VICON
Simple Solutions for a Complex World

Upgrades to Valerus Hardware *offer Higher Performance*

New i7 class processors and additional RAM improve display and recording performance

In order to offer a greater spectrum of display and recording performance and provide higher functionality in today's demanding video management environments, Vicon has upgraded its entire line of Valerus Application Servers, Recording Servers and Client Stations to i7 class processors and increased RAM total to 16GB.

Benefits

Increasing memory speeds program functionality and allows for more data to be loaded at once (for smoother performance); upgrading the processor boosts performance where data processing is required.

The Valerus hardware must handle demanding media processing workloads such as video color conversion, video encoding, video decoding, video scaling and display, storing video onto the hard disk, video packetization for streaming, as well as running the Valerus software video management GUI as the interface for live video viewing, access control and data storage management. Upgrading server infrastructure improves relative performance, consolidation, management efficiency and reliability.

Improvements

Performance improvements include a greater display capability of more cameras and increased resolution as well as faster response to highly demanding multi-camera applications. These new configurations are also capable of supporting a mixture of Valerus and Vicon's new Valerus SmartAnalytics suite, saving on the potential costs of dedicated hardware for each.

This new class of servers will be available in early October. Older i5 class units will be available until inventory runs out that time period. Model numbers, descriptions and new pricing for these products are listed below. Please see Vicon's website for updated specifications on all models.

Models and Descriptions

Model	Product Code	Description
Valerus Hardware		
VLR-APPSRV-A	10453-05	Application Server PC with i7 processor and 16 GB RAM preloaded with Valerus application server software; includes Web Server; desktop
VLR-APPSRV-A-RK	10453-15	Application Server PC with i7 processor and 16 GB RAM preloaded with Valerus application server software; includes Web Server; rack mount
VLR-CLIENT-A	10454-02	Viewing Station with i7 processor and 16 GB RAM for viewing and operating Valerus VMS; 2 monitor outputs; desktop
VLR-CLIENT-A-RK	10454-12	Viewing Station with i7 processor and 16 GB RAM for viewing and operating Valerus VMS; 2 monitor outputs; rack mount
VLR-CLIENT-4-A	10454-07	Viewing Station with i7 processor and 16 GB RAM for viewing and operating Valerus VMS; 4 monitor outputs; desktop
VLR-CLIENT-4-A-RK	10454-17	Viewing Station with i7 processor and 16 GB RAM for viewing and operating Valerus VMS; 4 monitor outputs; rack mount
VLR-CLIENT-6-A	10454-22	Viewing Station with i7 processor and 16 GB RAM for viewing and operating Valerus VMS; 6 monitor outputs; desktop
VLR-CLIENT-6-A-RK	10454-27	Viewing Station with i7 processor and 16 GB RAM for viewing and operating Valerus VMS; 6 monitor outputs; rack mount
VLR-1TB-A	10450-02	RECORDING SERVER; for Valerus VMS system. Preloaded with software; 1 TB internal HDD storage; also for use with external RAID; desktop case. Vicon certified hardware with i7 processor and 16 GB RAM. *Requires separate device connection license.*
VLR-1TB-A-RK	10451-02	RECORDING SERVER; for Valerus VMS system. Preloaded with software; 1 TB internal HDD storage; also for use with external RAID; rack-mount. Vicon certified hardware with i7 processor and 16 GB RAM. *Requires separate device connection license.*
VLR-2TB-A	10450-07	RECORDING SERVER; for Valerus VMS system. Preloaded with software; 2 TB internal HDD storage; desktop case. Vicon certified hardware with i7 processor and 16 GB RAM. *Requires separate device connection license.*
VLR-2TB-A-RK	10451-07	RECORDING SERVER; for Valerus VMS system. Preloaded with software; 2 TB internal HDD storage; rack-mount. Vicon certified hardware with i7 processor and 16 GB RAM. Re*Requires separate device connection license.*
VLR-3TB-A	10450-12	RECORDING SERVER; for Valerus VMS system. Preloaded with software; 3 TB internal HDD storage; desktop case. Vicon certified hardware with i7 processor and 16 GB RAM. *Requires separate device connection license.*
VLR-3TB-A-RK	10451-12	RECORDING SERVER; for Valerus VMS system. Preloaded with software; 3 TB internal HDD storage; rack-mount. Vicon certified hardware with i7 processor and 16 GB RAM. *Requires separate device connection license.*
VLR-4TB-A	10450-17	RECORDING SERVER; for Valerus VMS system. Preloaded with software; 4 TB internal HDD storage; desktop case. Vicon certified hardware with i7 processor and 16 GB RAM. *Requires separate device connection license.*
VLR-4TB-A-RK	10451-17	RECORDING SERVER; for Valerus VMS system. Preloaded with software; 4 TB internal HDD storage; rack-mount. Vicon certified hardware with i7 processor and 16 GB RAM. *Requires separate device connection license.*

