



Telecom Achievements 2025 - 26

East Central Railway
Samastipur Division



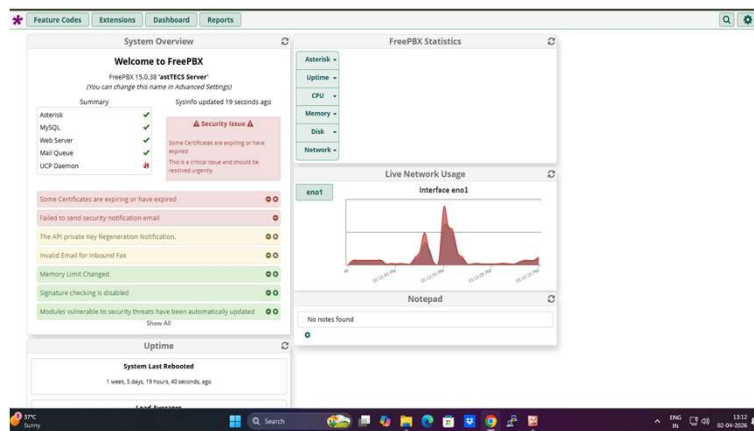


Achievements at a Glance

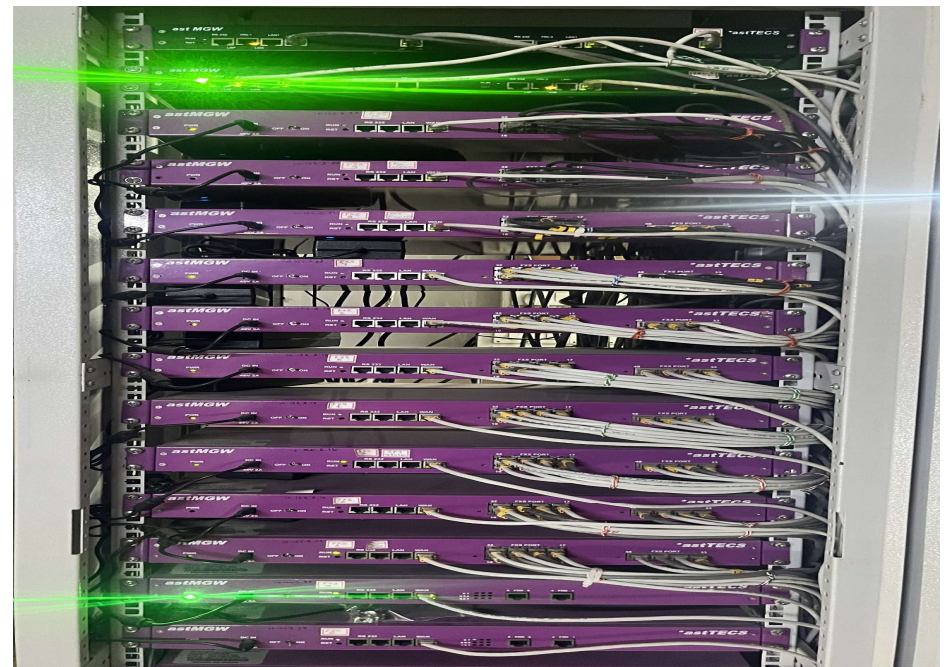
1. Installation of IP-Exchange.
2. Installation of Advance featured CCTV.
3. Shifting of Old Control Room to New Control.
4. Provision of VOIP Based Control Communication.
5. Commissioning of CIB & TIB.
6. Installation of IP-MPLS System.
7. Increased of CCTV Footage.

1. Installation of IP-Exchange

Successfully upgraded telecom infrastructure by installing IP Exchange at 5 locations across Samastipur Division, replacing ISDN Exchanges.



