

INTREPID™

SMARTER PERIMETER DETECTION SYSTEMS



MicroPoint™ II
Fence Detection System

MicroTrack™ II
Buried Cable Detection System

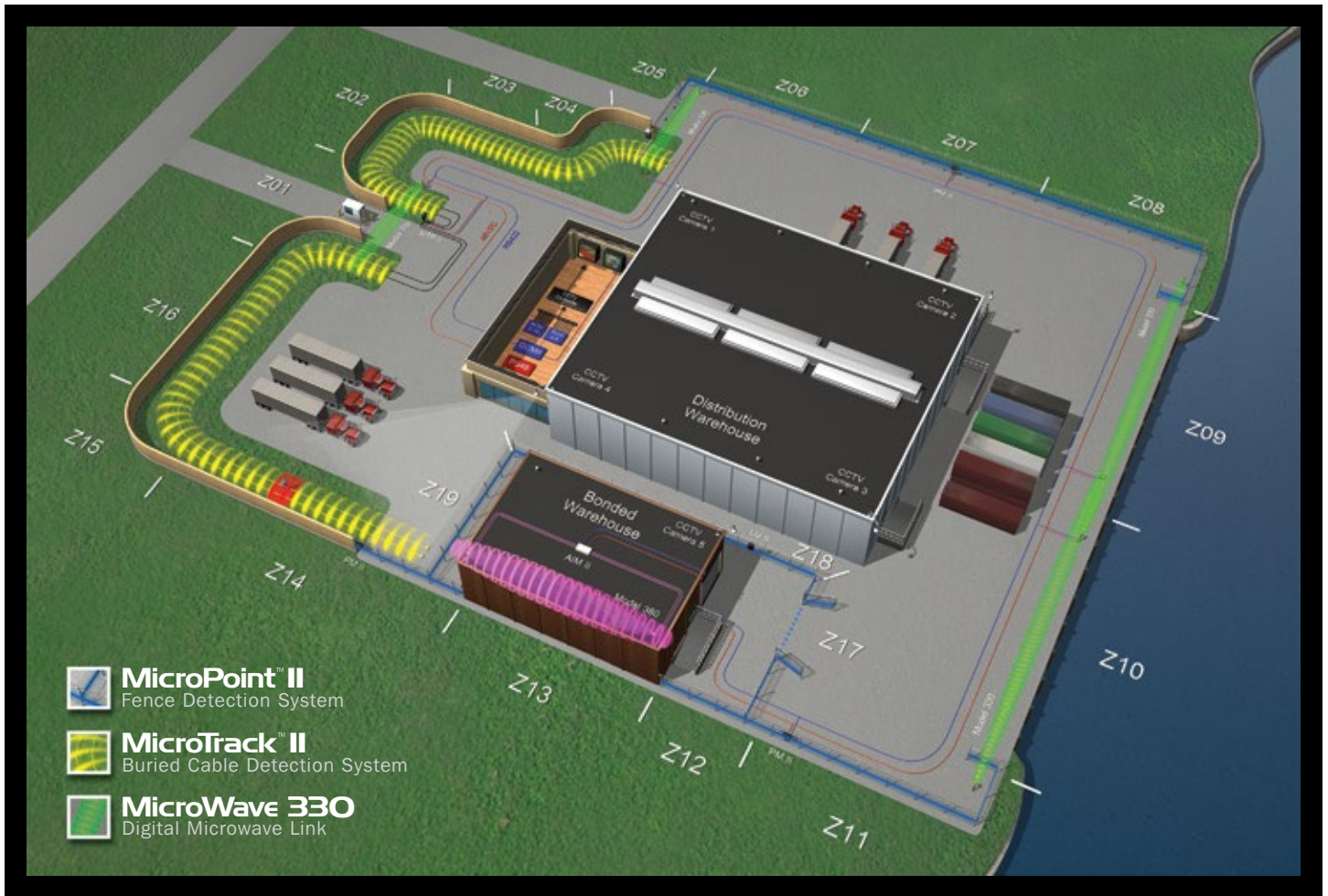
MicroWave 330
Digital Microwave Link

PROVEN PERIMETER PROTECTION
NEW SINGLE-PLATFORM SIMPLICITY.

OUR

INTREPID™

INTELLIGENT SENSORS JUST GOT EVEN **SMARTER!**



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

Deploy any combination of fence, buried cable or digital microwave solutions on a single network platform - to protect each portion of the perimeter with an optimal sensor for that location.

INTREPID™

SEAMLESS SOLUTIONS

For diverse perimeter security needs.



THE CHALLENGES

In protecting a facility's perimeter, two distinct challenges arise. Selecting the appropriate sensor technology to address site requirements and finding cost-effective, compatible solutions when site characteristics or security level dictate the introduction of multiple sensor technologies.

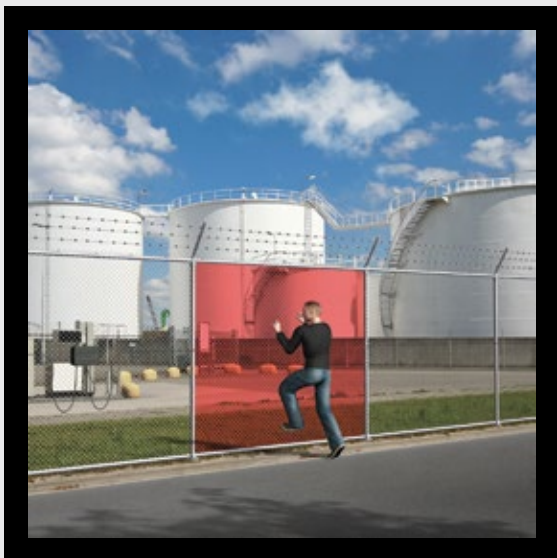
THE SOLUTION

Combining forty years of perimeter detection experience with the latest in integrated systems engineering, Southwest Microwave provides solutions for both of these challenges with our newest-generation INTREPID™ Intelligent Sensors. Field proven detection technologies, made even SMARTER with single-platform networking.

