

## SP Industrial to Showcase Remote Monitoring Software and Comprehensive Data Security at Embedded World 2026

Taipei, Taiwan – March 4<sup>th</sup>, 2026 – SP Industrial will showcase its latest industrial-grade storage solutions and intelligent management technologies at Embedded World 2026 (Booth 1-223, Hall 1) from March 10-12.

This year's showcase highlights two core pillars: **Remote Monitoring Software** and **Comprehensive Data Security**. By synergizing software and hardware capabilities, SP Industrial demonstrates its strategic commitment to smart manufacturing, edge computing, and automation, empowering global partners to build more resilient industrial ecosystems.

### Intelligent Remote Monitoring Software

Dedicated to enhancing system maintenance efficiency, SP Industrial utilizes intelligent management tools to implement predictive maintenance, ensuring uninterrupted equipment operation:

- **SMART IoT**  
Enables real-time monitoring of SSD and memory health, providing visibility into device status to support remote management and predictive maintenance.
- **SP Toolbox**  
A graphical management tool supporting health monitoring, SMART data reading, temperature tracking, and firmware updates for full lifecycle management.
- **FWxpress**  
An SSD firmware update utility for mass production and field maintenance, increasing update efficiency while minimizing manual risks.

### Comprehensive Data Security & Protection

Engineered for extreme environments and high-security requirements, providing physical-layer data safety and robust environmental endurance:

- **DataGuard SSD**  
A hardware-based data protection solution integrating Write Protect and Quick Erase functions. Users can switch modes via a physical interface to prevent unauthorized writes and accidental modification—ideal for industrial control, edge devices, and smart city infrastructure.
- **SSD with Heatsink Design**  
Features integrated heatsinks to enhance thermal management under heavy workloads, ensuring stable long-term performance.
- **DRAM with Conformal Coating Protection**  
Includes protective PCB coating to resist moisture, dust, and corrosion, making it suitable for harsh and high-humidity environments.
- **FrameSolid**  
Improves long-term operational stability through optimized firmware architecture and data structures, reducing data corruption risks and enhancing reliability.

### Combo SSD: 2-in-1 Innovation

In addition to hardware and software capabilities, SP Industrial will also present advanced solutions such as the Combo SSD. Breaking traditional form factor constraints, this innovative storage device integrates a microSD expansion slot within a standard 2.5-inch SSD. This architecture delivers both high-speed storage and flexible expansion, providing an optimized data backup solution for space-constrained industrial systems.

### Embedded World 2026 – Exhibition Information

Date: March 10-12, 2026

Location: Nuremburg, Germany

Booth Number: 1-223, Hall 1

**About SP Industrial**

SP Industrial is a trusted provider of industrial-grade NAND flash storage and DRAM solutions, serving industrial and enterprise applications worldwide since 2003, including transportation, healthcare, cloud computing and networking, automation, casino gaming, aerospace, and smart manufacturing. The company combines in-house design, firmware customization, advanced validation tools, and dedicated manufacturing to deliver high-reliability memory solutions tailored to complex system requirements. With strict quality control, comprehensive traceability, and a high level of manufacturing automation, SP Industrial ensures consistent product quality, long-term supply continuity, and dependable technical support for connected and data-driven platforms.

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