

Case study

Remote monitoring



Tank monitoring

Customer:



FMC Foret
Chemical producer
www.fmcforet.com

Objective: Tank monitoring

FMC Foret is Europe's largest manufacturer of hydrogen peroxide. From the company's head office in Barcelona, logistics and delivery planning is managed using Mitec's measuring service it-sensors.com. Mitec's GSM-measuring stations are installed at customer sites in a number of European countries and report tank levels to Mitec's measuring server.

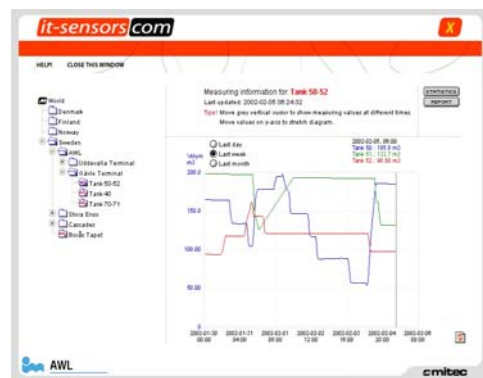


Solution:

- Mitec battery powered GSM measuring stations connected to level sensors on site at customer mills
- Mitec servers collect data for presentation on www.it-sensors.com
- Level alarms by e-mail to customer logistics centre in Barcelona

Advantages:

- Optimised logistics
- Fewer emergency deliveries
- Improved service to customers
- Documentation for quality system.
- Cost and environmental savings due to reduced transportation.



Products

Measuring station:	Battery powered Mitec Satelite60-P2 GSM stations.
Communication:	GSM dual band 900/1800.
Power supply:	12V alkaline battery pack with 6-month durability. ISO14025 environmental declaration
Sensors:	Level sensors from Druck and Keller. Ph sensors from Sensorex.
Data acquisition:	Customer managed servers.
Information distribution:	Automatic export to customers own data base and to public using Mitec Internet service www.it-sensors.com



Sat60-S GSM measuring station



Customers sensors are used

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