RSE (VOD)

Product   VOD Monitor

Concept   VOD / Operation Information / Attendant Call Service

Target region   Domestic / KTX

Feature	Details
Diverse Communication Integration	• VOD Server: VOD, FOTA, NTP, Seat Number • AVC (Broadcast) Server: Attendant Call, AV Streaming • Emergency Power (Battery) Integration (w/ VOD Server): Blackout Mode
Two-Way Service (w/ Server)	• Server Integration: Diagnostic, FOTA (A/B update), VOD, Attendant Call
One-Way Service	• Ethernet: Operation Information, Arrival Station Info, Onboard Broadcast, Seat Number • Wi-Fi (w/ AP/LTE): YouTube, Internet Web
PoC Service	• Terminal: Miracast (Wi-Fi), Game, BT Headset • Server: *AM, VOD Content Delivery/Update

Diagram

VOD Monitor — LAN (TCP/UDP) — **VOD Server**

Battery — Serial — **VOD Server**

AVC
Audio Video Control Server — LAN (TCP/UDP) — **VOD Server**

- Time Synchronization (UDP)
- On-board Broadcast (TCP)
- Fire Alarm
- Automated Announcement
- Emergency Announcement
- Integrated Control Center Broadcast
- Attendant Call
- Train Direction
- Passenger Announcement

VOD Server — MVB (TCN) — **TCMS**
Train Control and Monitoring System

MVB(TCN)
- Seat Failure Information
- VOD Server DISK Load / Memory Load / ACTIVE / INIT

LAN (UCP) Streaming Video   **FTP** Arrival & Emergency Notifications

VSVR
Video Server

Streaming

MOTREX