

# PERIMETER SECURITY MANAGER II

## SECURITY MONITORING AND CONTROL SYSTEM



## ADVANCED, INTEGRATED PERIMETER SECURITY MANAGEMENT

**Perimeter Security Manager II (PSM II)** is an advanced, Windows®-based security monitoring and control application that provides powerful intrusion detection system management capabilities and ease of use. The system is ideal for users seeking to manage numerous perimeter security devices across single or multiple networked locations.

PSM II monitors, displays and controls Southwest Microwave's complete range of intelligent perimeter detection systems, including INTREPID™ MicroPoint™ Cable, MicroPoint™ II, MicroPoint™-POE-S, MicroNet™ II, MicroTrack™ II, MicroWave 330, Model 316-POE-S, Model 334-POE-S and Model 336-POE-S. The system also seamlessly manages contact-closure auxiliary security devices.

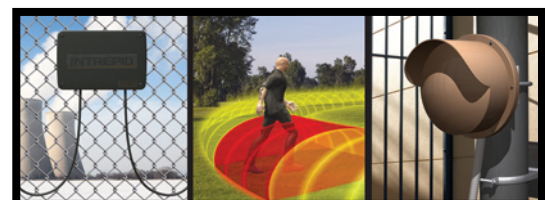
Patented **Migrating 3+** technology assures the highest levels of system redundancy and performance. This unique capability distributes control across multiple dedicated workstations so that if one becomes disabled, drivers are seamlessly migrated to a second with no interruption or downtime. Independent device and alarm status, SQL server database and GUI engines also ensure that operators have real-time access to this information.

Perimeter Security Manager II employs advanced system architecture to enable robust alarm handling and reporting capabilities using flexible cause-and-effect rules and escalation. These include definable user levels and access, programmable alarm and action scenarios, and comprehensive database log files that provide detailed audit trails of operator activity or alarm events.

With extensive expansion potential and quick-configure screens and site plans, this unique, flexible Graphic User Interface (GUI)-based system offers a scalable solution for the successful management of an organization's current and future perimeter security programs.

## KEY FEATURES

- SEAMLESS INTEGRATION OF SECURITY DEVICES
- INTUITIVE, ICON-BASED GUI WITH OPTIONAL TOUCH-SCREEN CONTROLS
- SECURE, 256-BIT AES ENCRYPTION AND TRANSPORT LAYER SECURITY (TLS)
- FLEXIBLE DISPLAY OF HIGH-RESOLUTION GRAPHIC MAPS
- PATENTED **MIGRATING 3+** REDUNDANCY
- CUSTOMIZABLE SCREENS AND EVENT-HANDLING PROCESSES
- SCALABLE, WINDOWS®-BASED TCP/IP ARCHITECTURE
- EASY SITE NAVIGATION VIA CUSTOMIZABLE 'PORTALS'



*PSM II connects seamlessly to INTREPID™ smart sensors for best-in-class performance.*

# PERIMETER SECURITY MANAGER II

## SECURITY MONITORING AND CONTROL SYSTEM

### ADVANCED SOFTWARE TECHNOLOGY

PSM II employs advanced software technology to enable robust alarm handling and reporting capabilities. These include definable user levels and access, programmable alarm and action scenarios and comprehensive SQL database log files that provide detailed audit trails of operator activity or alarm events.

### INTUITIVE GUI AND EASY SITE NAVIGATION

The system's user-friendly GUI lets system operators relate efficiently to their facility by incorporating intuitive, high-resolution 2D or 3D graphics in common formats (jpg, bmp, gif, png, tiff), plus text acknowledgments and active icons that indicate device location and status. Users can navigate a site quickly and easily via 'portals' – customizable links to more detailed views of specific buildings or areas of the facility being monitored and controlled.

### SCALABILITY

PSM II is fully scalable, enabling control of a single facility or multi-site systems over local or wide area networks, offering users the flexibility to expand their security management program as budgets and requirements dictate. Events can be transferred to any local or remote security control room on the network, providing effective monitoring and high level management of any situation.

### AUTOMATED ALARM HANDLING CAPABILITIES

The protection of lives and assets is an ever-increasing concern, and it is critical that emergency situations are handled swiftly and accurately. Operators are notified of an incident as it occurs, with clear on-screen event handling instructions pre-programmed by system administrators for each type of alarm or action.

### POWERFUL MIGRATING 3+ REDUNDANCY

The system's patented, high-security method of networking PC workstations ensures the highest level of redundancy and performance. In the event of PC failure, the system will automatically initiate system drivers on the other network PCs. PSM II incorporates an independent status engine, SQL server database so that device and alarm status are maintained across all workstations.

### ENHANCED ALARM HANDLING

PSM II's integration and user programmable alarm handling capabilities enable the security management system to make the majority of decisions – reducing the risk of human error. Devices being monitored or controlled by PSM II can be linked together and set to trigger a series of events when one or more actions or alarms occurs. For example, if an alarm signal is received, cameras can be switched to a pre-programmed location, a message sent to security personnel, gates opened or closed, and video activated to capture the incident in real time.



