QULU VMS AND SERVERS

Elegantly simple, Ultimately scalable

qulu

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Enter a new era of power, performance and freedom with Vista's video management software, qulu. Designed to offer the most efficient performance on the market today, this revolutionary software allows users to interact with video like never before.

Behind the clean, simple, intuitive front end, lies a comprehensive range of features – all easily accessible through a single common interface.

Features

QUICK INSTALLATION

The small download size and optimised camera settings function means that installation times are massively reduced. qulu will discover cameras on your network and automatically configure them for you. Each time a new camera is added to the system, it will be discovered and configured automatically.

A USER INTERFACE YOU'LL WANT TO USE

qulu is designed entirely around the user experience. We've not based it around anything else in the industry, we've designed it around you - that's why it's so intuitive, simple and easy to use. You won't need extensive training courses, you just need to start using the software. You'll be amazed by how quickly you're interrogating video like never before.

TRULY CROSS PLATFORM

The versatility and flexibility of qulu ensures that it can fit in just about anywhere – including Windows Workstations and Servers, Linux Workstations and Servers and, for viewing only, on Apple OS X client.

If you love your mobile device then you'll love qulu. qulu mobile is available free of charge for Apple and Android devices, providing you with access to live and recorded video – whenever and wherever you are.

PACKING A SERIOUS PUNCH

Making software powerful, whilst preserving its simplicity, requires the application of some seriously advanced technologies. qulu is packed full them. qulu is built on a rock-solid foundation that provides unparalleled stability and supports an industry-leading number of cameras on a single server. The software takes full advantage of multi-core processors and, combined with the incredible graphics capabilities, qulu gives you unprecedented video management power.

AUTOMATIC FAILOVER

Should a server on a qulu system fail, the cameras will be immediately transferred to available servers within the system. Once the failed server is repaired and becomes available again, the cameras will return to their original server and qulu will attempt to recover any lost recordings.

VIDEO WALL/REMOTE MONITOR

Users can interact with an unlimited number of video wall/remote monitors in real-time from any connected client machine, providing improved situational awareness of customers' sites.

SINGLE CLICK, SYSTEM-WIDE UPGRADES

System administrators can upgrade an entire system (all servers and clients in a system, regardless of operating system or device type) to a newer version or to a specific build from any client connected to the system.

NO SINGLE POINT OF FAILURE - CLUSTERING

All servers in a system continuously synchronise configuration settings, creating a reliable cluster of servers and a system that allows operators to connect to any server at any time to view the entire system. This, in turn, creates a system capable of adapting to failures in real-time and ensures that there is no single point of failure.

INTEGRATION WITH PAXTON ACCESS CONTROL

Video from qulu can be linked to events in the Paxton Access Control system. Video footage can be viewed and exported directly from within the Paxton Net2 software interface.

THIRD PARTY DEVELOPMENTS

Third party developers can use the included SDK & API to access nearly every feature of the software. Plus, camera manufactures can create a method for discovering, displaying, analysing and recording video from virtually any live or recorded video source.

OVERVIEW

LIVE VIEW AND MONITORING
- Enterprise camera and server monitoring
- Real-time auto camera discovery
- Seamless playback from live to archive
- Advanced video wall system
- Visual event notifications
- PTZ controls (including absolute positioning)
- Quick video export
- Multi-video export
- Live health system monitoring

RECORDING AND PLAYBACK
- Continuous recording
- Event-based recording
- Post/pre alarm recording (user-defined)
- Easy recording settings (ability to set days/hours)
- Motion recording
- Ability to assign same schedule to multiple cameras
- Playback controls (frame by frame, forward, back, jump to live, etc.)
- Displays any codec and digital format
- Audio recording
- Failover

RULE MANAGER
- E-mail notifications with embedded links
- Easy event, alarm and notification settings
- Event log search
- Real-time event alert

USER INTERFACE
- No grid presets – fully customisable layouts
- Dark and light skin options
- Pan-temporal timeline
- Ability to drag and drop camera onto layouts
- Sliding menu and help bars
- Image and video enhancement
- Digital e-mapping
- Camera snapshot preview
- Hot keys for main actions
- Videowall

SEARCH
- Event search
- File search
- Index search and tagging
- Calendar search
- Thumbnail search
- Timeline search
- Smart search
- Motion search
- Event log search

SYSTEM MONITORING
- Advanced dual-streaming dynamic bandwidth optimisation
- Enterprise client-server architecture
- Advanced hardware acceleration
- Client auto login
- RTSP stream support

Server clustering
- Server clustering
- Single-click upgrade
- Camera diagnostics
- Enterprise health monitoring

USER MANAGEMENT
- Simplified network configuration
- Easily-defined custom user presets/rules
- Enterprise user management
- Remote user login

