

- Unified graphic user interface for TRAIINTIC systems remote operation.
- Highly scalable services oriented solution.
- Multi-platform and multi-user web-based approach.
- Easy integration of/with third-party systems.



DESCRIPTION

Fully integrated in the TRAIINTIC Systems Cloud, ATENEA SUITE provides onboard TRAIINTIC Systems (COSMOS, ORION, HERMES, EDRIS or LYNX) with the right set of tools to be remotely managed and configured via a unified and amiable graphical user interface.

Scalable, modular and services oriented, ATENEA SUITE is TRAIINTIC's operation assistance system proposal designed to fulfil the needs and expectations of both, rail operators and mobility services users.

- Train fleet supervision and diagnosis due to the integration with **COSMOS System**.
- Train fleet access to event recordings via the integration with **ORION System**.
- Multimedia contents management through the integration with **HERMES System**.
- Energy efficiency analysis by means of the integration with **EDRIS System**.
- Global connectivity is resolved thanks to the integration with **LYNX System**.

SUITE, which is based on web services, operation effectiveness and efficiency are guaranteed.

Moreover, ATENEA SUITE yields a powerful user management engine to handle dedicated ATENEA graphic user interfaces depending either on user profiles or operation terminals, including command posts, remote desktops or mobile devices.



Towards the standard integration backbone provided by ATENEA

CHARACTERISTICS

ATENEA SUITE offers the following value-added services over train fleet systems:

- Configuration and maintenance through ATENEA SUITE shared graphical user interface.
- Real time monitoring of predefined train parameters.
- Register and data storage of train information in managed databases.
- Real time alarm management, providing alarm recordings and alarm notification options, which includes third-party systems.
- Content upgrades and register downloads scheduling over transparent-to-operator communications mechanisms.
- User profile management yielding simultaneous and different levels of access to both functionality and data.
- Register viewer including an easy-to-use tool to analyze collected data.
- Time synchronization, based on NTP standards, with the operator time reference.