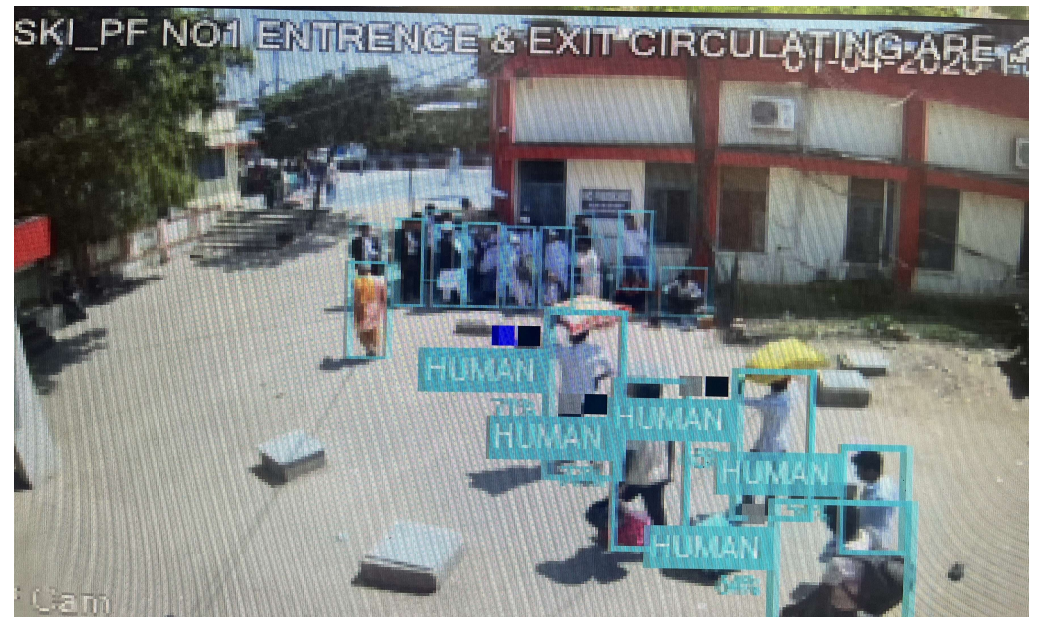
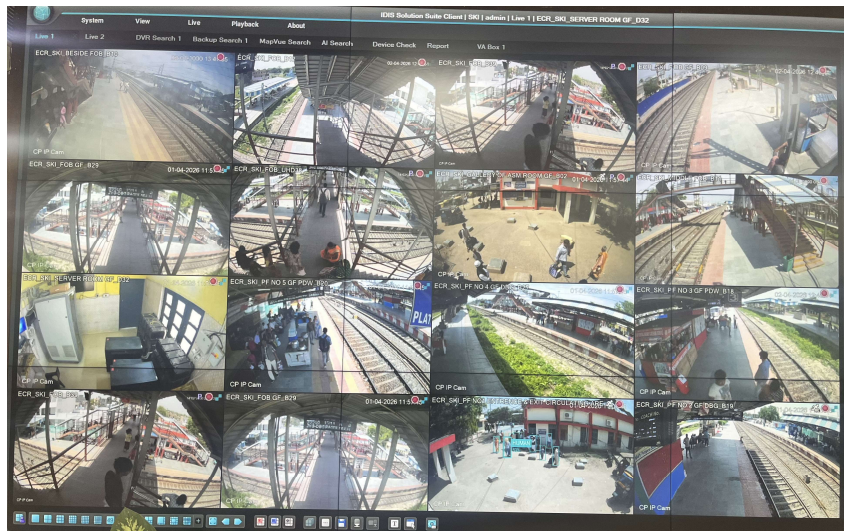
Network Management System



Server Installed at Samastipur, Darbhanga, Raxaul, Narkatiaganj & Saharsa

2. Installation of Advance featured CCTV

Advanced feature CCTV cameras with Facial Recognition System (FRS) has been installed at 02 Stations under Samastipur Division.

