

# Perimeter Security Manager

## Security Monitoring and Control System



**Advanced,  
Fully-Integrated  
Perimeter Security  
Management**

### Features:

- ▶ 'Plug and play' integration of security devices
- ▶ Intuitive, icon-based GUI with optional touch-screen controls
- ▶ High resolution graphics
- ▶ Live video and graphic maps on single display
- ▶ Powerful, redundant migrating server
- ▶ Customizable screens and event processes
- ▶ Scalable, Windows™-based TCP/IP architecture
- ▶ Easy system configuration and training

**P**erimeter Security Manager is a real-time, Windows-based security monitoring and control system that provides the ultimate in integration capabilities, reliability and ease of use. The system is ideal for facilities seeking to integrate and manage numerous perimeter security devices across single or multiple locations.

Perimeter Security Manager monitors, displays and controls Southwest Microwave's complete range of perimeter detection sensors, including the INTREPID™ MicroPoint™ Cable and MicroTrack™ systems. Perimeter Security Manager also incorporates and operates a wide range of third-party contact-closure controlled security devices, and facilitates high-level interface to CCTV cameras, digital video recorders and monitors.

Perimeter Security Manager features hierarchical operation, multiple site control, multiple user workstations and remote system access via password-protected TCP/IP protocol.

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



  
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## Security Monitoring and Control System



**Site graphics and live video on single display**

### **Advanced Software Technology**

Perimeter Security Manager employs advanced software technology to enable robust alarm handling and reporting capabilities. These include definable user levels and access, programmable alarm and action scenarios, programmable CCTV tours and comprehensive 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 graphics, text acknowledgments and real-time active icons that clearly 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/or controlled.



**Easy site navigation via 'portals'**

### **Automated Alarm Handling Capabilities**

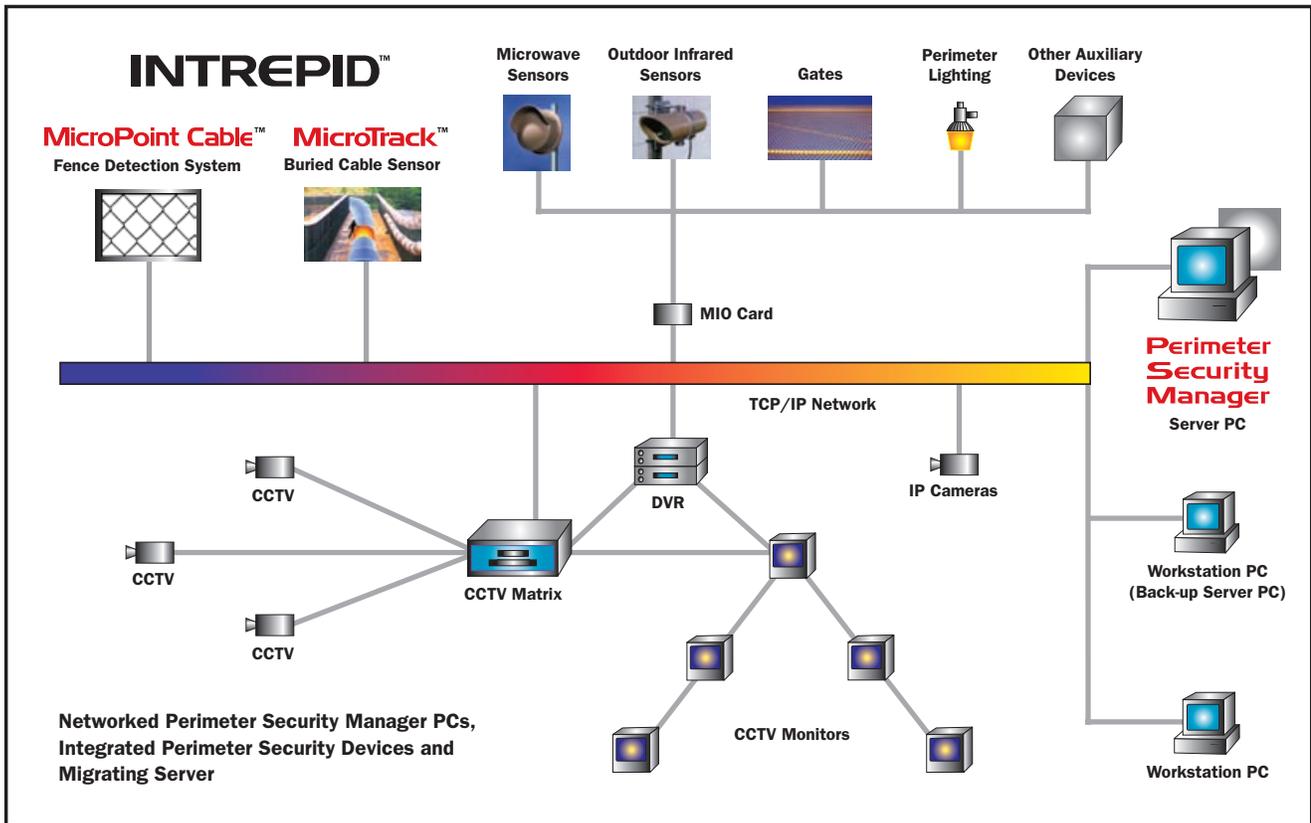
The protection of lives and assets is an ever-increasing concern, and it is critical that emergency situations are handled swiftly and correctly. With Perimeter Security Manager, the guesswork is removed. Operators are notified of an incident as it occurs, and supplied with clear, on-screen event handling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

