Orchid | Video Management Software

With multiple VMS platforms supporting a diverse set of surveillance configurations, IPConfigure Orchid is used by customers ranging from small business owners to some of the world's largest global retailers. Recognized for its reliability and ease of use, Orchid provides local and remote access to live and recorded video through an intuitive web browser interface, with the same user experience on both workstations and mobile devices.

The Orchid web interface is hosted by one or more Orchid servers running on traditional Windows or Linux systems, NAS storage devices, or on supported embedded hardware. Orchid supports over 2,500 IP cameras through the ONVIF Profile S specification. This cross-platform flexibility adapts to your existing infrastructure and reduces IT, hardware, and licensing costs.





Camera Count	
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rating Systems	Server
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Topology	
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Orchid VMS Platforms

Embedded

Embedded: ARM, MIPS

Standalone (single device)

Linux

Yes

Yes

Up to 1080p

Up to 15 fps

Orchid VMS is available as a fully-featured, self-hosted VMS for embedded devices such as IP cameras and single-board computers. Up to 4 recommended

Orchid VMS is available as a

standalone VMS for traditional servers, as well as devices that use Intel processors, such as certain NAS drives. Unlimited x86_64 (Intel-compatible) Linux, Windows, Windows Server Unlimited Unlimited Standalone (single server) Yes



Using Fusion Hypervisor, multiple Orchid VMS servers can form the backbone of a fully distributed, multi-server VMS system.

Unlimited
x86_64, ARM, MIPS
Linux, Windows, Windows Server
Unlimited
Unlimited
Distributed (multiple servers or device
Yes
Yes



Accessibility

Touch-Capable UI OS Independence Multiple Locations

Key Features

Yes



Adaptability

Hardware Flexibility ONVIF Profile S Conformant Open RESTful API



Simplicity

No External Dependencies Installs in Seconds Bulk Camera Registration



Security

SRTP Video & Audio Encryption HTTPS Web Encryption Orchid Certificate Service

Orchid | Video Management Software



Standalone Architectures

Orchid's standalone architecture leverages a single server or embedded device per location with IP cameras or encoders on a local network. Orchid supports remote access via web browsers on workstations or mobile devices.



Distributed Architecture

Orchid's distributed architecture uses Fusion Hypervisor to aggregate live and recorded video from multiple Orchid VMS servers into a single user interface. Like Orchid, Fusion Hypervisor is cross-platform and may be hosted in the cloud or on-premise.

Orchid Capabilities

Supported Browsers	Chrome, Safari, IE, Firefox, Opera	User Management	Unlimited User Accounts with Fixed Roles
Client Operating Systems	Android, iOS, Linux, Windows, OS X	Pan-Tilt-Zoom	Digital and Optical
Language	English, extensible via SDK	Search Analysis	Timeline Bar with Motion Events
Video Codecs	MJPEG, MPEG-4, H.264	Playback	Simultaneous Live and Recorded
Audio Codecs	AAC, G.711	Export Format	MKV, MOV
Web Security	HTTPS Web and API Encryption	Recording Modes	Continuous, Motion-Only, Motion Variable Frame Rate
Video Security	SRTP Video and Audio Encryption	Reports	Health and Troubleshooting
Video Retention	Configurable per Camera	Network	Gigabit Recommended



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Support Overview	Hall Exit	7.6 days (47.8 GiB / day)	Automatic		
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Current Detertion					