



MIMOS Intelligent Surveillance Platform (Mi-SP)

Traditional video surveillance systems rely on manual detection of abnormalities and become important only after a crime has taken place. The video analytics technology in MIMOS Mi-SP employ proprietary algorithms to detect and alert suspicious activities within the live feed of security cameras, without the need of a patrolling security officer and even before a crime can take place.

Overview

MIMOS Mi-SP is a versatile video surveillance system that includes intelligent elements of advanced video analytics. With Mi-SP, suspicious events can be detected by video analytics and an alert will be generated to alert the security personnel, thereby increasing the situational awareness of an entire organisation. Mi-SP is efficient and flexible and it can be integrated with existing video surveillance systems.

Features

Mi-SP comprises the following features:

■ Event Detection Video Analytics

Video analytics are used to constantly monitor video images, from each assigned camera. The intelligence embedded in Mi-SP includes Unattended Object Detection, Intrusion Detection, Slip and Fall Detection and Object Counting.

■ Smart Client Video Analytics

The results of the video analytics from individual cameras are consolidated and fused to provide situational awareness information such as 3D location indicator, event timelines and human/vehicle traffic flow control. The situational information is visualised through the smart client.

■ Flexible Architecture

A set of customisable video analytic detection rules and notification is featured. In addition, the video analytics can be used as a standalone system or integrated to a third party surveillance system.

Technology Benefits

The main impacts of Mi-SP are:

■ Patented Algorithm/Technology

MIMOS' in-house algorithms to provide high accuracy and low false alarm rate. This algorithm library covers most mainstream video analytics in the market.

■ Real-Time Monitoring and Offline Event Detection

Mi-SP can be applied for both automated real-time video monitoring and offline forensic event detection.

■ Increased Operational Efficiency

Video monitoring and analysis potentially increases daily work efficiency by providing situational awareness to users through various event fusion and analysis.

■ Uncompromised Quality with Reduced Cost

Security personnel can be used efficiently to run the grounds without the need for stationary personnel to watch surveillance monitors.

Technology Summary

Mi-SP

A versatile video surveillance system with advanced video analytics that automatically detects and alerts occurrences of suspicious activity.

Industries: Public Safety, Enterprise, Government

Features

- Event detection video analytics
- Smart client video analytics
- Flexible architecture

Technology Benefits

- Patented algorithm/technology
- Real-time monitoring and offline event detection
- Increased operational efficiency
- Uncompromised quality with reduced cost



MIMOS Mi-SP event detection video analytics

System Requirements

Mi-SP	
Hardware Requirements	
Processor	Intel® Xeon® Processor Dual Quad-Core 2.30GHz or higher
Memory	Minimum 4GB DDR3 SDRAM FB-DIMM
Disk Storage	Minimum 500GB of hard disk space
Network Adapter	Gigabit Server network adapter
Software Requirements	
Operating System	Windows XP SP2, Windows Server 2003/2008 32-bit/64-bit
Web Server	Microsoft® IIS 7 or above with ASP.NET platform runtime-enabled
.Net Framework	Microsoft .NET 4.0
Database	Microsoft SQL Server Express 2008
Internet Browser	Mozilla® Firefox®, Internet Explorer® or Google Chrome™

MIMOS is the leader in ICT innovations, pioneering new market creations for partners through patentable technologies for economic growth. For more information on MIMOS technologies, contact fnsb@mimos.my or market@mimos.my or go to www.mimos.my.



Innovation for Life™