Easy site navigation with configurable 'portals'.



Full-screen management of site maps.



Clear on-screen alarms event handling instructions for Operators.

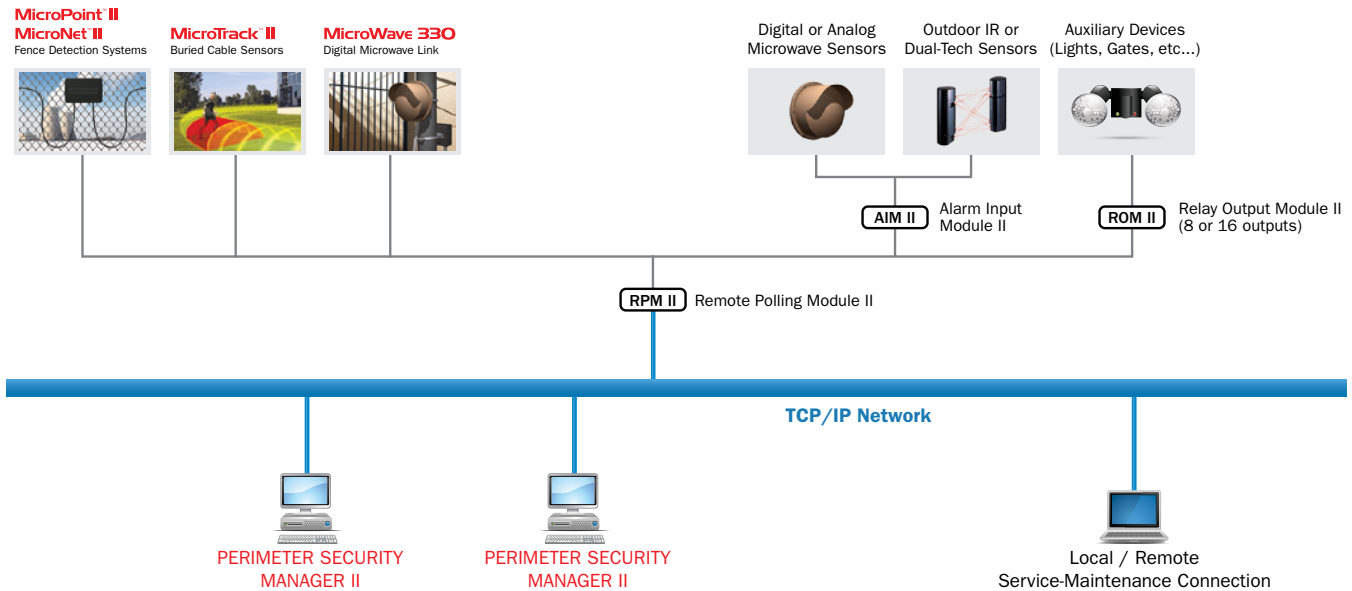


Incorporate high-resolution 2D or 3D graphics in common formats.

# EXAMPLE CONFIGURATION DIAGRAMS

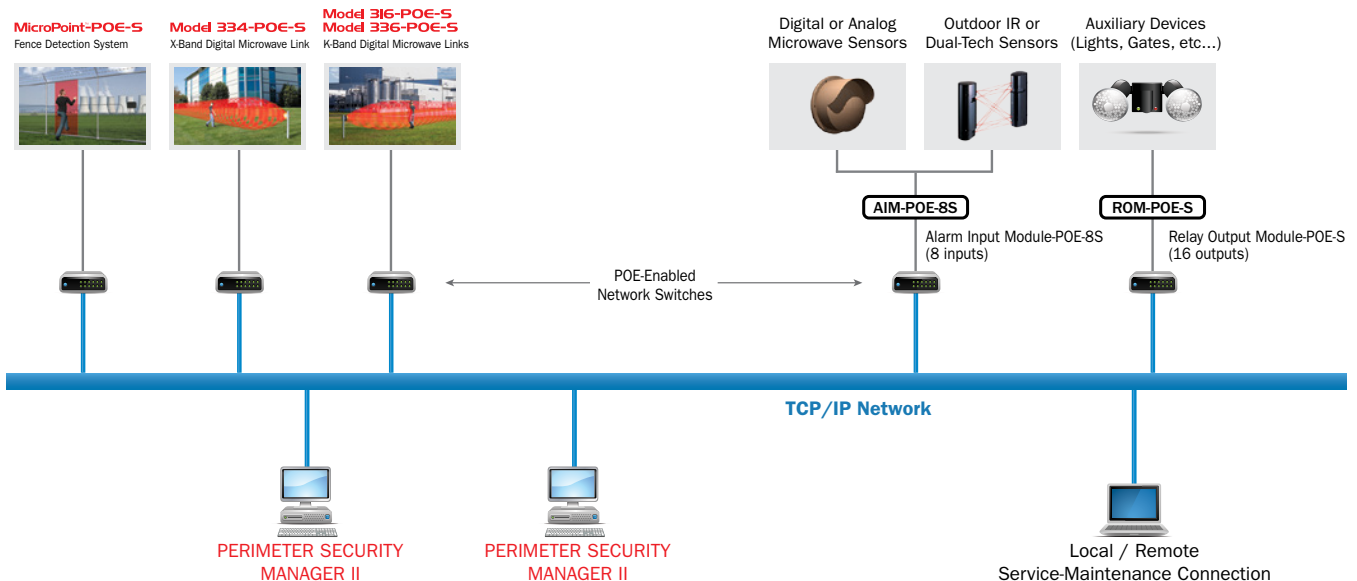
## NETWORK CONFIGURATION (RPM II DRIVER)

