



भारत सरकार - रेल मंत्रालय
अनुसंधान अभिकल्प और मानक संगठन
लखनऊ - 226011

Government of India - Ministry of Railways
Research Designs & Standards Organisation
LUCKNOW - 226011



सं. RDSO-TELE0LKO(SPEC)/1/2019-O/o ED/Tele-I/RDSO

दिनांक: 31.08.2022

प्रि.सी.एस.टी.ई./भारतीय रेल

PCSTEs/Indian Railways

Sub.: Regarding security verification certification testing of cameras and software.

Ref.: 1. RDSO specification for IP based Video Surveillance System as per RDSO/SPN/TC/65/2021, version 6.0
2. Railway Board letter no. 2020/TeleDev/CCTV Project (3322183), dtd. 04.04.2022

Vide reference (i) above, the Cl. No. 3.9 specifies that security auditing and testing of cameras and software (including source code), is to be conducted by **STQC (Ministry of Electronics & Information Technology)** or any other **Government Agency** from the list of CERT-In empaneled Information Security Auditing Organization. It is recommended that purchaser shall mention the following requirements to STQC or other agencies for this security auditing and testing.

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| For cameras: | Clause No. 5.1 (xxxvii), 5.2 (xxxvi), 5.4 (xxxix), 5.5 (xxxix), 6.0 (xxxviii) & 7.0 (xliv) | All the parameters applicable to cameras with relevant and equivalent safeguards shall be assessed as per Level-2 of "Appendix C of OWASP: Internet of Things Verification Requirements" as per OWASP Application Security Verification Standard version 4.0. |
| Facial Recognition Software | Clause No. 19.28 | All the parameters applicable to software for security, vulnerabilities, etc. shall be assessed which can be deployed to meet the security assurance requirements with "SAFE TO HOST CERTIFICATE" as per the OWASP Top 10 or latest. |
| For other software applications: | Clause No. 18.1.32 (VMS), 18.2.30 (GUI client software), 18.3.17 (Video recording software), 18.4.14 (AI enabled Video Analytics software), 18.5 (iv) (Remote viewing on web and mobile App), 18.6.23 (Command Control Centre software) | All the parameters applicable to software for security, vulnerabilities, etc. shall be assessed which can be deployed to meet the security assurance requirements as per the OWASP Top 10 or latest. |
| Note: The above shall be applicable from the date of issue of this letter. | | |

The compliance with clause no. 3.9, 3.10, 3.11, 3.12 & 3.13 shall be ensured, and requisite documents shall be submitted along with the call letter for RDSO inspection.

(जि. पवन कुमार)

कार्यकारी निदेशक/दूरसंचार-II

कृते महानिदेशक / संकेत एवं दूरसंचार

C/- ED/TD/RB for kind information.

Copy To:

1. **Executive Director/QA/S&T/RDSO**, Hasanpura Road, In Front of Railway Hospital, Jaipur-302006.
2. **Executive Director/QA/S&T/RDSO**, Ground Floor, DRM Office, South Western Railway, Bangalore-560023.
3. **Executive Director/QA/S&T/RDSO**, 1st Floor, New Annexe Building, Western Railway, Churchgate, Mumbai-400020.
4. **Executive Director/QA/S&T/RDSO**, 4th Floor, West Wing, Fairlie Place, Eastern Railway, 17, N.S. Road, Kolkata-700001.
5. **Executive Director/QA/S&T/RDSO**, IRCOT Complex, Behind Shanker Market, Near Shivaji Bridge, New Delhi-110001.
6. **Director/Signal-I/RDSO**, Signal Deptt., S&T Directorate, Manak Bhawan, RDSO, Lucknow.
7. **Dy. Director/QA/S&T/RDSO**, SPF/2/A, East Railway Colony, Bhopal-462010.

