

## Dallmeier Press Release

Verify alarms with just 3 clicks

### Art Protection: Fortecho Solutions RFID Asset Monitoring software integrates with Dallmeier HEMISPHERE® software platform

Regensburg (Germany), 14 July 2022 – Dallmeier, a leading manufacturer of video security technology, announces that its open software platform HEMISPHERE® will support the RFID-based “Art Protection” system from Fortecho Solutions, the preeminent provider of secure conservation technology. Museums, galleries, and private clients can thus manage their alarms conveniently via a 3D map and check on incidents in a matter of seconds with the aid of video cameras. The many other advantages also include convenient “3-click search” and a comprehensive understanding of the security situation.

Nowadays, many gallery and museum operators use RFID-based tracking solutions to protect their works of art from being touched, stolen, or otherwise exposed to unwanted environmental influences. Autonomous systems lack the oversight made possible by intelligent VMS integrations. This is exactly where the [joint solution](#) from [Dallmeier](#) and the British IoT security provider [Fortecho](#) comes into its own.

#### The right camera image for every work of art

Fortecho’s own suite of powerful active RFID tags gather data at object level and transmit this via encrypted RFID signal to Fortecho’s bespoke enterprise software Aspect Arts®. Based on predefined rules and custom set parameters, the software evaluates the information and, if appropriate, triggers alarms. Movement, tamper, proximity, attack, temperature, relative humidity, and lux all present as unique customisable alerts in Fortecho’s enterprise software.

The smart integration with the Dallmeier [HEMISPHERE® software](#) links the RFID tag alarm messages to the relevant viewing angles of the cameras. If a RFID tag registers an incident the Dallmeier HEMISPHERE® software processes the alarm with the aid of the open message broker “Apache ActiveMQ”, and the user sees the camera location in question light up on a 2D or 3D map of his environment – in a colour defined according to the priority of the alarm. At the same time, all events are listed in the “Alarm Inbox” together with all associated information, such as the name and image of the work of art in question, to enable them to be assigned unmistakably. Users can verify the alarm with just one mouse click – for example by switching to the live feed or viewing a playback loop which begins five seconds before the alarm is triggered and ends five seconds thereafter. The alarm can also be forwarded to other users or comments can be added to it.

#### Interactive dashboards: on the scene with 3 clicks or less

“By integrating the [Fortecho RFID tracking solution](#) in the Dallmeier software completely, we can offer our customers the perfect user experience. With the intuitive HEMISPHERE® user interface, security personnel at museums and other facilities can verify alarms from RFID tags on artworks visually in just a few moments”, explains Celso Prieto, Head Engineer, Fortecho



See more.

## Dallmeier Press Release

Solutions. “We were particularly astonished at how easy it was to integrate our solution in the Dallmeier software with just a few lines of code. The systems work together flawlessly.”

“The integration of Fortecho is a textbook example of how easily alarm messages from third-party applications can be integrated in the Dallmeier HEMISPHERE® software platform with the aid of Apache ActiveMQ”, said Ep Smit, Senior Enterprise Solutions Manager, Dallmeier. “Through the interactive dashboard of the HEMISPHERE® software, users in the museum or art sectors can access all information relating to all incidents within a given timeframe in seconds with three clicks of the mouse or less.”

### Contact Fortecho

#### Bart Miller

Head of Commercial

Fortecho Solutions

+44 (0) 20 7736 3330

+44 (0) 7590 187 273

[bart@fortecho.com](mailto:bart@fortecho.com)

[www.Fortecho.com](http://www.Fortecho.com)

Solon House, 40A Peterborough Road, London SW6 3BN

#### Wes Perry

Image Bi

+1 (833) 271-8752

[wes@imagebi.com](mailto:wes@imagebi.com)

[www.imagebi.com](http://www.imagebi.com)

284 Painted Hills Dr, St. George UT 84738

### Contact Dallmeier

#### Ep Smit

Senior Enterprise Solutions Manager

Dallmeier electronic

+49 941 8700 209

[ep.smit@dallmeier.com](mailto:ep.smit@dallmeier.com)

[www.dallmeier.com](http://www.dallmeier.com)

Bahnhofstr. 16, 93051 Regensburg, Germany

### CAPTIONS

#### Dallmeier Fortecho Alarm Triggered

Enabling trouble-free incident management for museums and galleries: Integration of the Fortecho RFID tracking solution in the Dallmeier HEMISPHERE® software platform.