Simple Solutions for a Complex World

Models and Descriptions, Continued

Model	Product Code	Description
Valerus Hardware		
VLR-6TB-A	10450-22	RECORDING SERVER; for Valerus VMS system. Preloaded with software; 6 TB internal HDD storage; desktop case. Vicon certified hardware with i7 processor and 16 GB RAM. *Requires separate device connection license.*
VLR-6TB-A-RK	10451-22	RECORDING SERVER; for Valerus VMS system. Preloaded with software; 6 TB internal HDD storage; rack-mount. Vicon certified hardware with i7 processor and 16 GB RAM. *Requires separate device connection license.*
VLR-8TB-A	10450-27	RECORDING SERVER; for Valerus VMS system. Preloaded with software; 8 TB internal HDD storage; desktop case. Vicon certified hardware with i7 processor and 16 GB RAM. *Requires separate device connection license.*
VLR-8TB-A-RK	10451-27	RECORDING SERVER; for Valerus VMS system. Preloaded with software; 8 TB internal HDD storage; rack-mount. Vicon certified hardware with i7 processor and 16 GB RAM. *Requires separate device connection license.*
VLR-10TB-A	10450-32	RECORDING SERVER; for Valerus VMS system. Preloaded with software; 10 TB internal HDD storage; tower case. Vicon certified hardware with i7 processor and 16 GB RAM. *Requires separate device connection license.*
VLR-10TB-A-RK	10451-32	RECORDING SERVER; for Valerus VMS system. Preloaded with software; 10 TB internal HDD storage; rack-mount. Vicon certified hardware with i7 processor and 16 GB RAM. *Requires separate device connection license.*
VLR-12TB-A	10450-37	RECORDING SERVER; for Valerus VMS system. Preloaded with software; 12 TB internal HDD storage; tower case. Vicon certified hardware with i7 processor and 16 GB RAM. *Requires separate device connection license.*
VLR-12TB-A-RK	10451-37	RECORDING SERVER; for Valerus VMS system. Preloaded with software; 12 TB internal HDD storage; rack-mount. Vicon certified hardware with i7 processor and 16 GB RAM. *Requires separate device connection license.*
VLR-14TB-A	10450-42	RECORDING SERVER; for Valerus VMS system. Preloaded with software; 14 TB internal HDD storage; tower case. Vicon certified hardware with i7 processor and 16 GB RAM. *Requires separate device connection license.*
VLR-14TB-A-RK	10451-42	RECORDING SERVER; for Valerus VMS system. Preloaded with software; 14 TB internal HDD storage; rack-mount. Vicon certified hardware with i7 processor and 16 GB RAM. *Requires separate device connection license.*
VLR-16TB-A	10450-47	RECORDING SERVER; for Valerus VMS system. Preloaded with software; 16 TB internal HDD storage; tower case. Vicon certified hardware with i7 processor and 16 GB RAM. *Requires separate device connection license.*
VLR-16TB-A-RK	10451-47	RECORDING SERVER; for Valerus VMS system. Preloaded with software; 16 TB internal HDD storage; rack-mount. Vicon certified hardware with i7 processor and 16 GB RAM. *Requires separate device connection license.*
VLR-20TB-A	10450-57	RECORDING SERVER; for Valerus VMS system. Preloaded with software; 20 TB internal HDD storage; tower case. Vicon certified hardware with i7 processor and 16 GB RAM. *Requires separate device connection license.*
VLR-20TB-A-RK	10451-57	RECORDING SERVER; for Valerus VMS system. Preloaded with software; 20 TB internal HDD storage; rack-mount. Vicon certified hardware with i7 processor and 16 GB RAM. *Requires separate device connection license.*

