



FOR IMMEDIATE RELEASE

Systems With Intelligence Unveils the IM500 Mobile Substation Monitoring System (MSMS): The First-Ever Thermal and Visual Monitoring System for Mobile Substations

Mississauga, ON – March 26, 2025 – Systems With Intelligence (SWI), a global leader in intelligent monitoring solutions for electric utilities, is proud to announce the launch of the IM500 Mobile Substation Monitoring System (MSMS)—the first-ever dedicated thermal and visual monitoring system for mobile substations mounted on flatbeds.

Until now, utilities have had to rely on the hope that their mobile substations were operating reliably and safely during temporary operations. The IM500 MSMS changes the game by providing real-time thermal and visual monitoring, delivering visibility and risk mitigation where there was previously none.

“Unmonitored mobile substations create blind spots in grid reliability and safety,” said Angelo Rizzo, CEO of Systems With Intelligence. “The IM500 Mobile Substation Monitoring System (MSMS) changes that by giving utilities real-time visibility into critical assets during temporary deployments. With instant access to thermal and visual data, operators can track, monitor, and protect mobile substations—reducing risk and enhancing safety without adding operational complexity.”

Utilities rely on mobile substations—often mounted on flatbeds—to maintain power flow during scheduled maintenance or emergency repairs. However, these critical assets were historically unmonitored, leaving operators unaware of potential faults, overheating, or security risks. The IM500 MSMS eliminates this blind spot by delivering continuous, remote monitoring, giving operators instant visibility into mobile substations and reducing the risk of equipment failure, unplanned outages, and safety hazards.

Key Features of the IM500 MSMS:

- Comprehensive Thermal and Visual Monitoring – Detects overheating, equipment malfunctions, and anomalies before they cause failures.
- Automated Alarm Notifications – Alerts operators to potential risks, allowing for proactive intervention.
- GPS Location Tracking – Provides real-time asset location to optimize deployment and ensure security.
- Seamless Connectivity – Supports multiple communication methods, including cellular, WiFi, and Power-over-Ethernet (PoE), ensuring data is always transmitted.
- Rugged, Utility-Grade Design – Built to withstand harsh weather and remote environments.
- Quick and Easy Installation – Deploys in minutes, minimizing setup time for field teams.

The IM500 MSMS seamlessly integrates with SWI's IoT Cloud platform, enabling utilities to access real-time and historical data from multiple mobile substations through a centralized dashboard. By detecting and diagnosing issues remotely, utilities can reduce truck rolls, lower operational costs, and improve worker safety.

With the rising demand for grid modernization and resilience, the IM500 MSMS provides utilities with a simple yet powerful tool to safeguard mobile substations and ensure uninterrupted power delivery.

For more information on the IM500 Mobile Substation Monitoring System (MSMS), visit www.systemswithintelligence.com or contact sales@systemswithintelligence.com.

Quick Facts

- Systems With Intelligence was founded in 2009
- Systems With Intelligence Touchless™ monitoring systems are installed in over 130 utilities worldwide
- The senior management team at Systems With Intelligence has over 100 years of collective experience in utility asset monitoring and communications technologies

About Systems With Intelligence Inc.

Systems With Intelligence Inc. (SWI) is a global provider of Touchless™ Monitoring Solutions for electric utility and renewables applications with 130+ clients worldwide. SWI systems collect and analyze the data that allows utilities to increase safety and reliability while reducing operating costs. Coupling thermal monitoring and visual imaging technology with advanced analytic algorithms, SWI solutions automate remote site monitoring.

Systems With Intelligence products are engineered to operate in the harshest environments, and withstand high levels of electromagnetic interference, static discharge and voltage surges found in industrial applications, to ensure uninterrupted operation. Providing a monitoring system that operates reliably and connects seamlessly allows customers to remain focused on their operations.

Further reading:

- [Register for white papers](#), case studies, application notes and the latest information from Systems With Intelligence.
- [Read the most recent](#) company news.
- [SWI product listings](#) and explanations.
- [SWI solutions](#) and explanations.

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