SOUTHWEST MICROWAVE INTEGRATION
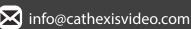
POWERFUL INTEGRATED SOLUTIONS FOR VIDEO SURVEILLANCE
AND PERIMETER INTRUSION DETECTION

Cathexis and **Southwest Microwave** have joined forces to create an integrated solution that pairs perimeter intrusion detection sensors with a robust CCTV system, providing clients with a holistic security package for the protection of critical infrastructure and high value assets.

✔ Perimeter intrusion detection and CCTV on a single platform for simplified integration

✔ Ability to associate cameras to the precise point of intrusion for real-time visual identification

✔ Graphical representation of status and alarms on map interface

✔ Create unique actions on perimeter zone events e.g:
  - o Switch zone-related camera to video wall on zone alarm detected by intrusion detection sensors
  - o Send event info to local or off-site control room
  - o Send email or SMS notifications
  - o Move PTZ cameras to preset positions associated with zone alarms
  - o Play audio clips
  - o Switch outputs

✔ Mine event database to find events and associated video footage

Featured Benefits

Create a solution that provides a fully integrated Perimeter Intrusion Detection and CCTV system.

CathexisVision
Video Monitoring Solutions

✔ **Video Analytics**:
Multi-zone, smart learning, motion detection algorithms, abandoned or removed object detection, loitering, speed, direction, line-crossing and several others.

✔ **ANPR**:
Easily searchable low- and high-speed ANPR solutions for parking/access control or high-speed freeway licence plate detection.

✔ **Advanced Video Search**:
Sophisticated tools that dramatically speed up the ability to review and find specific and relevant footage. These tools include: Activity Trails, Bookmarking, Motion Search and Snap Search.

✔ **Adjacent Camera Mapping**:
Allows operators to display all the cameras that are directly adjacent of the focus camera for easy camera navigation.

SOUTHWEST MICROWAVE

✔ **Superior Intrusion Detection Performance:**
Advanced, proprietary digital signal processing (DSP) capabilities of the INTREPID™ Series II and POE-S sensors - fence, buried and digital microwave detection solutions - optimize discrimination between intrusion attempts and environmental disturbances, preventing nuisance alarms.

✔ **Powerful Networking Capabilities:**
TCP/IP network architecture guarantees efficient alarm delivery time and enables for a variety of configurations to best address network size and alarm communication requirements.

✔ **Easy System Set-Up:**
Universal installation service software configures each INTREPID™ Series II and POE-S device with laptop convenience and includes user-friendly programming features for simple set-up and calibration.

✔ **Simplified Zone Assignment:**
Easily establish detection zones anywhere along the protected perimeter and leverage output modules to enable third-party devices, across a range of protection applications.

Martin Lomberg

General Manager, EMEAI Region

Southwest Microwave

" Southwest Microwave collaborates with technology partners all over the world to help solve the perimeter security challenges faced by security-sensitive industries.

We are pleased to have partnered with Cathexis to pair our field-proven fence, buried cable and microwave perimeter intrusion detection sensors with a powerful VMS platform.

This integration enables operators to receive instant visual notification of alarms and intrusion attempts for quick response to a perimeter breach. "

CathexisVision
Video Monitoring Solutions

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Integration Solutions

Providing enhanced efficiency and effectiveness to address your security challenges.

Intercoms

Fire Management

Other 3rd party Integrations

Parking Systems

Video

Access Control

Barcode Reader

Intrusion Detection

SOUTHWEST MICROWAVE

INTREPID™ Series II POE-S sensors

Alarm Management

Remote Viewing

Client Viewing

Mobile

CONTROL ROOM

Server

Redundant Server

Video Wall