

3028280/2025/O/o Sr.DMM/AII/NWR

I/3079502/2023



भारत सरकार (GOVERNMENT OF INDIA)  
रेल मंत्रालय (MINISTRY OF RAILWAYS)  
रेलवे बोर्ड (RAILWAY BOARD)



No.2023/Tele Dev/Trusted Sources

Date: 11.10.2023

The General Manager/Director General,  
All Zonal Railways/ RDSO/ PUs/ CTIs.

**Telecom Circular No. 12/2023**

**Sub: Use of Trusted Products from Trusted Sources for backbone telecom network of IR**

**Ref: DOT's letter No. from File no 20-1236/2021-AS-I dt 30.03.2021**

Indian Railway is setting up its LTE and IP/MPLS network covering its entire route. The backbone network will support all applications and network of Indian Railways including those that are critical. Looking in to the fact that this network will carry information of ticketing, freight operation, train control (Kavach) etc., it is considered that only trusted product from trusted sources should be used in the backbone network of Railways.

2. National Security Council Secretariat (NSCS) of the Government of India has set up a Trusted Telecom Portal (TTP) for ensuring only trusted telecom equipment are being used by the Telecom /Internet Service Providers in India from trusted sources with an aim to address the security concerns of the telecom networks.

3. In this regard, National Security Council Secretariat (NSCS) has allowed access of Trusted Telecom Portal (TTP) by Railways.

4. Accordingly, it has been decided that to begin with, the LTE e-Node-B, cell site routers, switches and the IP/MPLS routers that will be used on Indian Railways, should be got cleared through the Trusted Telecom Portal before the supply of equipment. This is applicable with immediate effect for all equipment being procured.

5. This issue with the approval of Additional Member (Telecom).

6. Kindly acknowledge the same and ensure compliance. **Signed by Rakesh Ranjan**  
**Date: 11-10-2023 11:01:58**

**Reason: Approved**

(राकेश रंजन)

कार्यकारी निदेशक (दूरसंचार विकास)

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**Copy to:**

- PCSTE/CSTE (Const), All Zonal Railways for kind information and necessary action.
- PED/S&T/RDSO for incorporation in the relevant specification/TAN.

Signature Not  
Verified  
Digitally signed by  
KAMLESH KUMAR  
KHORWAL  
Date: 2025.08.05  
12:45:50 IST  
Reason: IREPS-CRIS  
Location: New Delhi