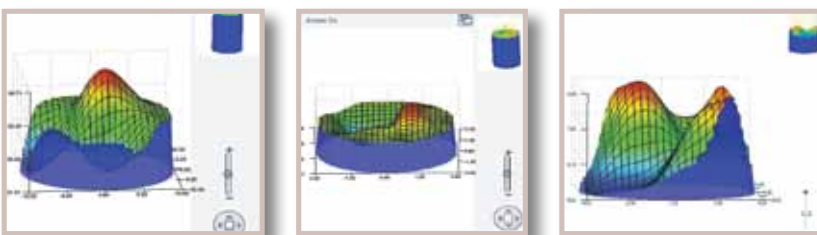# One-Click

visualizations for easy monitoring

Multiple Vessels

Total inventory management and control software

APM

*Changing the market
from level to volume*

APM 3DMultiVision™ software for Windows-based computers processes measurement data recorded by APM's 3DLevelScanner™ and MultiScanner System sensors installed on silos, open bins and warehouses. The program collects and integrates data from all vessels monitored, across multiple sites, even those distributed over remote geographic regions. 3DMultiVision provides sophisticated analyses based on real-time conditions as well as historical data that allow managers to improve workflows while reducing operating costs. Managers and staff with appropriate authorization may view this information from any place in the world over common LAN as well as wireless connections.

The software presents vessel general information as well as measurement data such as:

• volume
• min/max level/distance
• mass (with a given density)

By clicking on one or more of the chosen vessels' icons, customer can retrieve the 3D visualization of the vessel content to view real-time allocation of the material (in MV/MVL version only).

All APM 3DLevelScanners types (S/M/MV/MVL) are linked to a dedicated PC that acts as the server using standard RS-485 communications or wireless modems. A local area network (LAN), wide area network (WAN) or virtual private network (VPN) via the Internet (Ethernet TCP / IP) may be used to link to the server. Authorized clients have controlled access from local computers to both real-time and historical data stored on the server.

3D MultiVision™

APM 3D MultiVision S/W is designed to help users gather real-time inventory data from all sized storage vessels, group of vessels in different sites.

Mobile Solutions
Provide real-time information on inventory levels and reports to plant managers through their mobile of choice

- Integrate silo inventory reads and assessment with any mobile platform
- Securely push silo information and inventory reports
- Enable plant manager to monitor his inventory levels from any place

Real Inventory and Supply Chain Management for the COO

- Integrate real-time, accurate reads of silo content and inventory levels
- Automatically feed into Inventory and SC management applications
- Receive timely Operations efficiency reports across company storage and production sites
- Consolidate inventory tracking techniques and processes across the organization

Real and accurate inventory valuation in Finance applications for the CFO

- Receive true measurements of inventory levels
- Automatically feed accurate recordings into Finance applications
- Measure efficiency and inventory buffers across the organization for improved financial and capital utilization
- Consolidate inventory tracking and valuation techniques across the organization for a unified, standard compliant recording

Effective inventory control must be based on accurate real-time information.

Accurate volume measurements enable operational decisions related to minimum quantity, maximum quantity, ordering point, order size and consumption information.

Inventory data is used for accounting, tax purposes, and as input for loss-control calculations. The trend is toward more accurate inventory checks as a means of both better utilizing corporate assets and consequence of more stringent requirements from fiscal authorities.

Key Features:
- Compatible with all APM 3DLevelScanner types (S/M/MV/MVL)
- Real-time data of the stored content
- Graphic visualization of data for an individual vessel, a select group of vessels, or all vessels, for an individual site, a selected group of sites or all sites
- Customized alarm settings for high / low levels
- Information sharing with authorized managers or vendors at multiple locations simultaneously
- No manpower, third-party applications or monthly access fees required
- Simple setup and operation (Windows XP / 7)

APM 3DMultiVision™ increases efficiency, enhances safety

APM 3DMultiVision™ allows managers to remotely monitor the volume of stored materials, avoiding the necessity of assigning maintenance or other personnel to this task. This lowers costs as well as the risk of exposing staff to harsh conditions associated with certain storage environments.

The combination of real-time 3D visualization, reports, shared information reflecting actual "up-to-the minute" level and volume data of stored materials, and access to historical data logs improve decision-making for all departments concerned with controlling costs and improving overall efficiency.

3D MultiVision™

Real-time monitoring of volume and allocation of the material (with the 3D visualization) also greatly reduces maintenance costs, machine breakdown and material loss.

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