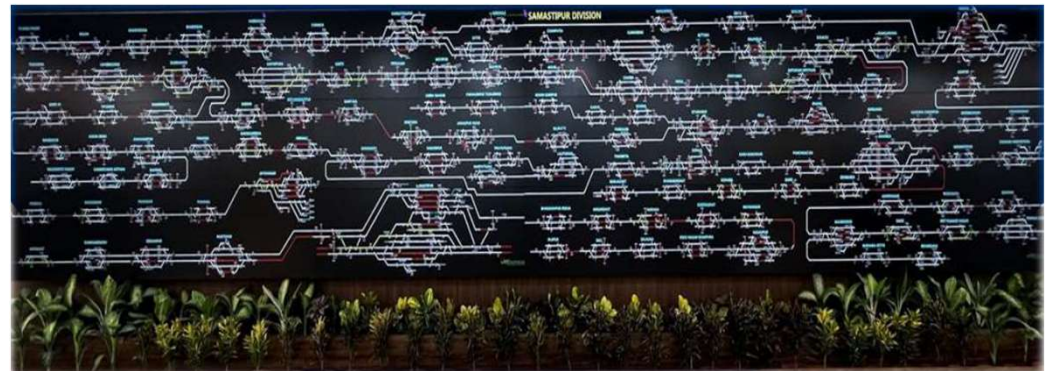


CCTV Footage including FRS Facility

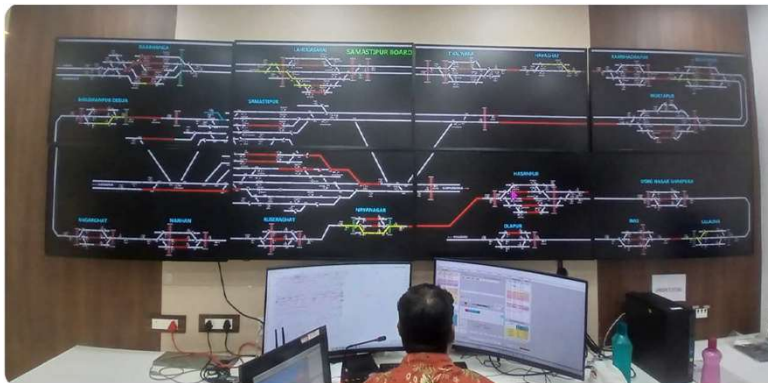
Sakari & Madhubani Station

3. Shifting of Old Control Room to New Control

Shifting of Old Control Room to a state-of-the-art newly constructed Control Room featuring integrated advanced Datalogger, Simulation systems, and a massive Central Video Wall (10x3 Matrix) for seamless real-time monitoring of all divisional stations on a single display.



Central Video Wall



Simulation systems

4. Provision of VOIP Based Control Communication

Advance Voice over Internet Protocol (VOIP) Control Communication System installed across 3 Section Controls, featuring intuitive one-touch displays and crystal-clear noise-free audio.



Muzaffarpur, Samastipur & Nirmali Board

5. Commissioning of CIB & TIB

Enhanced passenger experience by installing Coach Indication Boards (CIB) and Train Indication Boards (TIB) at Simri Bakhtiyarpur Station, plus additional TIBs at Samastipur and Saharsa Stations, delivering accurate real-time train and coach position information for utmost convenience.



