

- Ruggedized platform according to EN50155 standards.
- Cutting edge technology for a multimedia Ethernet-based system.
- Modular and highly configurable approach.
- Fully integrated in the TRAINTIC systems cloud (COSMOS, ORION, LYNX, EDRIS and ATENEA SUITE).
- Remote operation, maintenance and configuration tasks via the ATENEA SUITE operation assistance system.



DESCRIPTION

Following the Web and Telephony Industry trends and based on widely accepted IP-technologies and standards, HERMES platform aims at providing comprehensive and friendly information to passengers, as well as to improve their safety, comfort and wellness.

Thanks to the before-mentioned standardization approach together with the TRAINTIC's Operation Assistance System, ATENEA SUITE, Service Operators are provided with a powerful and easy-to-use tool to operate their mobility offer. In other words, ATENEA SUITE boosts the inherit convoy features provided by HERMES to the level of the train fleet management.

Finally, as a result of the achieved high modularity and integration ratio, HERMES platform is suited to cover a large variety of railway applications, ranging from cost-efficient trams to high-end trains markets.

Main services that HERMES Integrated Multimedia Platform delivers to the customers can be summarized as follows:

- **Network solutions.**
- **Public information/address and intercom services (HERMES - PIS/PAS).**
- **Entertainment services (HERMES - ENTERTAINMENT).**
- **Video-Surveillance services (HERMES – VIDEO SURVEILLANCE).**

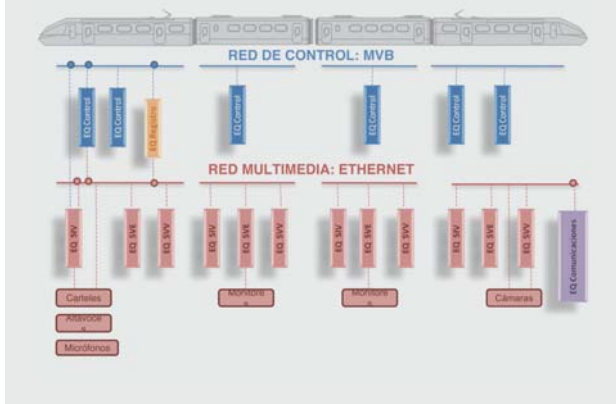
To enrich all those services, HERMES Platform stands on the high integration standards provided by the TRAINTIC Systems Cloud, including the communication solutions of the LYNX system, awareness of train status thanks to the COSMOS system or train fleet management capabilities from the ground command post made possible by the ATENEA SUITE.

CHARACTERISTICS

Main services that HERMES Integrated Multimedia Platform delivers to the customers can be summarized as follows:

- **NETWORK SOLUTIONS:**

- > Design and implementation of *à la carte* bus Ethernet network layout, fully optimized according to needs.
- > Gateway implementation to other onboard communication buses.
- > Remote train-land connection. * See *Lynx datasheet*



- **HERMES - PIS/PAS. Public information/address and intercom services:**

- > Public address services:
 - On-board crew to passengers address (audio).
 - Ground crew to passengers address (audio).
- > Public information services:
 - Automated public information (audio & display).
 - Manual public information (audio & display).
- > Intercom services:
 - On-board crew to crew intercom (audio).
 - Passenger to crew intercom (audio).



- **HERMES - ENTERTAINMENT. Entertainment services:**

- > Driver cockpit ambient music.
- > Passenger saloon ambient music.
- > Passenger saloon multimedia display (video & data).



- **HERMES - VIDEO SURVEILLANCE. Video-Surveillance services:**

- > On-board video recording services:
 - On-board network video servers recording.
 - Station platform network video servers recording (upon connectivity).
- > On-board live-view video display services:
 - On-board network video servers display.
 - Station platform network video servers display (upon connectivity).

