

Tank Gauging Interfaces

Omega has a number of standard interfaces to tank gauging systems. These communications interfaces enable Omega to gather up-to-date information relating to each tank in the system. This data includes level, observed and standard quantities, temperature, reference density, alarms, etc. for each tank.

When Omega 3000 is interfaced to a tank gauging system it is able to provide full stock management capabilities including regular tank site balance, base product summary, loss/gain reports etc.

Interfaces

Omega has interfaces to the following external tank gauging systems:

- Entis Enraf
- Whessoe Varec
- Saab Radar
- Microlec
- Foxboro IA System

Data between Omega and a tank gauging system is typically updated every two minutes.

Product Management

The external tank gauging computer manages all aspects of the measurement of product related raw conditions in the storage tanks. It uses these measurements to derive important information relating to the storage quantities.

The following values are requested by Omega from the tank-gauging computer for each tank:

- tank number
- tank level
- tank temperature
- gross volume
- net volume
- remaining volume
- density
- water level
- water volume
- critical level set point
- advisory level set point

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