

CASE STUDY

RFID-ENABLED CONFERENCE ROOM DISPLAY INTEGRATES STYLE AND FUNCTION



Meeting Machines integrates ELATEC's RFID TWN4 MultiTech Nano module to enable contactless meeting room check-in and control in a stylish all-in-one display.



REQUIREMENTS

Meeting Machines wanted to create a stylish, Windows-based, meeting room door display that would combine LED lights, Power Over Ethernet (POE), touch-screen scheduling, and contactless RFID-based meeting check-in. "We saw an opportunity to build a very high-quality, industrial-grade solution. We chose ELATEC to be the RFID provider not only because of the quality and the high service level but also because of the programmability and the multi-function capability of the TWN4 MultiTech Nano module. The very small size of the module enabled us to have a flush-mounted, attractive solution," explained Sheldon Downey, President, Meeting Machines.

BENEFITS

- + Enables user-authentication from multiple employee RFID badge technologies
- + Slim product design with very low size, weight and power
- + Remote programmability

PRODUCT:

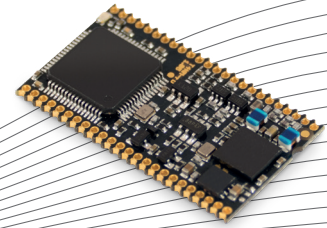
TWN4 MULTITECH NANO

- + High quality and durability
- + Reads 60+ transponder technologies
- + Suitable for OEM integration in devices and systems
- + Very compact size, customer's target price

TWN4 MULTITECH NANO

ELATEC recommends the TWN4 MultiTech Nano, a streamlined, low-energy RFID reader that accommodates both high- and low-frequency RFID technologies.

For more information see:
elatec.com/nano-modules



CHALLENGE

To integrate an RFID reader into a slim, lightweight display unit that can be mounted to a wall or window without taking up too much space. The reader had to work with a Windows-based operating system, accommodate a variety of RFID card technologies, and meet all physical design specs.

SOLUTION

The Meeting Machines meeting room display met a market demand for a streamlined, integrated device that eliminated the need to mount and connect separate touch screen displays, RFID readers and LED occupancy indicator lights. The slim device is a stylish improvement to corporate conference rooms that supports fast and easy check-in using employee issued ID badges. Meeting Machines selected the TWN4 MultiTech Nano over competing technologies because it allows them to accommodate the many different card technologies their Fortune 1000 customers use, including those of multi-national clients. They also cited ELATEC's outstanding service and technical support, which enabled them to customize their firmware and get to market quickly.

"The superb ELATEC support people were able to turn our firmware around in hours. I've told the guys at my factory that I won't even entertain other options anymore, because ELATEC does such a great job."

Sheldon Downey, President at Meeting Machines

With the TWN4 MultiTech Nano remote programmability, as Meeting Machines' business expands, they will be able to push new features and capabilities out to their client base remotely, avoiding costly touch labor. The new system is already taking off, and Downey is excited by the possibilities he sees in the continued partnership with ELATEC. "Fortune 1000 companies want quality, style and customer service. That meets perfectly with ELATEC's capabilities."



ELATEC is a world leader in the design and manufacture of highly configurable RFID readers for user authentication in access control and authorization applications. Their multifunctional readers can be programmed to support a broad range of RFID technologies and applications.

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