See more.

## Dallmeier Press Release

### **Dallmeier Fortecho Alarm Verify**

Users can verify the alarm with just one mouse click – for example by switching to the live feed or viewing a playback loop which begins five seconds before the alarm is triggered and ends five seconds thereafter

### **Dallmeier Fortecho Dashboard**

Interactive diagrams deliver an overview of alarms at specified time intervals. No more than three mouse clicks are needed to view the associated video sequences.

### **Ep Smit**

Ep Smit, Senior Enterprise Solutions Manager, Dallmeier

### **Celso Prieto**

Celso Prieto, Head Engineer, Fortecho Solutions

### **About Fortecho**

With 25 years of experience, Fortecho Solutions is the world's leading provider of intelligent wireless asset monitoring systems for museums, private collections, super yachts, and industrial settings. Fortecho enables artworks and their locations to be monitored discretely 24/7 in real-time for damage and theft, as well as dangerous environmental change. Working from day one with the world's leading cultural institutions, such as The National Gallery, London, Getty, Los Angeles, and Louvre Abu Dhabi Fortecho has and is continuing to develop every aspect of the solution in collaboration with the most significant collections in the world.

Fortecho Solutions combines Active RFID Technology with a sophisticated bespoke enterprise software enabling complete management of all tagged assets and the automation of business decisions about them based on accurate and near real-time knowledge of their location and condition. Fortecho's range of very powerful active RFID tags alert to movement, shock, tamper as well as adverse changes in environmental conditions such as temperature, relative humidity, and light intensity.

Fortecho enterprise software is highly sophisticated and simple to use. Controlling and monitoring sensors and readers at gallery level, it is hosted on a server in a control room or behind the scenes. It can run autonomously or be integrated through the relay and/or TCP IP XML into any existing security infrastructure used on site.

This software platform is ideally suited for use in systems that track and secure tagged assets such as artwork, containers, plant, and machinery or high-value assets, or for monitoring personnel in health and safety or security applications.

Fortecho's hardware and enterprise software are designed to integrate fully with existing security infrastructure creating comprehensive security systems tailored to customer needs.



See more.

## Dallmeier Press Release

Fortecho is used by hundreds of prestigious public and private collections that require ultimate security without sacrificing aesthetics and flexibility.

\*\*\*\*\*

### **About Dallmeier**

Dallmeier is the only manufacturer of video security technology that develops and manufactures all components in Germany. This includes the entire product range, from cameras to picture storage and transmission to intelligent video analysis and even individually adjusted management software. Quality made by Dallmeier, made in Germany!

Dallmeier has at its disposal more than 35 years of experience in transmission, recording as well as picture processing technology and is a leading pioneer of CCTV/IP solutions worldwide. This profound knowledge is used in the development of intelligent software and high-quality recorder and camera technologies enabling Dallmeier to not only offer stand-alone systems, but complete network solutions up to large-scale projects with perfectly integrated component. Right from the beginning the company always focused on own innovative developments and highest quality and reliability.

Over the years, Dallmeier has repeatedly given fresh impetus to the market with new developments and extraordinary innovations. The world's first DVR for example, which introduced digital recording to the entire CCTV industry more than 30 years ago, came from Dallmeier. The introduction of the patented multifocal sensor system Panomera® has had a similarly ground-breaking effect, ushering in a new era for the industry. This unique camera technology is revolutionising the market and opening up completely new possibilities for securing assets, optimising business operations and ensuring public safety. This and the extensive experience in the CCTV and IP field have led to a top position in the international market for digital video surveillance systems.

[www.dallmeier.com](http://www.dallmeier.com)

[www.panomera.com](http://www.panomera.com)



See more.