

The ORB™ Remote Inventory System transforms inventory and process data into management information that can increase productivity and reduce supply chain costs. By providing a reliable means of gathering and transmitting real-time inventory and process information via your LAN or the Internet, high volumes of data can be securely monitored, retrieved and organized by various users within the plant or remotely.

FEATURES AND BENEFITS

Remote Inventory Management

- Access inventory information and stored data from a remote location
- Manage multiple sites with multiple vessels
- Manage inventory via the internet
- Set notifications/alarms to automatically send alerts via email

Increase Supply Chain Visibility

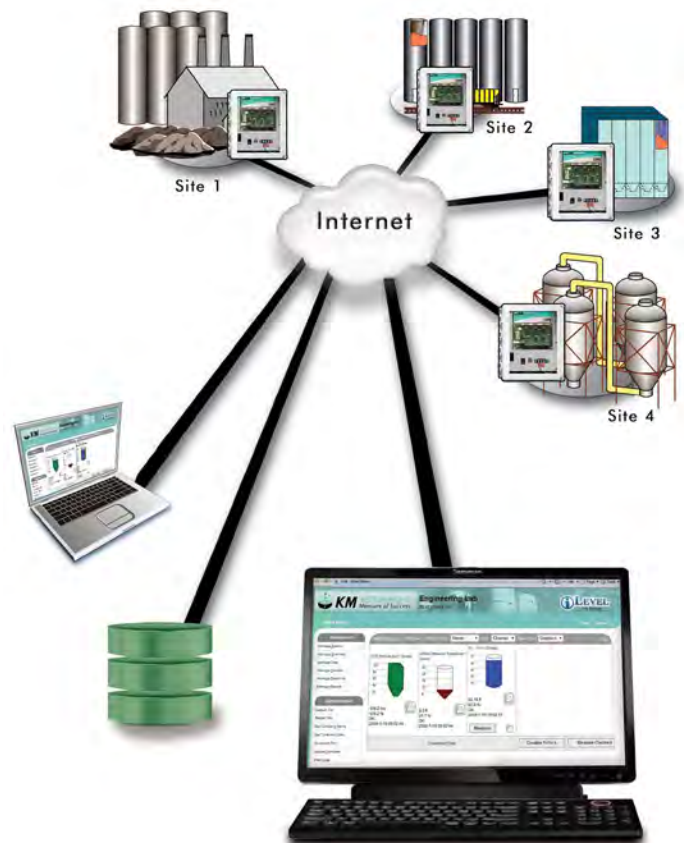
- Automate re-order process with suppliers
- Grant permissions for remote supplier communication
- Improve efficiencies with real-time accessibility to inventory levels

Improve Data Management

- Integrate or import to the ERP system
- Store historical data
- Run reports for tracking trends or other statistical measures

Reduce Local Site Maintenance

- Store and replicate calibration settings for all vessels remotely
- Remote instrument maintenance
- Eliminate routine and manual inventory reporting



HOW TO ORDER

ORB™ Inventory Management System

ORB-KM

SPECIFICATIONS

TYPES OF DATA AVAILABLE

- Material level & weight; any 4-20mA process variable signal
- Historical data
- Alarm conditions
- Logs of user access and configuration changes

DATA ACCESS METHODS

- Over intranet or Internet via web browser
- Data download to spreadsheet or delimited file
- Automatic transmission to client database in XML format

ALARM ALERTS

- Any user-specified condition for level, weight, or other process variables
- Malfunction status of connected devices
- Alarm conditions viewable via web
- Alerts transmitted electronically to e-mail, handheld devices, or fax systems

SYSTEM SETUP

- Plug-and-play configuration with Bindicator® and Kistler-Morse® systems
- Customized units of measure
- Frequency of data collection
- User configuration and access permissions

DEVICE COMPATIBILITY

Bindicator® Level Devices: GP-4™ and Mark-4™ Yo-Yo™ (Version 1.05 or higher), Sonotracker™ ultrasonics, TDR-2000 Guided Wave Radar (Via 4-20 mA input)

Kistler-Morse® Weighing Systems: SVS2000™, Weigh II™ (Rev B firmware or higher), STX+™, MVS™ (rev G firmware or higher), Sono II (Rev L firmware or higher), Ultra-wave™ (Rev L firmware or higher)

COMMUNICATION PORTS

- 1 Ethernet TCP/IP (RJ45)
- 3 RS-422/485/232C
- Power Supply Requirements:
90 VAC - 254 VAC; 40 watts

OPERATING TEMPERATURE

- 22° to 125° F (-30° to 52° C)
- Humidity: 0-100% non-condensing

ENCLOSURE

NEMA-4X, Fiberglass Reinforced Plastic

PHYSICAL DIMENSIONS

- 10.5 in. H x 8.5 in. W x 6.5 in. D (130.2 mm x 215.9 mm x 165.1 mm)
- 6.5 lbs (2.95 kg)

MOUNTING HOLE PATTERN

10.94 in. x 6 in. (278.87 mm x 152.40 mm)

APPROVALS

CE



System Description

The ORB™ is a controller that connects to process instrumentation via serial and 4-20 dedicated interfaces. The ORB™ contains a database and integrated web server. It becomes a gateway between process instruments and the Internet. The ORB™ web pages can be accessed using any browser from any device that has Internet connectivity.



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MEASUREMENT

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