



FENCE DETECTION SYSTEMS

BURIED CABLE DETECTION SYSTEMS

ALARM MONITORING AND CONTROL SYSTEMS

MICROWAVE SENSORS

RELOCATABLE MICROWAVE SENSORS

INFRARED AND DUAL TECHNOLOGY SENSORS

INTEGRATED PERIMETER SECURITY SOLUTIONS

PERIMETER DETECTION LEADERS SINCE 1971

Experience counts. In 1971, Southwest Microwave introduced the world's first commercial bi-static microwave sensor. Today, with 53,000 systems in more than 80 countries, we have earned a global leadership position in the design and manufacture of integrated, high-security, outdoor electronic perimeter security systems.

Our field-proven technologies offer unparalleled protection against unauthorized site access and are trusted worldwide to provide precise, immediate detection of perimeter disturbances in security-sensitive applications and harsh environments.

Product excellence reflects only one component of our customer commitment. Our pledge to provide world-class customer care is backed by superior technical support. By delivering proven technologies and broad-reaching value-added services, Southwest Microwave offers a solid foundation for long-term integrated perimeter security solutions.

OUR MISSION

To provide industry-leading system design resources, unparalleled technology options and best-in-class customer support tools to ensure reliable, long-term perimeter detection solutions for the infrastructural, asset and personnel protection challenges of our global client base.

WORLD-CLASS TECHNICAL SERVICES

The system configuration and support experts in our Technical Services Group can handle your complete system needs – from design to implementation and beyond.



SYSTEM PLANNING

Experienced project managers will assess your project and site parameters to customize a system that addresses budgetary and security goals. We can provide turnkey perimeter detection solutions or design a system to interface seamlessly with your existing security package.



INSTALLATION AND COMMISSIONING SERVICES

Our global network of factory-certified systems integrators can handle your complete installation requirements. Once installed, we offer factory commissioning of your system by highly qualified Southwest Microwave field service personnel to ensure peak performance.



TRAINING AND SYSTEM SUPPORT

Extensive product training backs every system we deliver – ensuring that your equipment is installed and maintained according to factory specifications. Should you require post-sale technical support, our experienced service engineers are on call to assist you for the life of your system.



INDUSTRY-LEADING WARRANTY PROGRAM

We're serious about sensor performance. To reinforce the reliability of our systems and further broaden their value-to-investment ratio, Southwest Microwave offers three-year warranty protection on our complete range of perimeter security products.

PROVEN PERIMETER PROTECTION FOR SECURITY-SENSITIVE APPLICATIONS

Southwest Microwave protects many of the world's highest security sites across wide-ranging vertical markets and can customize a high-performance solution for your infrastructure, asset and personnel protection challenges.

53000 SYSTEMS IN **80**+ COUNTRIES



GOVERNMENT / MILITARY

- Homeland Security
- Embassies & Consulates
- Treasury & Administration Buildings
- Base & Force Protection
- Weapons & Equipment Storage
- Flight Lines
- Command & Control Centers



UTILITIES

- Electric Energy Sites
- Water & Wastewater Sites
- Nuclear Power Plants
- Natural Gas Sites
- Hydroelectric Dams
- Solar & Wind Farms
- Communications Networks



INDUSTRIAL

- Chemical Plants
- Oil & Gas Sites
- Pharmaceutical Sites
- Corporate Campuses
- Data Centers
- Mines & Refineries
- Distribution & Warehousing



CORRECTIONS

- Prisons
- Jails
- Juvenile Detention Centers
- Remand Centers
- Psychiatric Facilities
- Hospitals
- Vocational Buildings



TRANSPORTATION

- Airports
- Seaports
- Bridges & Tunnels
- Mass Transit
- Railroads
- Trucking Yards
- Cargo Terminals



