



Vendor Managed Inventory or Remote Tank Monitoring

From now on you are able to know your operation's level of raw bulk materials at anytime, from anywhere as long as you have a computer with an internet connection. LevelMonitor offers you easy access to a secured and user-friendly web page, to view remote inventory levels and their historical charts and trends.

With this information available, you can easily ensure supply, forecast replenishment, optimise your logistics, reduce operating costs and additionally improve customer satisfaction.

At remote site reliable field instrumentation should be installed to take the level readings. If there is no convenient instrument available, LevelMonitor also can supply them. Depending the application multiple measuring technologies are available: (hydrostatic)pressure, ultrasonic, radar, capacitance or weighing and combinations on one location are possible. The measuring signals are being connected with the "plug & play" DAC-module, the Data Acquisition and Communication Module.

The system collects measurement values up to 24 times a day from remote sites. Usually there is locally no landline (PSTN) connection available and because installing one can be costly, wireless communication is preferred. This is done through the GSM/GPRS network or a satellite terminal.

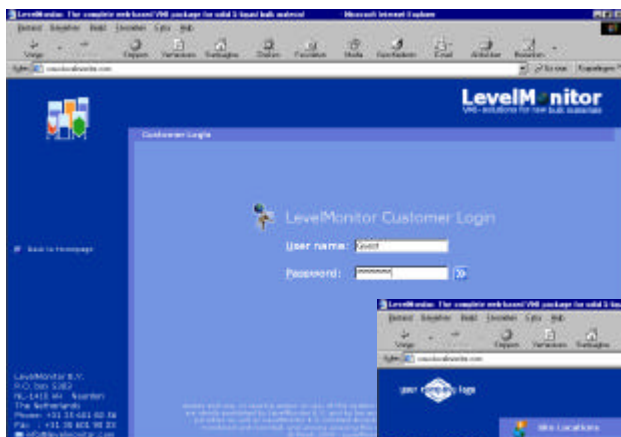
The complete software application is being monitored and guarded 24 hours a day, 7 days a week, by a specialized third party. They provide all necessarily hardware and infrastructure, like a redundant internet connection via the fibreglass cable of MCI in the centre of The Netherlands, in order to guarantee maximum availability of the LevelMonitor software application.

Based on the collected measurement data, the LevelMonitor system also automatically generates alarms, sent to your designated personnel by e-mail, SMS and/or pager.

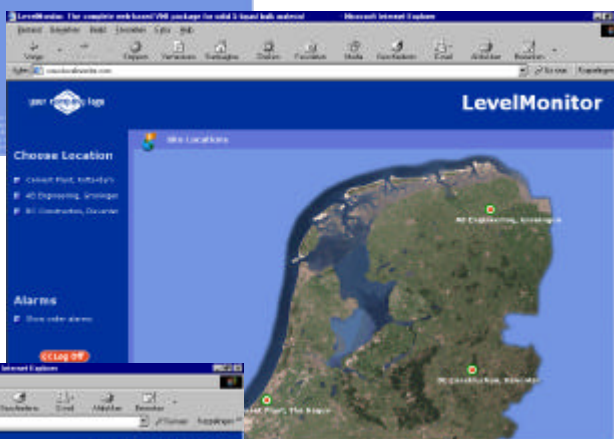
Through the LevelMonitor internet website you can access all available data regarding the remote locations. Because users of the LevelMonitor system only need a standard web-browser on their computer, there is no network or software to set up or configure.



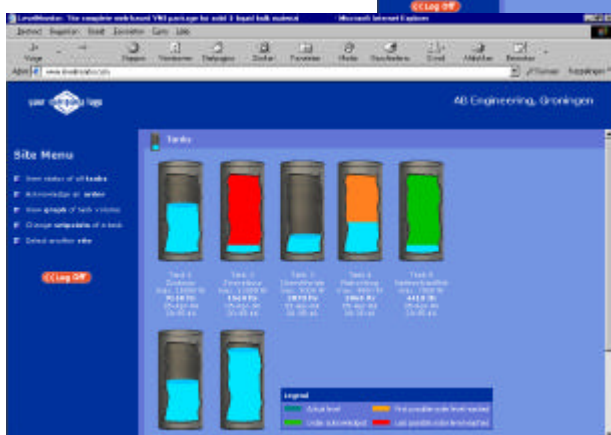
The LevelMonitor website lets you view inventory data, level status, chart trends and alarms regarding the levels in storage tanks, vessels or silos together with date and time of the last data update. Standard trending graphs with 3 months history provides the information for the people who can use it for business decisions. All data and graphs can be downloaded in several formats for analysis and reporting.



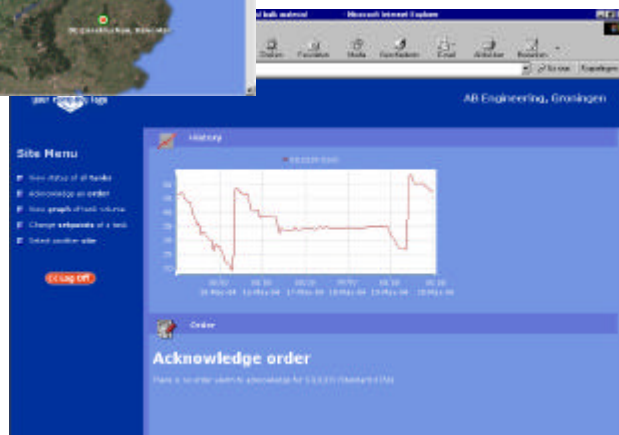
Log on to the web site to see your data can only be achieved by an User name and Password for those individuals who you have given access. This User name and Password also determines the access-rights i.e. to view single or several locations and/or the capability to change (alarm)set points.



All remote sites are presented to you geographically. You will have an overview of the condition of all remote locations at a glance.



Graphical representation of the tank volume, tank- and product name, content in volume units, site location and date and time.



The screens give you concise displays of level, status and inventory trends in multiple storage tanks. LevelMonitor provides the tools to predict when refilling will be needed.

Features:

- Subscription, no investment in hardware or software;
- Subscription including communication costs, so no surprises afterwards;
- Multiple storage tanks, vessels or silos per remote site/location;
- Monitor and manage inventory levels using the internet;
- Automatic data retrievals from remote site;
- User dependent access-rights;
- Overview page with recent alarms and events;
- Alarm acknowledgement on the website or with a SMS-message;
- Historical overview in trend graphs and table charts;
- Historical overview, free to choose periods;
- Export data to spreadsheet, i.e. MS-Excel;
- Export data in CSV- or XML-format to integrate into your ERP;
- Export trend graphs to BMP, JPG, GIF, HTML and XML (only MS-Windows browsers);
- The complete web-based VMI package for solid and liquid bulk inventory management.

