



Nuovo Petrol

Terminal Automation System

Overview

Nuovo Petrol is a modular and configurable software platform designed for the supervision and automatic control of fluid loading and shipping.

The system automatically coordinates and controls all operations, increasing the efficiency and safety of processes carried out within the oil depot.

The user-friendly and comprehensible graphical interface allows for the supervision of the entire loading process directly from the control room.

Functionalities



Driver and Vehicle Identification



Check-in & Booking



Intelligent Call-to-Load System



Entry/Exit Gateway Control



Weight Control (Tare / Gross)



Management and Control of Loading Bays



Additives Management



Interface with ERP System



Tank Level Control



Business Intelligence and Data Mining



Bunker Barge Loadings



Rail Tanker Loadings

TAS Nuovo Petrol

Features

- Interactive and innovative web application
- Modular, scalable, and customizable functionalities
- Low management and maintenance costs
- Multi-tier client-server architecture
- Data persistence on a relational database
- Easy-to-manage front-end (browser navigation)
- Ease of use
- Timely and clear diagnostics of field instrumentation status

Benefits

- Improved loading process speed
- Reduced time spent by drivers at the oil depot
- Enhanced safety and control of the oil depot
- Secure storage of historical data for subsequent analysis