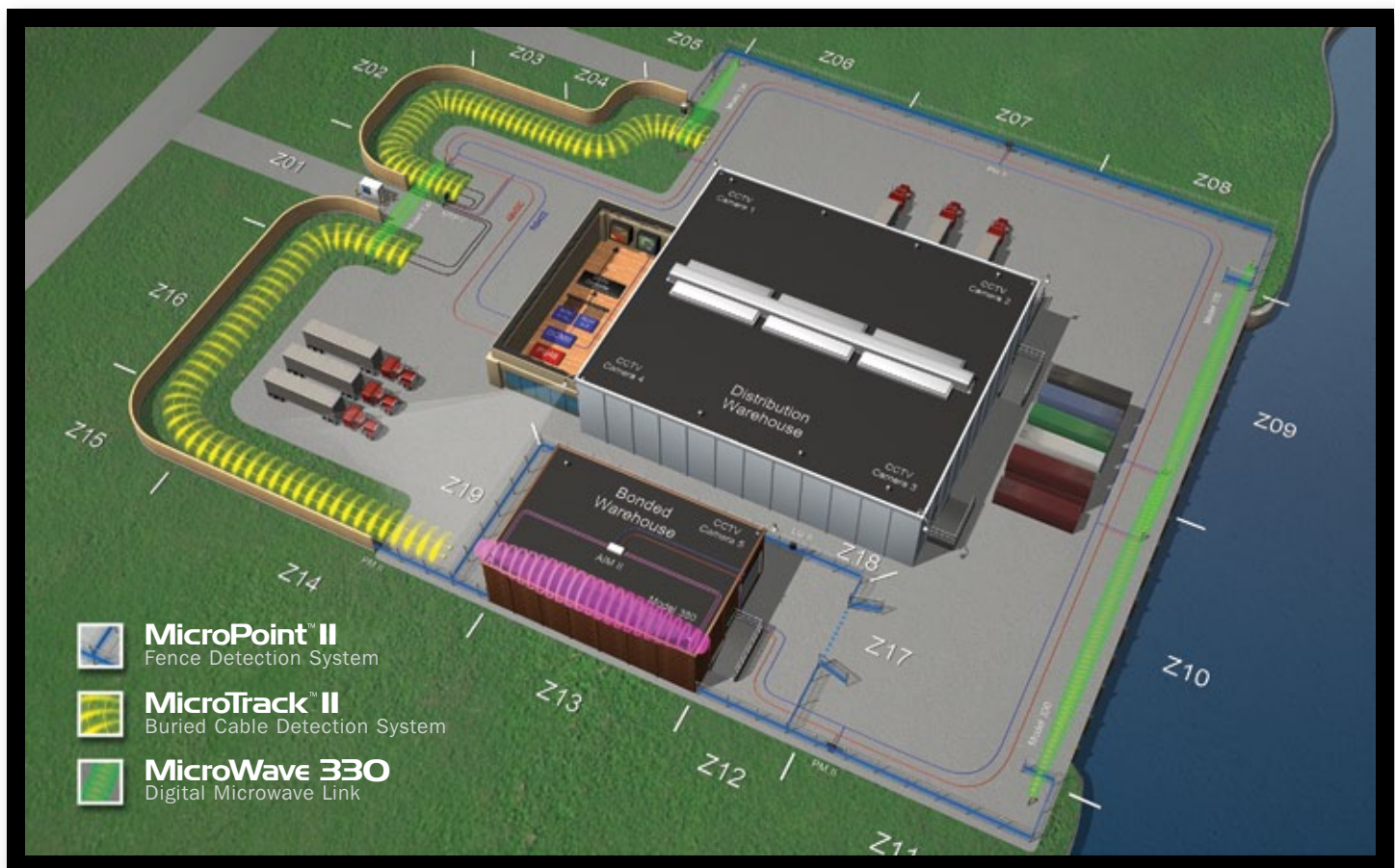
VIP PROTECTION

- Estate Homes & Assets
- Gated Communities
- Government Residences
- Vacation Properties
- Luxury Hotels
- Special Event Protection
- Dignitary Visits

UNRIVALLED DETECTION SOLUTIONS

Southwest Microwave produces the world's most complete range of outdoor electronic perimeter detection systems to prevent unauthorized entry into protected areas and reduce risk of vandalism, theft or harm to critical infrastructure, property and individuals.

INTREPID™ SINGLE PLATFORM TECHNOLOGIES



STATE-OF-THE-ART-DETECTION CAPABILITIES MEET NETWORKED CONVENIENCE

Deploy any combination of new-generation INTREPID™ fence, buried cable or digital microwave sensors on a single communications platform - to protect each portion of your perimeter with an optimal solution for that location.