VIDEO INTELLIGENCE
- Forensic zoom-in capabilities
- Motion detection
- "Forensic SpyGlass" zoom windows
- Advanced motion search
- Optimised fisheye dewarping

STORAGE
- System backup
- Easy archive restore

MOBILE CLIENT
- iOS
- Android

PLATFORM COMPATIBILITY
Support for Windows Vista, Windows 7 and 8, Ubuntu Linux, Windows Server Family, Mac, Android and iOS

OPERATING SYSTEM COMPATIBILITY – 64Bit

	qulu client	qulu server
Windows 7 Pro	✔	✔
Windows 8 Pro	✔	✔
Windows Server 2008 R2 SP2	X	✔
Windows Server 2012 R2	X	✔
Mac OS X Mavericks/Yosemite	✔	X
Ubuntu Linux 12.04	✔	✔
Virtual Machine	X	X

RECOMMENDED SERVER HARDWARE

16 Cameras	Minimum System Requirements: 2GB memory, 500GB hard drive, Dual core Intel Atom, 1 Gbit NIC
64 Cameras	Average System Requirements: 2GB memory, 2TB hard drive, Intel i3 Dual Core, 1 Gbit NIC
128 Cameras	High Performance System Requirements: 4GB memory, 4+TB hard drive, Intel i5 Dual Core, 1 Gbit NIC

**Refer to online qulu recording calculator for exact specification.
Visit www.vista-cctv.com/qulu_calculator**

RECOMMENDED CLIENT WORKSTATION HARDWARE

Minimum System Requirements: 2GB memory, 500GB hard drive, Intel i5 Dual Core, 1 Gbit NIC, Intel HD video card

Average System Requirements: 4GB memory, 500GB hard drive, Intel i5 Dual Core, 1 Gbit NIC, Nvidia GTX 480 video card

High Performance System Requirements: 4GB memory, 500GB hard drive, Intel i7 Quad Core, 1 Gbit NIC, Nvidia GTX 480 video card

Video card driver must support OpenGL 2.0 or above

qulu Servers

Vista has teamed up with global leader HP to develop a range of high quality, reliable servers for use with qulu. All servers are backed up by HP's full support services and a three year next business day guarantee as standard.

MICROSERVER

A small, quiet and stylishly designed server that is an ideal solution for supporting up to 32 IP cameras and 12TB of storage onboard. Designed to allow easy accessibility and simple set up, it helps businesses drive down their expenses while continuing to provide the same great qulu experience.

QULU 1 SERIES

Delivers the right balance of performance, storage, reliability, manageability and efficiency in a dense and compact rack mount chassis. Designed to meet the needs of customers wanting to manage up to 128 IP cameras with up to 24TB of onboard storage.

QULU 2 SERIES

Provides ample storage in a 2U rack mount chassis to meet the needs of customers wanting to manage up to 128 IP cameras with larger storage requirements of up to 66TB.

Ordering Information

QULU SERVERS

Quick Ref	Part Number	Format	Cameras Managed	Raw Storage	RAID 5 Raw Storage	Network Cards	Max Video Throughput (Network)	Warranty
0750300	qulu-SM-6TB	MicroServer	32	6TB	Mirror Only	2 x 1Gbit	580Mbits	3 year NBD
0750310	qulu-SM-12TB	MicroServer	32	12TB	Mirror Only	2 x 1Gbit	580Mbits	3 year NBD
0750320	qulu-SR1-12TB	1U	128	12TB	9TB	2 x 1Gbit	1000Mbits	3 year NBD
0750330	qulu-SR1-24TB	1U	128	24TB	18TB	2 x 1Gbit	1000Mbits	3 year NBD
0750340	qulu-SR2-33TB	2U	128	33TB	30TB	2 x 1Gbit	1000Mbits	3 year NBD
0750350	qulu-SR2-44TB	2U	128	44TB	40TB	2 x 1Gbit	1000Mbits	3 year NBD
0750360	qulu-SR2-66TB	2U	128	66TB	60TB	2 x 1Gbit	1000Mbits	3 year NBD

QULU SOFTWARE

Quick Ref	Part Number	Type of license
0480800	L01-QULU-001	Single camera license
0480810	L01-QULU-010	Camera license - 10 pack
0480820	L01-QULU-020	Camera license - 20 pack
0480850	L01-QULU-050	Camera license - 50 pack
0480900	L01-QULU-100	Camera license - 100 pack
0480910	L01-QULU-WALL	qulu video wall license (1 user, 2 video wall monitors)

QULU SERVER UPGRADES

Quick Ref	Part Number	Description
0726130	qulu-SRV-ilo	iLo upgrade for email notification/remote console

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—— Elegantly simple, Ultimately scalable ——

Visit **www.vimeo.com/vistacctv/qulu** now to view the
demonstration video or download your free 30 day
trial from **www.vista-cctv.com/product/qulu**.

VERSION 2: 07/15

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