

Control
Room

Infrastructure
Maintenance

Rolling
& Vehicle
Maintenance

Predictive
& Optimized
Maintenance



Rolling & Vehicle Maintenance

The Asset management and Computerized Maintenance Management System (AM&CMMS) represents an end-to-end solution for Transport Operators who are committed to develop maintenance process governance.

The solution comes from the multi-decennial expertise of Almaviva and it's based upon the extensive and smart exploitation of the SAP Suite ECC on HANA technology.

By means of a wide range of functionalities for each level of the hierarchical organization, the solution supports: Creation of Technical Asset, Asset Maintenance, Spare Parts & Components Logistics, Accounting and Financial Management

The solution includes main maintenance processes, such as:

- Asset master data stewardship: ensuring the uniform-

- ity, accuracy, stewardship, semantic consistency and accountability of the Rolling Stock's official shared master data;
- Corrective maintenance: maintenance task performed to identify, isolate, and rectify a fault of Rolling stock or Depo's equipment or machines;
 - Preventive maintenance: maintenance regularly performed on the rolling stock to lessen the likelihood of it failing. It is planned while the rolling stock is still in working conditions so that it does not break down unexpectedly. Planning can be performed by calendar time or connected to technical measurement of the specific equipment
- Logical and Physical warehouse: logistic activities are performed daily for maintenance spare parts, such as consumption, reorder, inventory, physical location, traceability of serialized spare parts and equipment between warehouse and shops

Full integration with Accounting and Business intelligence: Maintenance cost allocation is performed towards Hierarchical Cost Centers accounting. The solution also supports preventive maintenance costs forecast, asset accounting and asset value arising after refurbishment activities, and purchasing process integration