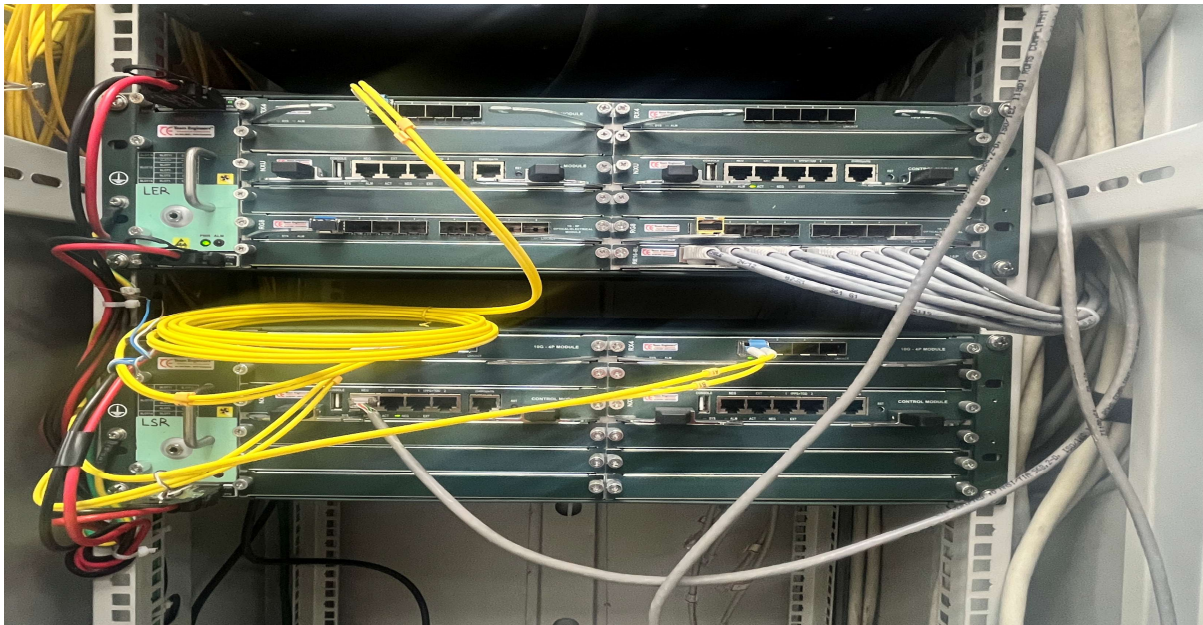
TIB at Simri Bakhtiyarpur Station



Coach Indication Board & Train Indication Boards

6. Installation of IP-MPLS System

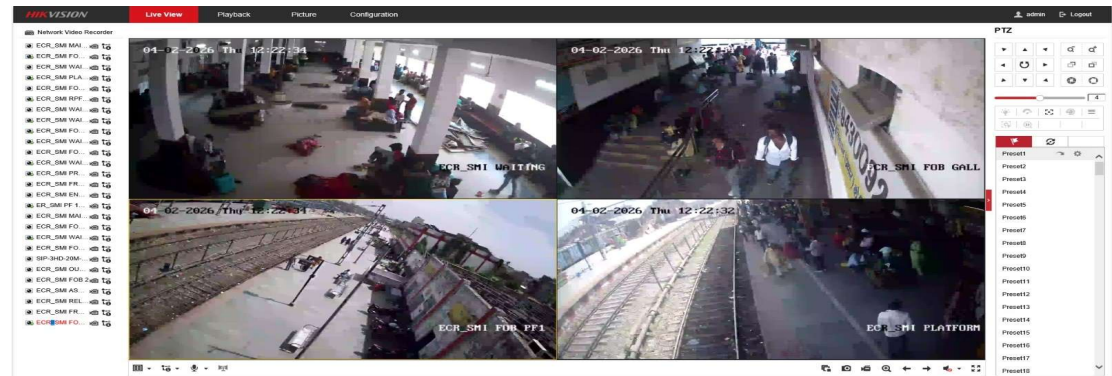
Upgradation of network infrastructure by deploying IP-MPLS systems across 107 stations in Samastipur Division, delivering lightning-fast packet transmission, superior Quality of Service (QoS) support, and enhanced security features.



IP-MPLS system installed at Samastipur
NMS Room

7. Increased of CCTV Footage

Upgraded NVR systems at 5 key stations in Samastipur Division, extending CCTV footage retention to 30 days for enhanced security, safety, and detailed incident analysis up to a month. This critical upgrade ensures comprehensive surveillance coverage and swift investigations.



CCTV Footage of Station



CCTV Footage of Station Showing 30 Days Backup