

Case study

Remote monitoring



Building structure environment

Customer:



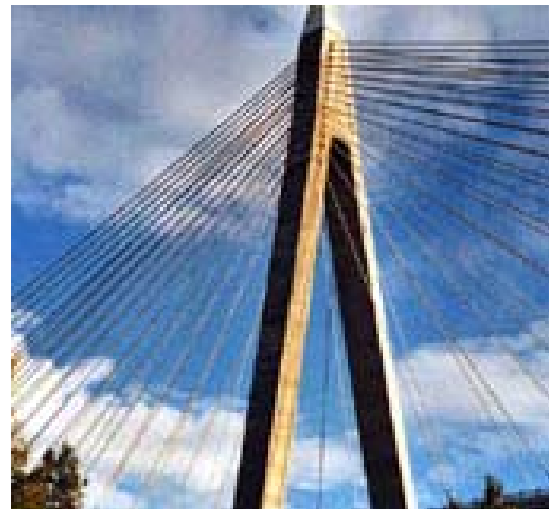
Munters

World leader in humidity control and dehumidification. www.munters.com

Objective:

Monitoring of drying processes

Munters uses Mitec's GSM-monitoring system to monitor drying processes in many types of buildings. The portable measuring systems used by service personnel are simple to install and to move from project to project. On the 160 m high Sunningebro over a fjord on Swedish west coast battery powered Mitec systems are installed on cables to monitor de-icing systems.



Solution:

- Mitec battery powered GSM measuring stations log humidity and temperature.
- Munters own servers collect data for distribution on LAN and the Mitec Internet system is used for public/customer presentation.

Advantages:

- Save money as remote tracking of process reduces travelling.
- Documentation for quality system.
- Better service to customers
- Competitive advantage

Manual data collection and car transport is no longer needed when humidity and temperature trends can be monitored via Internet using Mitec's measuring service it-sensors.com. As a bonus, documentation is automatically produced to meet the needs of insurance companies.



Mitec RMS40 mobile field measuring station

Products

Measuring station:	Battery powered Mitec AT40 and SatelLite60 stations.
Communication:	GSM dual band 900/1800.
Power supply:	12V alkaline battery pack with 6-month durability. ISO14025 environmental decelerated.
Sensors:	Humidity and temperature sensors from Vaisala and others.
Data acquisition:	Customer managed server in combination with Mitec Internet service on www.it-sensors.com .
Information distribution:	Internally on LAN and intranet and by www.it-sensors.com .



SatelLite60-K



Humidity / temperature sensor



Battery pack

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