Models and Descriptions, Continued

Model	Product Code	Description
Valerus Hardware		
VLR-8.5TB-R5-A	10452-70	1U RECORDING SERVER; for Valerus. Preloaded with NVR software; includes internal RAID with 12 TB raw storage and 8.5 TB usable storage and a redundant power supply; 4-bay; RAID5; rack-mount. Vicon certified hardware with i7 processor and 16 GB RAM. *Requires separate device connection license.*
VLR-11TB-R5-A	10452-75	1U RECORDING SERVER; for Valerus. Preloaded with NVR software; includes internal RAID with 16 TB raw storage and 11 TB usable storage and a redundant power supply; 4-bay; RAID5; rack-mount. Vicon certified hardware with i7 processor and 16 GB RAM. *Requires separate device connection license.*
VLR-17TB-R5-A	10452-80	1U RECORDING SERVER; for Valerus. Preloaded with NVR software; includes internal RAID with 24 TB raw storage and 17 TB usable storage and a redundant power supply; 4-bay; RAID5; rack-mount. Vicon certified hardware with i7 processor. *Requires separate device connection license.*
VLR-22TB-R5-A	10452-85	1U RECORDING SERVER; for Valerus. Preloaded with NVR software; includes internal RAID with 32 TB raw storage and 22 TB usable storage and a redundant power supply; 4-bay; RAID5; rack-mount. Vicon certified hardware with i7 processor and 16 GB RAM. *Requires separate device connection license.*
VLR-34TB-R5-A	10452-90	1U RECORDING SERVER; for Valerus. Preloaded with NVR software; includes internal RAID with 48 TB raw storage and 34 TB usable storage and redundant power supply; 4-bay; RAID5; rack-mount. Vicon certified hardware with i7 processor and 16 GB RAM. *Requires separate device connection license.*
VLR-53TB-R5-A	10506-00	2U RECORDING SERVER; for Valerus. Preloaded with NVR software; includes internal RAID with 64 TB raw storage and 53 TB usable storage and redundant OS and power supply; 8-bay; RAID5; Xeon E3 processor and 16 GB RAM; rack-mount. Vicon certified hardware. *Requires separate device connection license.*
VLR-62TB-R5-A	10506-05	2U RECORDING SERVER; for Valerus. Preloaded with NVR software; includes internal RAID with 72 TB raw storage and 62 TB usable storage and redundant OS and power supply; 12-bay; RAID5; Xeon E3 processor and 16 GB RAM; rack-mount. Vicon certified hardware. *Requires separate device connection license.*
VLR-83TB-R5-A	10506-10	2U RECORDING SERVER; for Valerus. Preloaded with NVR software; includes internal RAID with 96 TB raw storage and 83 TB usable storage and redundant OS and power supply; 12-bay; RAID5; Xeon E3 processor and 16 GB RAM; rack-mount. Vicon certified hardware. *Requires separate device connection license.*
VLR-104TB-R5-A	10506-15	2U RECORDING SERVER with i7 processor and 16 GB RAM; for Valerus. Preloaded with NVR software; includes internal RAID with 120 TB raw storage and 104 TB usable storage and redundant OS and power supply; 12-bay; RAID5; Xeon E3 processor; rack-mount. *Requires separate device connection license.*
VLR-125TB-R5-A	10506-20	2U RECORDING SERVER; for Valerus. Preloaded with NVR software; includes internal RAID with 144 TB raw storage and 125 TB usable storage and redundant OS and power supply; 12-bay; RAID5; Xeon E3 processor and 16 GB RAM; rack-mount. Vicon certified hardware. *Requires separate device connection license.*

Models and Descriptions, Continued

Model	Product Code	Description
Valerus Hardware		
VLR-174TB-R5 -A	10506-25	4U RECORDING SERVER; for Valerus. Preloaded with NVR software; includes internal RAID with 192 TB raw storage and 174 TB usable storage and redundant OS and power supply; 24-bay; RAID5; Xeon E3 processor and 16 GB RAM; rack-mount. Vicon certified hardware. *Requires separate device connection license.*
VLR-218TB-R5-A	10506-30	4U RECORDING SERVER; for Valerus. Preloaded with NVR software; includes internal RAID with 240 TB raw storage and 218 TB usable storage and redundant OS and power supply; 24-bay; RAID5; Xeon E3 processor and 16 GB RAM; rack-mount. Vicon certified hardware. *Requires separate device connection license.*
VLR-262TB-R5-A	10506-35	4U RECORDING SERVER; for Valerus. Preloaded with NVR software; includes internal RAID with 288 TB raw storage and 262 TB usable storage and redundant OS and power supply; 24-bay; RAID5; Xeon E3 processor and 16 GB RAM; rack-mount. Vicon certified hardware. *Requires separate device connection license.*
VLR-VN-GW-A	10453-30	VALERUS-VICONNET GATEWAY SERVER; PC preloaded with Gateway and required VIconNet software; desktop case. Vicon certified hardware with i7 processor and 16 GB RAM. *Requires separate Gateway license.*
VLR-VN-GW-RK	10453-35	VALERUS-VICONNET GATEWAY SERVER; PC preloaded with Gateway and required ViconNet software; rack-mount. Vicon certified hardware. *Requires separate Gateway license.*

Maintenance Made Easy

STAY UP-TO-DATE WITH UPGRADE PROTECTION PLANS (UPP): If you're a current subscriber to Vicon's powerful and affordable 1-, 3-, or 5-year Upgrade Protection Plans, you already know that you can download this latest version and take advantage of all the new features. Your Valerus system will automatically unlock these powerful capabilities without any updates to licensing.

WITHOUT A UPP. If you are not able to subscribe to the Upgrade Protection Plans, you can still take advantage of the platform enhancements and corrections by downloading this version and installing it. If the new features are exciting to you, simply contact Vicon for a quote on a system upgrade.

Please contact your regional sales rep or visit www.vicon-security.com for more information

VICON
Simple Solutions for a Complex World