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| 1. | The PCSTE: | प्रि.सी.एस.टी.ई.: |
| (i) | Central Rly., Mumbai, CST – 400001 | मध्य रेलवे, मुंबई सी.एस.टी. – 400 001 |
| (ii) | Western Rly, Churchgate, Mumbai – 400020 | पश्चिम रेलवे, चर्च गेट, मुंबई – 400 020 |
| (iii) | Eastern Rly., Fairlie Place, Kolkata 700001 | पूर्व रेलवे, फेयरली प्लेस, कोल्कता – 700 001 |
| (iv) | South Eastern Rly., Garden Reach, Kolkata | दक्षिण पूर्व रेलवे, गार्डन रीच, कोल्कता – 700 043 |
| (v) | Northern Rly. Baroda House, New Delhi-110001 | उत्तर रेलवे, बड़ौदा हाउस, नयी दिल्ली – 110 001 |
| (vi) | North Eastern Rly., Gorakhpur- 273012 | पूर्वांतर रेलवे, गोरखपुर – 273 012 |
| (vii) | North East Frontier Rly., Maligaon, Guwahati | पूर्वांतर सीमान्त रेलवे, मालीगांव, गुवाहाटी – 781 011 |
| (viii) | Southern Rly. Park Town, Chennai – 600003 | दक्षिण रेलवे, पार्क टाउन, चेन्नई – 600 003 |
| (ix) | South Central Rly., Secunderabad – 500371 | दक्षिण मध्य रेलवे, सिकंदराबाद – 500 371 |
| (x) | East Central Railway, Hajipur | पूर्व मध्य रेलवे, हाजीपुर |
| (xi) | East Coast Railway, Rail Vihar BDA Rental Colony, Chandrasekharapur, Bhubneshwar | पूर्व तटीय रेलवे, रेल विहार बी.डी.ए. रेंटल कालोनी, चन्द्रशेखरपुर, भुवनेश्वर – 751 023 |
| (xii) | North Central Railway, Subedaarganj, Prayagraj. | उत्तर मध्य रेलवे, सुबेदारगंज, प्रयागराज |
| (xiii) | North Western Railway, Jaipur – 300206 | उत्तर पश्चिम रेलवे, जयपुर – 300 206 |
| (xiv) | South Western Railway, Club Road, Keshavpur, Hubli - 23. | दक्षिण पश्चिम रेलवे, क्लब रोड केशवपुर, हुबली – 23 |
| (xv) | West Central Railway, Annex Building, Opp Indira Market, Jabalpur-482068 | पश्चिम मध्य रेलवे, एनेक्स भवन, जबलपुर – 482 068 |
| (xvi) | South East Central Railway, R.E. Office Complex, Bilaspur – 495004 | दक्षिण पूर्व मध्य रेलवे, आर.ई. ऑफिस काम्प्लेक्स, बिलासपुर – 495 004 |
| 2. | PCSTE, Metro Railway, 23-A, Jawaharlal Nehru Road, Kolkata – 700071 | प्रि.सी.एस.टी.ई., मेट्रो रेलवे, 23-ए, जवाहर लाल नेहरू रोड, कोल्कता – 700 071 |
| 3. | PCSTE, CORE, Nawab Yusuf Ali Road, Civil Lines, Prayagraj – 211 001 | प्रि.सी.एस.टी.ई., कोर, नवाब यूसुफ अली रोड, सिविल लाइन्स, प्रयागराज – 211 001 |
| 4. | Director General, IRISSET, Tarnaka Road, Lallaguda (P.O.), Secunderabad-500 017 | महानिदेशक, इरीसेट, तारनाका रोड, लालागुडा (पि.ओ.) सिकंदराबाद – 500 017 |
| 5. | CMD, RailTel Corporation of India Ltd., 10 th Floor, Bank of Baroda Building, Parliament Street, New Delhi | मुख्य प्रबन्ध निदेशक, रेलटेल कारपोरेशन ऑफ इंडिया लिमिटेड, 10 ^{वीं} , मंजिल, बैंक ऑफ बड़ौदा भवन, पार्लियामेन्ट स्ट्रीट, नयी दिल्ली |