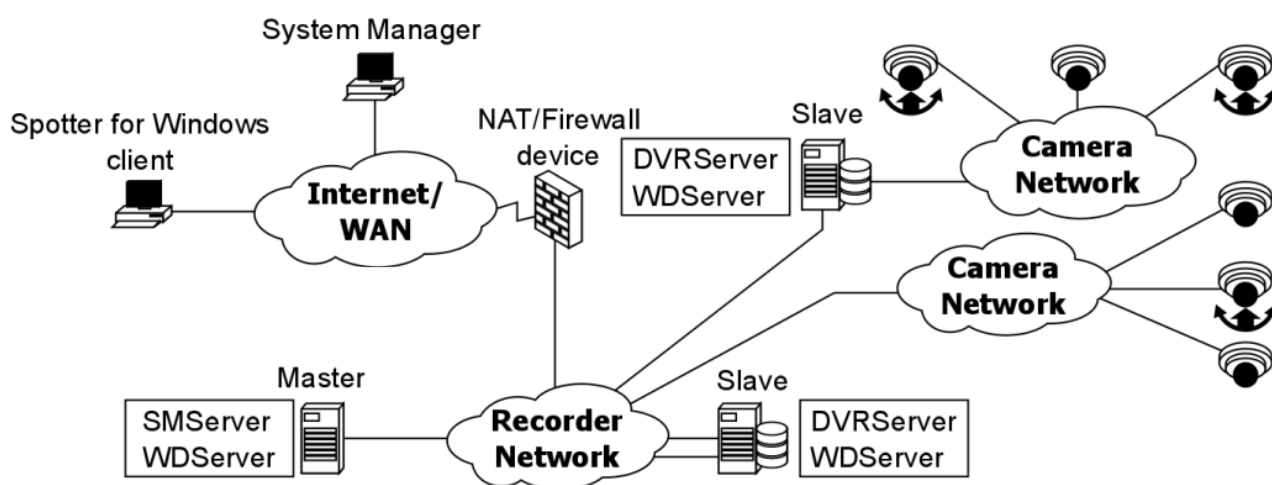




The Mirasys VMS System is a distributed, PC-based digital video management system (VMS) for video and audio surveillance solutions based on the Mirasys VMS Enterprise software products. The system can be run on a standard Microsoft Windows PC/server platform and data can be transferred over a TCP/IP network.

Along with IP and analogue cameras, the system supports the recording and playback of audio devices, text data, video analytics and metadata, as well as numerous other devices that can be controlled or integrated via digital I/O, TCP/IP and Serial connections.

The system includes various tools and user configuration applications for system management and performance monitoring as well as highly functional easy end user virtual matrix, video view/review and export applications for Windows, Android, Apple iOS and Java enabled browser.



## VERY LARGE SYSTEM ARCHITECTURE

Mirasys VMS Enterprise is a video surveillance solution that scales easily to suit the needs of applications of any size. The system supports Master Server partitions of up to 150 recording servers, with thousands of analogue and/or IP cameras in one centrally managed environment.

Each recording server supports up to 128 cameras per server instance depending on bandwidth, storage and performance requirements and all cameras can be managed, monitored and viewed remotely as part of a single centralised system independent of location.

Using multiple Master Server partitions, thousands of servers and hundreds of thousands of cameras can be clustered together.

## INTELLIGENT & OPEN VIDEO MANAGEMENT SYSTEM (iVMS)

Mirasys VMS Enterprise can be extended with intelligent Video Content Analytics (VCA), Automatic Number Plate Recognition (ANPR) solutions and other options.

Due to its open architecture, it is easy to integrate Mirasys VMS Enterprise systems with other systems such as access control, fire alarms, network management, enterprise resource planning, point of sales, etc.

## SYSTEM COMPONENTS AND SOFTWARE

The digital video management system can include the following components:

### Client Applications

- Spotter for Windows – End user client application
- System Manager – System management client
- WebClient – Browser-based client
- Spotter Mobile – Mobile client application for Android and Apple IOS
- Servers (by default up to 150 per one Master Server partition)

### Recording Servers

- System Management Server
- System Monitoring Service (Watchdog)
- Gateway / Web Server (for mobile and web client application access, and integrations)
- Display Servers and Operator Consoles (for AVM, Agile Video Matrix)

As well as Application programming interfaces (APIs) for integration with other systems

Communication between the system components takes place over a TCP/IP network.

## FLEXIBLE SYSTEM DESIGN

It is possible to configure the architecture of Mirasys Enterprise VMS in many different and complex designs depending on requirements. This can include highly-secured systems, using a variety of access and end user application mechanisms.

