VAN GOGH MUSEUM

ARLES 1888

CASE STUDY: Fortecho Solutions uses Wavetrend Technology to protect Van Gogh's Masterpieces

The Museum

The Van Gogh Museum is an art museum in Amsterdam in the Netherlands dedicated to the work of Vincent Van Gogh and his contemporaries, such as Toulouse Lautrec and Paul Gauguin. It houses the world's largest collection of paintings by Vincent Van Gogh.

Business Challenge

- Wirelessly protect paintings & show cases.
- Must integrate with the Building Management System (BMS).
- Must integrate with TETRA radio system.
- Must integrate with internal CCTV system.
- Curators and security staff to have access to the system simultaneously, but from different locations.
- Fortecho™ software monitored off-site in Security Control room shared with The Rijksmuseum.
- Must monitor temperature and relative humidity in the immediate vicinity of certain artworks for preventative conservation, and IT servers for better operating efficiency.

Solution

We worked closely with the client to create their ideal system, ensuring effective integration and perfect coverage while eliminating false alarms.

- All paintings and display cases fitted with Wavetrend sensitive long life vibration-sensing tags.
- Artworks and IT server equipment fitted with Wavetrend miniature wireless climate-monitoring tags, linked back to the central BMS via Fortecho™.
- Wavetrend RFID Readers installed covertly in ceilings and risers.
- Fortecho™ integrated with newly installed CCTV system. Cameras automatically pan and zoom to monitor artworks in alarm.
- New Building Management System integrated - fire, intruder and art alarms all shown and managed on a single system monitor.
- System sends alerts to gallery wardens and security via their TETRA radios.
- Radios show detailed alarm information and allow wardens to acknowledge the alarm via a button - which logs the event in the software.

Results

- Enhanced security of paintings, display cases and sculptures.
- Total integration of existing security systems.
- Real-time audit of the collection, accessible from anywhere.
- Instant, precise location and artwork information.
- Electronic historical log of all alarms.
- Staff count and costs reduced, with a dramatic increase in efficiency.

Customer Comments

"For over a decade, Fortecho Solutions has met and exceeded our expectations, providing a world-class service and a product that truly delivers."

Adrie Kok, Security Director
Van Gogh Museum, Amsterdam

WAVETREND

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STATE OF THE ART PROTECTION