

Overview of X-VMS

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Basics

X-VMS' purpose is to provide centralized management of all Platinum devices.

This is accomplished in 2 ways:

1. Access control of agents are done in one location, allowing changes to be made that can sweep across groups/roles or even be done down to individuals. Permissions can be, but are not limited to:
 - a. Camera access. This can be live view, playback, downloading, or alerts. Individual cameras can be restricted based upon role of the agent.
 - b. Physical door control. This can be access logs or direct control of the door locks.
 - c. Intercom. Call receiving or door control.
 - d. Server management. Users can be allowed to make modifications to the server itself and those permissions can also be controlled granularly. e.g A user may be allowed to create new users and roles, but are unable to add or delete devices from the X-VMS server.
2. Agents use the client software to interface with the X-VMS server. Each agent will have a unique login which will determine the exact permission/access that the agent has. Benefit of this include:
 - a. Being that the client is purely for monitoring, it is a lighter and faster piece of software compared to something like NVMS v3 which must perform both duties simultaneously.
 - b. Deployment of new clients are very simple, only information required to start up is the address of the server, the port, the agents username, and

the agents password. If done correctly in management, login to new accounts should be "ready to go".

X-VMS is comprised of two pieces of software, the Server and the Client.

Server

Warning: Server configuration and setup are done PURELY through the browser.

This software is installed on a device that is to remain online permanently. It's purpose is to connect to the Platinum devices that are to be managed or monitored. These devices can be on the same network that the server is on or even from remote networks.

Capabilities of the server are dependent upon the physical server hardware and the licenses that are applied.

1. Hardware will determine the overall performance of the software itself, which are factors such as number of connected users, number of simultaneous streams, total alert subscriptions, amongst others.
2. Licenses will determine the exact functionality that the server can perform. There are basic licenses such as camera and door licenses which provide the ability to add cameras and access control to the system for management and monitoring. There are also more capable licenses such as license plate reading, which will allow the server to interface with any Platinum LPR to read the license data directly.

The X-VMS server is an explicitly configured software.

The software will not do anything by default, everything must be configured to be done. From the basic camera feed, individualized alerts, call receipts, these must all be manually created or configured.

Client

This software is typically installed on devices that are NOT the server and it is NOT meant to be a server management tool.

The majority of agents will be using only the client and need no familiarity with how the X-VMS server runs itself. The client is meant to be user friendly and simple so that even agents with no experience can easily pick up and use the software.