### **High Security Migrating Server**

Perimeter Security Manager offers a unique, secure method of networking workstations. The system features a high security 'migrating server', which allows one or more workstations to become a back-up master PC within the hierarchy of the network configuration. This ensures database integrity and maintains control of all security equipment connected to the network via Ethernet or serial interface in the event that the master PC is disabled.



## Sample Configuration Diagram



**By enabling effective multi-discipline integration, Perimeter Security Manager achieves comprehensive site protection for even the highest security applications.**

### Scenarios for Optimal Integration

Scenarios are valuable, user-programmable system tools that maximize Perimeter Security Manager's integration capabilities. Scenarios also enable the security management system to make the majority of decisions – reducing the risk of human error. With scenarios, devices being monitored or controlled by Perimeter Security Manager 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 pager message sent to security personnel, gates opened or closed, and video activated to capture the incident in real time.



**Live video can be viewed full-screen while still incorporating site graphics and system controls.**

# Perimeter Security Manager

## Security Monitoring and Control System



### System Requirements:

(PC Minimum Requirements for XP Pro)

**Processor:** Pentium 266 Mhz or higher

**Operating System:** Windows 2000 Pro or XP Pro

**Ram:** 512 MB of internal memory

**Hard Disk:** 40 GB Hard Drive

**CD-ROM Drive:** 12x or faster

**Sound Card and Speaker**

**Printer Port:** Parallel

**Monitor:** 17 in. or larger SVGA (XGA recommended)

**LAN:** Ethernet communication adapter (PCI Bus)

**PCI Slot:** (required)

### Hardware Options:

62A16055-A01

#### 8-Port RS232 Serial Expansion Card

Required for systems with two or more serial connections to hardware

62A16056-A01

#### 4-Port Serial to Ethernet Rocket Hub for Migrating Server

62A16057-A01

#### 4 Way Relay Card to Trigger VCR

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#### Video Graphics Card for PC - NTSC Format (128 MB display memory)

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#### Multi Input/Output Card

Allows RS-485 communication with auxiliary security devices: (8) relay inputs, (4) relay outputs

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#### Network Card for Multi Input/Output Card

RS-232/RS-485 network controller for up to 32 MIO cards (Required for each network)

### Driver Options:

Perimeter Security Manager is available with the following driver options:

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

**DO-MT** MicroTrack™ Cable System Driver

**DO-MA** One CCTV Matrix and Multiplexer Driver

**DO-IO** Multiplexer Input/Output (MIO) Card Driver

### Graphics

Customer may supply site-specific high-resolution graphics in .bmp format. If required, graphics development and/or modification is available. Consult factory for custom quotation.

### 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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