



Measurement & Metering Control

iMonitor - Total tank gauging and control ▶



Tank gauging solutions for bulk liquid storage

Tank gauging is an essential tool for the monitoring of tank contents, inventory control and general tank farm management. Accurate measurement is always a key requirement but reduction of product losses and overfill protection are also important factors when selecting a system.

iMonitor System

The iMonitor system is a truly versatile application that is modular in design and provides open connectivity. EA Projects can offer the system as a turnkey tank gauging package which can interface to virtually any instrumentation.

Alternatively, the system can be installed as an addition to an existing stand-alone tank gauging system to provide the user with data from their existing tank level equipment via a web platform.

Where the system is installed on multiple sites the iMonitor system provides access to multi-tiered information from all sites through a single web page.

Multi-tiered Web Interface

The web interface provides the user with multi-tiered graphical representations of tank farm information, from the complete national network of tank farms down to a specific single tank at a chosen site. Through the iMonitor system the user can manage the entire tank farm network from any remote location where internet access is available.

The system also provides historical trending information of all tank activity, with recording of events and alarms in an extensive events logging system.



System options

- ▶ High level shut off
- ▶ Bund alarm systems
- ▶ Tank to tank blending
- ▶ Stock reconciliation



Remote tank farm access



Complete Tank Gauging System

iMonitor includes options for local displays at the tank inlet for driver controlled deliveries as well as SMS messaging for high level, low level leak and theft detection alarms. EA Projects can also offer solutions for independent high level shut off and bund alarm systems.

Where the system is integrated into an EAP Soft loading system further options are available for book stock management, tank to tank blending and stock reconciliation reporting. The system can also produce reports for customs and excise authorities.

EA Projects can offer a complete tank gauging service from initial specification through to installation, calibration and after sales support and maintenance.

The system can be tailored in a number of different ways depending on the customer's exact requirements regarding instrumentation and integration.



Our core software products consist of the following web solutions:

▶ **iSupervisor**

A web based terminal automation package designed specifically for the requirements of petrochemical main terminals and bulk storage depots. The system offers ultimate flexibility as it can be used with virtually any hardware and can control loading of any type. Integrated modules for additive injection, blending applications and full stock reconciliation are available. Product specific versions of this system are available for chemicals, liquid gases, bio-fuels and fuel oils distribution.

▶ **iMonitor**

A web based bulk tank gauging system that is totally configurable to your business requirements. This solution provides you with real time feedback on the status of your product storage tanks and also provides you with historical activity reporting. It is available as a stand-alone product or as an integrated module within the iSupervisor system.

▶ **iSentinel**

An access control module for use with our tanker loading applications which allows the user to manage all site gate access and egress both locally and via a web interface.

▶ www.ea-projects.com



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European Automation Projects Ltd
Units 3/6 Warren House
Deepdale Business Park
Bakewell, Derbyshire
DE45 1GT, United Kingdom
T: +44 (0)1629 815 674
F: +44 (0)1629 813 426
E: info@ea-projects.com
www.ea-projects.com