FENCE DETECTION SYSTEMS

Revolutionary fence-mounted smart sensors that pinpoint cut or climb intrusion attempts to within 3 m (10 ft) and eliminate environmental nuisance alarm problems.



INTREPID[™] MicroPoint[™] II

New-generation MicroPoint[™] fence detection, featuring open-architecture communications protocol for networking with other new-generation INTREPID[™] technologies.



INTREPID[™] MicroPoint[™] Cable

Unique cut / climb detection technology featuring precise disturbance location, resistance to nuisance alarms, uniform detection sensitivity and software-controlled zoning.



MICRONET[™]

A solution for correctional facilities featuring simplified administration tools and heavy-duty hardware for maximum tamper-resistance.



MicroPoint[™] Tape

Ruggedized perimeter fence solution for barbed tape applications.

BURIED CABLE DETECTION SYSTEMS

Terrain following, volumetric smart sensors that pinpoint intrusion attempts to within 3 m (10 ft) for applications where covert protection and site aesthetics are essential.



INTREPID[™] MicroTrack[™] II

New-generation MicroTrack buried cable detection, featuring open-architecture communications protocol for networking with other new generation INTREPID[™] technologies.



INTREPID[™] MicroTrack[™]

Unique buried cable detection technology featuring precise disturbance location, resistance to nuisance alarms, uniform detection sensitivity and software-controlled zoning.

ALARM MONITORING AND CONTROL SYSTEMS

Advanced security management systems that monitor, display and control a facility's complete perimeter security program.



INTREPID™ SINGLE-PLATFORM SYSTEM CONTROLLERS

Scalable, open-architecture security management and networking solutions for new-generation INTREPID™ systems, offering the utmost in flexibility for diverse site parameters.



PERIMETER SECURITY MANAGER

The ultimate in device integration and ease of use for centralized perimeter security control across single or multiple locations.



INTREPID™ MAP MONITOR / ADVANCED MAP MONITOR

Graphical user interface with integrated alarm, event and device management plus complete reporting capabilities.

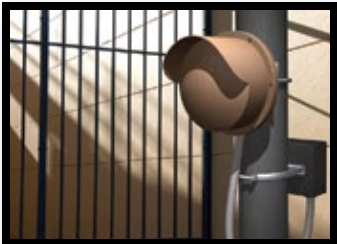


MICRONET™ PREMIUM PERIMETER MONITOR

Simplified yet full-featured GUI-based perimeter security management system for correctional applications.

MICROWAVE SENSORS

Short or long range volumetric microwave links and transceivers for the detection of intruders in open areas, at gates and entryways and for rooftop and wall applications.



INTREPID™ MicroWave 330 DIGITAL MICROWAVE LINK

K-Band detection to 244 m (800 ft). Open-architecture communications facilitate networking with other new generation INTREPID™ technologies.



MODEL 300B MULTIPLE RANGE MICROWAVE LINK

X-Band detection to 183 m (600 ft). Short range pattern for gate protection. Extended range patterns for full perimeter protection.



MODEL 310B LONG RANGE MICROWAVE LINK

K-Band detection to 457 m (1500 ft). Narrow beam width for operation at long ranges and very narrow corridors.



MODEL 316 LONG RANGE MICROWAVE LINK

K-Band detection to 244 m (800 ft). Narrow beam width for operation at long ranges and within narrow corridors.



MODEL 310B-33456 EXPLOSIONPROOF MICROWAVE LINK

K-Band detection to 100 m (328 ft). Reliable intrusion detection in the presence of flammable or combustible materials.



MODEL 320SL DUAL SYNCHRONIZED MICROWAVE LINK

X and K-Band detection to 183 m (600 ft). Maximum-security stacked sensor configuration for the highest risk applications.



MODEL 380 MICROWAVE TRANSCIVER

K-Band detection to 61 m (200 ft). Continuously variable range cutoff prevents alarms from targets beyond a specified range.



MODEL 385 MICROWAVE TRANSCIVER

K-Band detection to 122 m (400 ft). Continuously variable range cutoff prevents alarms from targets beyond a specified range.

RELOCATABLE MICROWAVE SENSORS

Rapid deployment short or long range microwave sensors for the protection of VIPs, mobile assets or other temporary high security applications.



