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

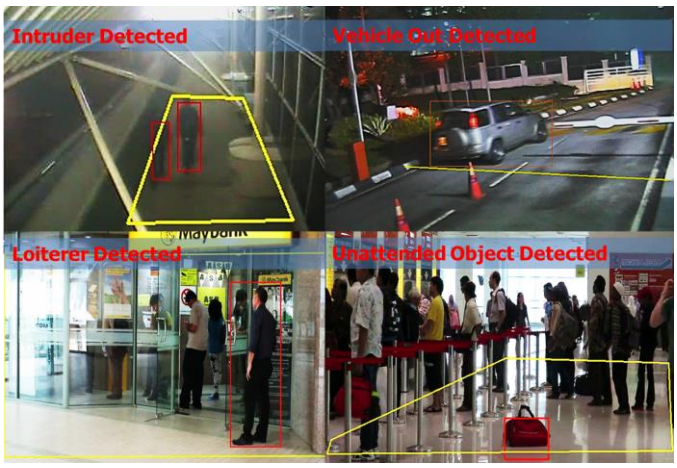
A versatile video surveillance system with advanced video analytics that automatically detects and alerts occurrences of suspicious activity.
Industries: Public Safety, Enterprise, Government

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™

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