RailNet

BROUGHT TO YOU BY C-SUITE

INNOVATIVE AEI TECHNOLOGY

COMET's RailNet AEI system delivers trusted performance, seamlessly connecting with Cinq, the C-Suite platform that turns raw AEI data into actionable rail intelligence.

TYPICAL SYSTEM:

RailNet Core APU102
- 24VDC 2A Supply
- T10 modern quad-core processor on APU rack-format carrier
- TDA204 Wheel Sensor and I/O interface
- M-Pass MPRX adapter with MPRX monitor

RF Subsystem
- MPRX by Transcore

Wheel Detector Subsystem Options
- Frauscher Dual Element Wheel Detector
- Tiefenbach

Presence Subsystem Options
- Zukinut Z3 AFO track circuit
- Loop detection system
- Banner radar sensor system

Power Subsystem
- LVD-2000 Power Manager
- 24V, 100 Ah (standard)

Enclosure Options
- 4' x 6' walk-in aluminum hut
- Assembly mounted on painted plywood backboard
- 24" L x 12" D x 60" H NEMA Enclosure

Train Speed
- Up to 180 mph

Antennas
- Two antennas per track
- Parapanel antenna
- Low profile log-periodic antenna
  - Between tracks or restricted clearance

Software
- AAR "Clean Consist" post-train reporting (standard)

Track Configurations
- Single or multiple track
- Restricted or unrestricted clearance

System Reporting Sessions
- Up to ten separate consist reporting sessions with parameters for host location and reporting format
- Maintenance reporting functions for each consist reporting session

Communications Protocol
- S-9203 (T-94) (standard)

SCAN TO LEARN MORE

POWERED BY

COMET™