M.I.L.PAC 316 RELOCATABLE MICROWAVE LINK

K-Band detection to 244 m (800 ft) – CE Certified. Narrow beam width for operation at long ranges and within narrow corridors.



M.I.L.PAC 385 RELOCATABLE MICROWAVE TRANSCEIVER

K-Band detection to 122 m (400 ft). Continuously variable range cutoff prevents alarms from moving targets beyond a specified range.

INFRARED AND DUAL TECHNOLOGY SENSORS

Advanced, stand-alone high-performance sensors for short and medium range outdoor intrusion detection applications.



MODEL 415 PASSIVE INFRARED INTRUSION SENSOR

Digital signal processing, adaptive threshold decoding and signal shape analysis ensure reliability in varying conditions. 107 m (350 ft) range.



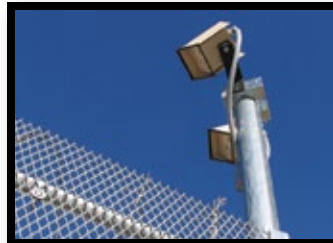
MODEL 460B ACTIVE INFRARED INTRUSION SENSOR

6-beam outdoor active infrared sensor with a protection zone of up to 100 m (328 ft) for gates, narrow corridors or applications with aesthetic concerns.



MODEL 455B ACTIVE INFRARED INTRUSION SENSOR

Quad-beam sensor with 50 m (165 ft) range designed for gate protection or walltop applications.



MS15 / MS16 DUAL TECHNOLOGY MOTION SENSOR

Designed to detect upright/walking and running targets. MS16 offers enhanced detection capability for prone crawling targets.

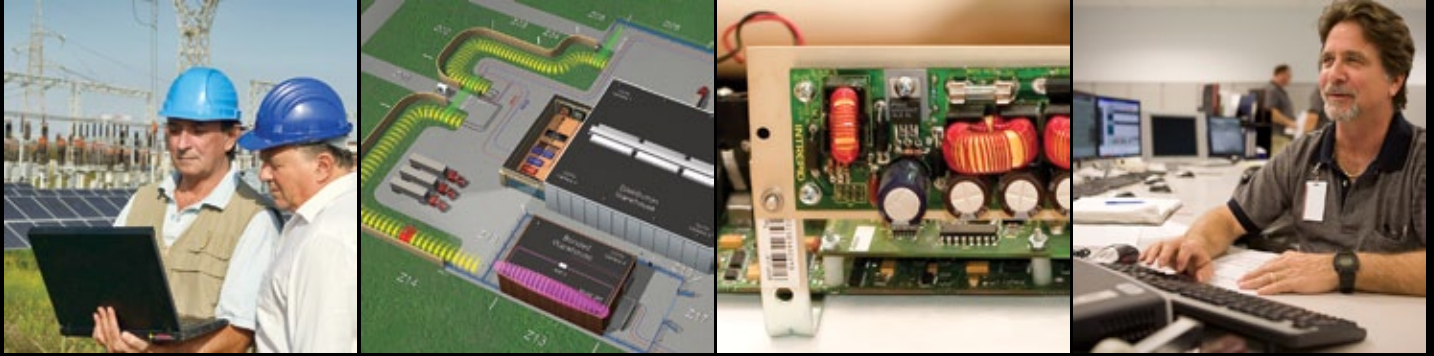
OUR COMMITMENT TO QUALITY

Our goal of **100% equipment reliability** is backed by a world-class manufacturing infrastructure, and we have built a reputation for maintaining the highest standards of quality across our entire product spectrum. Each Southwest Microwave system is the combined result of innovative design, superior components and ISO-certified production processes.

Southwest Microwave also leads the industry in performance testing initiatives, supporting hot and cold-weather sensor test ranges in Arizona, USA, Ontario, Canada and Worcestershire, UK.

EXCEEDING EXPECTATIONS

An experienced team. Broad-ranging detection solutions.
Best-in-class system performance. Industry-leading technical support.
Count on Southwest Microwave to meet your needs and continually exceed your expectations.



Southwest Microwave perimeter detection solutions are available through authorized partners worldwide. To locate a representative in your area, visit us online at:

WWW.SOUTHWESTMICROWAVE.COM

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