PSM II can connect to INTREPID™ Series II devices through the RPM II (Remote Polling Module II) over a TCP/IP network. Up to three PSM II workstations can be connected to the network. One workstation must be configured as the server while all others are configured as clients. The primary workstation accepts all system data then passes it to each additional monitoring station via the network. If the primary workstation goes offline, the system will automatically start the drivers on the other PC(s) on the network, providing full and seamless redundancy.



## POWER OVER ETHERNET CONFIGURATION (POE-S DRIVER)

PSM II can connect to INTREPID™ Power over Ethernet devices through a POE-enabled Network Switch over a TCP/IP network. Up to three PSM II workstations can be connected to the network. One workstation must be configured as the server while all others are configured as clients.



PSM II can also connect to INTREPID™ Series II devices via serial communications (IPP II Driver). Up to three PSM II workstations can be connected to the network. To enable TCP/IP communications, an RS232 to RS422 converter will be required. Please contact Southwest Microwave for further details.

# PERIMETER SECURITY MANAGER II SOFTWARE DRIVERS

The following is the current list of drivers available for the Perimeter Security Manager II. Check with Southwest Microwave for drivers of equipment not listed.

## PERIMETER SYSTEMS

**SOUTHWEST MICROWAVE:** INTREPID™ MicroPoint™ Cable Fence Detection System

**SOUTHWEST MICROWAVE:** INTREPID™ IPP II: For direct interface to INTREPID™ Series II Devices (MicroPoint™ II, MicroTrack™ II, MicroWave 330, Alarm Input Module II, Relay Output Module II (8 or 16 outputs)) through INTREPID™ Polling Protocol II.

**SOUTHWEST MICROWAVE:** INTREPID™ RPM II: For interface to INTREPID™ Series II Devices (MicroPoint™ II, MicroTrack™ II, MicroWave 330, Alarm Input Module II, Relay Output Module II (8 or 16 outputs)) through Remote Polling Module II.

**SOUTHWEST MICROWAVE:** INTREPID™ POE: For interface to INTREPID™ POE-S devices (Model 316-POE-S, Model 334-POE-S, Model 336-POE-S, MicroPoint™-POE-S, Alarm Input Module-POE-8S, Relay Output Module-POE-S (16 outputs)).

## PERIMETER SECURITY MANAGER II SPECIFICATIONS

### SYSTEM REQUIREMENTS

**Processor:** Intel®Quad Core™ 3.1GHz (i7) or higher

**Operating System:** Windows®7 or 10 Pro 64 bit

**Memory:** 8GB or higher

**Hard Disk:** 250GB or higher

**CD Drive:** CDRW/DVD Drive

**Sound Card and Speaker**

**Printer Port:** Parallel or USB

**Video Output (1) Monitor:** 1GB Graphics card or higher, supporting DirectX 11

**Video Output (2) Monitors:** 2GB Dual Output Graphics card or higher, supporting DirectX 11

**LAN:** 1GB network port

**Video Input (if required):** Axis IP video server (e.g. M7001)

**RS232 ports**

**PCI Slot (if required)**

**USB ports:** At least one free for Dongle License Key. Take into account requirements for keyboard, mouse, printer and monitor.

### COMMUNICATIONS SECURITY

**PC-to-PC Communication:** Secure 256-bit AES Encryption.

**Communication between Data Engines:** Messages employ Transport Layer Security (TLS) protocol to ensure privacy and data integrity.

### SOUTHWEST MICROWAVE DRIVER OPTIONS

Perimeter Security Manager is available with the following Southwest Microwave driver options:

**PSMII,DO-MP** MicroPoint™ Cable System Driver

**PSMII,DO-IPP II** INTREPID™ Series II Driver

**PSMII,DO-RPM II** Remote Polling Module II Driver

**PSMII,DO-POE** INTREPID™ Power Over Ethernet Driver

**PSMII,AUW II-ALS** Perimeter Security Manager II Additional User Workstation

### HOW TO ORDER

System configuration and drivers are dependent on individual project requirements. Consult your Southwest Microwave Sales Representative to review your site specifications.

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