



# BASICS OF LICENSING COMPLIANCE

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# OUTLINE

- ◉ Grant of License
- ◉ General conditions for Licensee
- ◉ Security Conditions
- ◉ Licensing Compliance and reporting
- ◉ Tariff issues

# FREQUENTLY REFERRED GENERAL CONDITIONS

- ◉ Restrictions on 'Transfer of License'.
- ◉ Intimate the DoT before starting service.
- ◉ Surrender of license with prior notice of 60 days and 30 days notice to subscribers

# FREQUENTLY REFERRED GENERAL CONDITIONS

- ◉ CAF and invoices/ bills should be in the name of licensee only.
- ◉ Follow the guidelines related to 'net-neutrality'.
- ◉ In case of UL-VNO, procure IP from parent NSO.
- ◉ All ISPs to migrate to saralsanchar portal and start on line reporting

# SECURITY CONDITIONS

- ◉ Network equipment be trusted product from trusted sources.
- ◉ PON equipment should be MTCTE compliant.
- ◉ Lawful interception and monitoring facilities.
- ◉ Maintain complete and updated network diagram.
- ◉ Maintain details of all commands logs executed in the system for 24 months.

# SECURITY CONDITIONS CONTD.

- ◉ Security audit of network every year.
- ◉ Blocking of websites and URL as and when directed by DoT.
- ◉ Keep Track of software updates/changes in the system and inform the licensor of any major updates within 15 days.
- ◉ Maintain IPDR in format dated 16.10.21

# SECURITY CONDITIONS - IMS / TSOC REQUIREMENT

- ◉ IMS (Internet Monitoring System) to be installed for lawful interception within 90 days.
- ◉ IMS required if upstream bandwidth from multiple service providers and having more than 10,000 subscriber
- ◉ IMS not required if upstream bandwidth is from single source
- ◉ At present deployed at 146 locations of 24 ISPs
- ◉ TSOC (Telecom Security Operation Centre) is deployed at the gateways where IMS installed

TRUSTED TELECOM  
PORTAL  
&  
MTCTE

VIKRAM MALVIYA DDG T MH LSA



# BACKGROUND- WHY

- Exponential increase in cyber threat
- Priorities
  - National Security
  - Indigenisation
  - Business continuity after first two priorities
- Need for Trusted Products from Trusted Sources on the Telecom Networks

# NATIONAL SECURITY DIRECTIVE ON TELECOMMUNICATION SECTOR

- ◉ Govt of India approved National Security Directive on Telecom Sector on 16<sup>th</sup> December 2020
- ◉ TSPs/ISPs to connect only those devices which have been declared as “Trusted Products” (FOREIGN/INDIAN) from Trusted Sources
- ◉ National Cyber Security Coordinator (NCSC) is the Designated Authority to declare Trusted

# IMPLEMENTATION

- ◉ Policy wrt trusted source has come into effect from 15<sup>th</sup> June 2021
- ◉ Trusted Telecommunication Portal launched to implement NSDTS
- ◉ Appropriate modifications in the License conditions by Department of Telecommunication

# CATEGORIES OF EQUIPMENT

**Core Equipment**

**Access  
Equipment**

**Transport  
Equipment**

**Support Systems**

- Operational
- Business
- Security

**Customer  
Premises  
Equipment**

# REGISTRATION\_ON\_THE\_PORTAL

- ◉ Refer to amendments on the License conditions on DOT website.
- ◉ Visit Trusted Telecom Portal at <https://trustedtelecom.gov.in>
- ◉ Hard copy of Letter of Authorisation (LoA) duly ink signed along with Board Resolution (BR) is to be sent to NSCS at following address (not on email) :-  
The Director,  
Trusted Telecom Cell, Room No 208, 2nd Floor,  
National Security Council Secretariat,  
Sardar Patel Bhawan, New Delhi - 110001

# REGISTRATION\_ON\_THE\_PORTAL

- Format of LoA is available on the Homepage of the Portal

<https://trustedtelecom.gov.in>

- Based on the LoA received, NSCS will create login
- Retain a copy of the LoA sent to NSCS as it will be required to be uploaded on the Portal for online registration





# PROCESS\_FLOW

- After registration, TSP/ISP can raise a project giving details of the OEM and their corresponding equipment to be procured
- OEM will get intimation to submit its LoA and BR for registration  
<https://trustedtelecom.gov.in>
- Once registered, OEM will submit its Company profile and Product profiles to NSCS
- Profiles will be evaluated and after approval from NSCT, the outcome will be updated on the Portal.

**MANDATORY TESTING &  
CERTIFICATION OF  
TELECOM EQUIPMENTS  
(MTCTE)**



# OBJECTIVES OF MTCTE

- I. Any Telecom Equipment does not degrade performance of existing network to which it is connected;
- II. safety of the end-users;
- III. protection of users and general public by ensuring that radio frequency emissions from equipment do not exceed prescribed standards;
- IV. Telecom equipment complies with the relevant national and international regulatory standards and requirements.

# MANDATORY TESTING & CERTIFICATION OF TELECOMMUNICATION EQUIPMENT(MTCTE)

- Telecom equipments shall have to undergo prior mandatory testing and certification in respect of parameters as determined by the authority.
- TEC is the Telegraph Authority. The testing is to be carried out by Indian Accredited labs.
- Based upon their test reports, certificate shall be issued by TEC.
- The Surveillance of products under MTCTE is carried out by Licensed Service Area (LSA) field units of Department of Telecommunications.
- WEBSITE: <https://www.mtcte.tec.gov.in/>

# MTCTE JOURNEY TILL NOW

- ◉ No. of Certificates-811
- ◉ No. of Certified Models-1787
- ◉ No. of Registered Applications-441
- ◉ No. of Registered Indian OEM-117
- ◉ No. of Registered Foreign OEM-163
- ◉ Lab registered:64
- ◉ List of Equipment under MTCTE is at <https://www.mtcte.tec.gov.in/>

1<sup>ST</sup> ANNUAL CONFERENCE OF ISPS  
12-13 JUNE'2023

# TRAI- Promotion of Broadband through smaller ISPs

Sanjay Kumar

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Telecom Regulatory Authority of India

# TRAI EFFORTS IN PROMOTING BROADBAND THROUGH SMALLER ISPS

Recommendations on Ease of Doing Business in Telecom and Broadcasting Sector dated 02.05.2023-

- ◉ Single window system for submitting report and compliance
- ◉ Formation of EoDB committee by ministry
- ◉ LIS monitoring demonstration of a new service at single place
- ◉ ISP reporting from quarterly to yearly

# TRAI EFFORTS IN PROMOTING BROADBAND THROUGH SMALLER ISPS

- ◉ A special reduced compliance burden framework for ISP-C,
- ◉ For Category 'C' ISP requirement of submitting quarterly statement of revenue share and license fee audited by the Auditors should be replaced by

self-certified statements/ accounts. The Government should seek audited accounts and statement annually.

# KEY TAKEAWAYS FOR INTERNET SERVICE PROVIDERS

- Migrate to Saral Sanchar and do online reporting.
- Comply with Licensing issues with special emphasis on
  - Security related matters
  - Guidelines wrt Trusted source and MTCTE
  - Maintaining IPDRs in format dated 16.10.21



**THANK YOU**