management Department

WG1

WG2

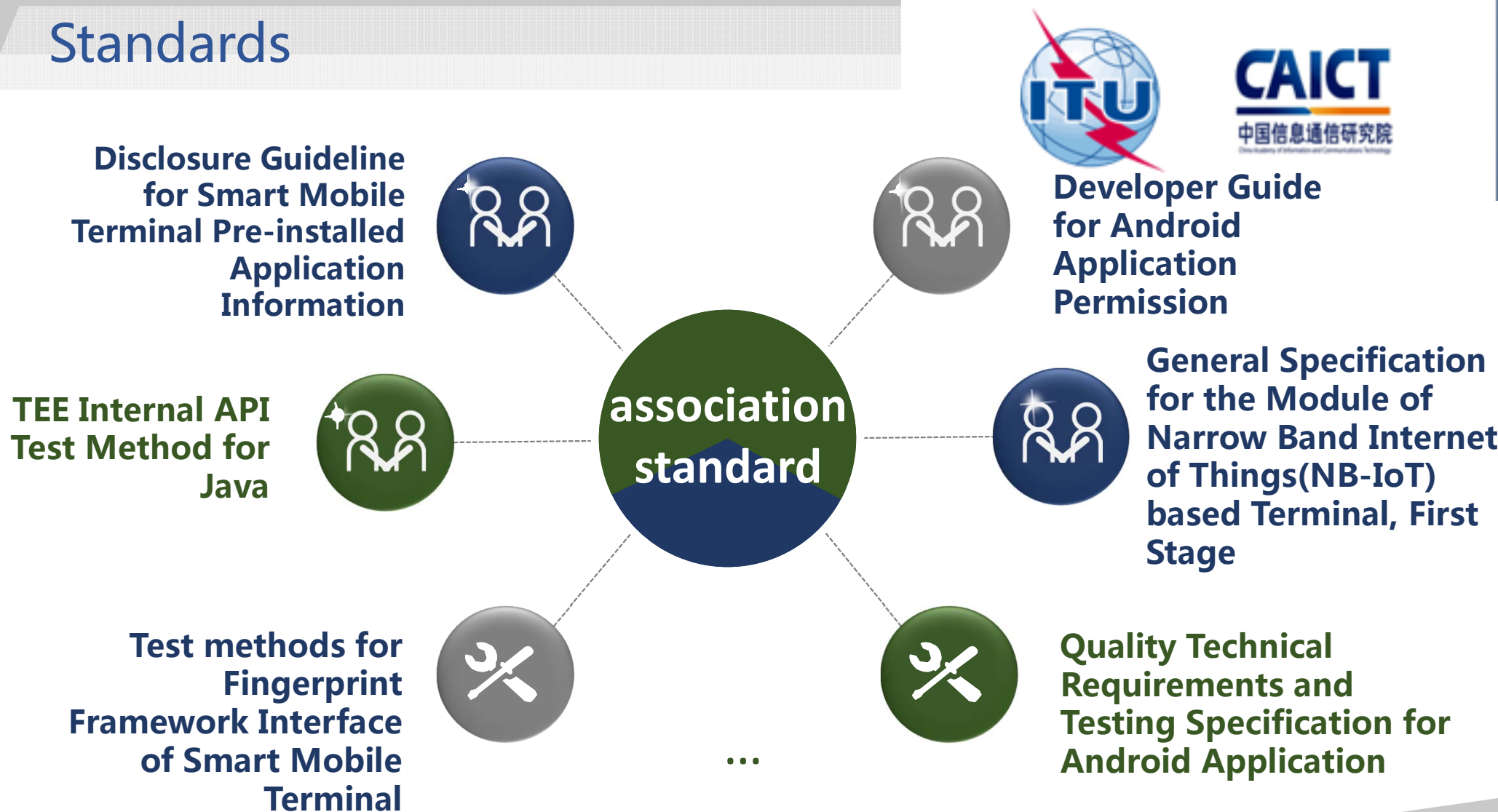
WG3

WG4

WG5

WG6

Standards



Developer Guide for Android Application Permission

General Specification for the Module of Narrow Band Internet of Things (NB-IoT) based Terminal, First Stage

Quality Technical Requirements and Testing Specification for Android Application

Test Services



Smarter Apps



Security capability of smart mobile terminal

智能终端安全能力评		2-5级安全能力说明	申请智能终端评测
	企业：华为技术有限公司 型号：PRA-AL00X 设备名称：TD-LTE数字移动电话机		
	企业：华为技术有限公司 型号：PRA-AL00 设备名称：TD-LTE数字移动电话机		
	企业：华为技术有限公司 型号：LON-AL00 设备名称：TD-LTE数字移动电话机		
	企业：华为技术有限公司 型号：MHA-TL00 设备名称：TD-LTE数字移动电话机		



THANK YOU!



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