Milos·TOS

Milos® TOS is the innovative suite developed to achieve an effective global management of the terminal activities throughout simplified processes and reliable interoperability with all the relevant stakeholders' information systems.

Composed by several modules and connectors, Milos® TOS allows logistic, administrative and customs operations to be effectively and jointly managed in a unique platform with all the relevant information digitally secured and interoperable with other systems (Port Community System, Shippers, National Customs Single Window, etc...) according to the 'ONCE' approach – each data entered only one time and shared among all players involved.

Milos® TOS suite is designed to manage both inland and seaport terminals (forest products, new cars, vehicles, trailers, project cargo and containers) including the interoperability with **IoT smart devices** (Tags, e-seals) and the implementation of **Gate Automation** and **Yard Automation** solutions.

The suite aims at achieving an effective global management of terminal activities with:

- *significant time reduction and costs saving*

- *improvement of yard & gate productivity and handling efficiency, measurable through KPI and customised dashboards*

- *provision of high added value services to be integrated in terminals' value proposition to end customer*

Milos·TOS

The suite is composed by several modules that can be managed according to the specific needs.

Rail operations
Rail park; weekly and monthly planning for convoy allocation; real time view of rail park availability and loading and discharging operations; train loading and discharging plan; mobile web app for loading and discharging execution.

Vessel Management
Management and monitoring of the real time status of vessel arrivals, received booking, related terminal operations planning, loading and discharging checks.

e-invoice reports, Invoicing and ERP Integration
Management of information flows from operations to accounting, creation of documents and quotation management, check of the adequacy and data validation. Integration of the analytical accounting or management control through the study of an ad hoc connector, parallel and complementary to the ERP one.

Gate operations and Automation
Gate-in and gate-out operations, with information storage related to goods and drivers passing through the terminal gate. Complete printable interchange document containing detailed information about goods and delivery to the driver.

Yard Management
Priority, category and scheduling of day's work, creation of "to do" tasks on containers and cargo, tracking of KPIs on yard operations, real time cargo view, short-term or long term planning operations, Stuffing&Stripping.

Customs clearance management
Traceability of the import/export cycle, full digitalisation of Customs clearance.

IoT
IoT enabled gate in / gate out processes and the full tracking of the goods.

BENEFIT

- *Join management of logistics, administrative and customs operations*

- *ONCE approach application, and complete interoperability with stakeholders' systems*

- *Time and costs reduction due to the full digitalisation of the information flow and effective automated procedures*

- *Optimisation of rail shunting and rail last mile activities*

- *Simplification of daily terminal procedures exploiting innovative technologies (Blockchain, Notarisation)*

Where Milos® TOS is in operation

Terminal San Giorgio

Compagnia Impresa Lavoratori Portuali (CILP)

Samer Seaports and Terminals

Port of Ravenna | Ferry Terminal

Lugo Terminal

Rail Hub Europe (customs modules)

T.I.N (Intermodal Terminal Nola)

South European Dryport

PSA Genova Prà (Rail modules)

Interporto di Trieste

Trieste Intermodal Maritime Terminal

CONTACT US