New-generation INTREPID™ sensors offer enhanced features and unique detection capabilities to reliably protect the highest security sites and perform in harsh climatic extremes. For unparalleled configuration and operating convenience, the INTREPID™ family employs a common communications protocol, universal set-up software and system controllers, integrated I/O modules and a broad input voltage range - eliminating the costly and complicated task of integrating multiple technologies.

Finally, high-performance perimeter protection meets true systems convergence. With INTREPID's synergistic sensor technologies, deploy any combination of fence, buried and digital microwave solutions on a single network platform - to protect each portion of your perimeter with an optimal sensor for that location.

SYNERGISTIC SENSOR TECHNOLOGIES



MicroPoint™ II

Fence Detection System

- Detection of cut or climb attempts
- Pinpoints intrusion attempts to 3m / 10ft
- Uniform detection sensitivity along fence line
- Solves environmental nuisance alarm problems
- Flexible, software-controlled zoning
- Single platform networking capabilities



MicroTrack™ II

Buried Cable Detection System

- Covert terrain-following RF detection
- Pinpoints intrusion attempts to 3m / 10ft
- Uniform detection sensitivity across coverage area
- Solves environmental nuisance alarm problems
- Flexible, software-controlled zoning
- Single platform networking capabilities



MicroWave 330

Digital Microwave Link

- 457m (1,500ft) / 244m (800ft) (CE) range
- Open areas, gates, entryways, rooftops, walls
- K-Band multipath detection
- Powerful DSP algorithms for high Pd, low NAR
- Microwave path monitoring for signal changes
- Single platform networking capabilities



POWERFUL NETWORKING CAPABILITIES

INTREPID™ sensors and I/O modules are seamlessly networked via a common, open architecture communications protocol – the INTREPID™ Polling Protocol – using standard RS422 serial data interface. Network connections may be via copper wire, fiber optic cable or wireless (TCP/IP) method.

Network architecture guarantees alarm delivery time, and can be structured in a variety of configurations to best address network size and alarm delivery requirements.



SCALABLE SYSTEM CONTROLLERS

A universal INTREPID™ controller conveniently manages all INTREPID™ sensors and I/O modules. Choose from four control modules that offer scalable security management solutions to suit any site parameters with features ranging from local relay control to multi-language graphic mapping tools, centralized local or remote multi-site management and high level CCTV interface.

An SDK is available to third-party developers for high level integration of new-generation INTREPID™ sensors into custom control applications.



INTEGRATED I/O MODULES

Auxiliary Input Module II: Allows the incorporation of auxiliary devices – such as Southwest Microwave's conventional sensors, gate and door contacts, or other alarm contacts.

Relay Output Module II: 8 or 16-port modules provide simple interface to CCTV, legacy alarm panels, perimeter lighting, or other relays if high level interface is not available.



EASY SYSTEM SET UP

Universal installation service software configures each INTREPID™ device with laptop convenience. User-friendly features, including sensor auto-discovery, guided navigation and forward propagation simplify set-up and calibration.

Unique configuration security allows lock down of device settings, ensuring that only approved configuration changes are implemented.



SIMPLIFIED ZONE ASSIGNMENT

To assign detection zones, the system controller auto-discovers networked alarm inputs to confirm proper configuration. Each input is then associated with perimeter segments - or zones - of the desired length. For added flexibility, multiple sensor technologies can be assigned to a single zone.

When an intrusion attempt occurs, alarm data is communicated to the controller and its location is displayed on a graphic map. Zones may also be associated with specific outputs – such as camera presets – so that when the perimeter is breached, precise visual assessment is achieved.

PERIMETER PROTECTION *LEADERS SINCE 1971*



With more than 40 years of experience and 70,000 systems in 80+ countries, Southwest Microwave has earned a global leadership position in the design and manufacture of integrated, high-security, outdoor electronic perimeter security systems for the protection of infrastructure, assets and personnel. Our field-proven products provide accurate, immediate detection of perimeter disturbances. Robust system control options assure the seamless integration of all elements of a facility's perimeter security program.

Product excellence reflects only one component of the Southwest Microwave customer commitment. Our pledge to provide world-class customer care is backed by extensive technical service capabilities, including system design and commissioning services, comprehensive training programs and responsive tech support. By delivering proven technologies and broad-reaching value-added services, Southwest Microwave offers a solid foundation for long-term integrated perimeter security solutions.

www.southwestmicrowave.com

USA (CORPORATE HEADQUARTERS):

Southwest Microwave, Inc. Security Systems Division, 9055 South McKemy Street, Tempe, Arizona 85284 USA
Telephone: +1 (480) 783-0201

EUROPEAN OFFICES:

Southwest Microwave Ltd., Suite 3, Deer Park Business Centre, Woollas Hill, Eckington, Worcestershire WR10 3DN UK
Telephone: +44 1386 75 15 11

MIDDLE EAST OFFICES:

Southwest Microwave, Inc., Office No. A-102/2, Dubai Silicon Oasis, Dubai, UAE
Telephone: +971 4 371 2624

