Valerus - ViconNet

GATEWAY

HARDWARE/SOFTWARE PRODUCT AT A GLANCE

The Valerus-ViconNet Gateway Solution enables you to keep your investment in ViconNet while modernizing your system and taking advantage of the new Valerus VMS interface.

Legacy ViconNet VMS Platform

Gateway Module Solution

Open Platform, Browser-based Valerus VMS Platform

FEATURES

- Provides a simple migration path to bridge existing ViconNet® systems to Valerus VMS™

- Available as software only or preinstalled on Vicon certified hardware

- Supports existing ViconNet systems from 5.6d or later

- A single Gateway can support up to 500 ViconNet channels; multiple Gateways can be used to support ViconNet systems larger than 500 cameras

- For small ViconNet systems with 75 cameras or less, the Gateway can be combined onto the Valerus Application Server; for ViconNet systems with more than 75 cameras, a dedicated Gateway is required

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The Valerus-ViconNet Gateway Solution is a **NEW VALERUS MODULE** designed to allow bridging existing ViconNet systems to Valerus, offering a simple migration path.

Valerus-ViconNet Gateway Components

Software
- The Gateway module is a separate installation that is available for Valerus VMS (*starting version 18*)
- ViconNet 8.3 (*will be available from our website*)
- The Gateway can be installed on any computer meeting the minimum requirements (*similar to NVR*)

Hardware
- The Gateway can be purchased pre-installed on Vicon certified hardware; each Gateway requires a license
- Hardware specifications are similar to those of the Valerus Recording Server (NVR)

License
- The Gateway requires a license per Gateway computer
- The ViconNet installation on the Gateway does not require licensing

Minimum Requirements

- *ViconNet system connected via Gateway* needs to be at version 5.6d or higher (*older ViconNet versions are not supported*)
- The Gateway *is supported by Valerus version 18 and higher*
- *In systems where a dedicated Application Server* is used, the Gateway can run on that computer and support up to 75 ViconNet video channels
- For systems with more than 75 ViconNet video channels *a dedicated computer is required* to run the Gateway
- The ViconNet Gateway computer *must run on a 1Gbps network*

Capabilities

The Gateway connects to the ViconNet system and bridges a camera group (*group has to be set in the Nucleus*)

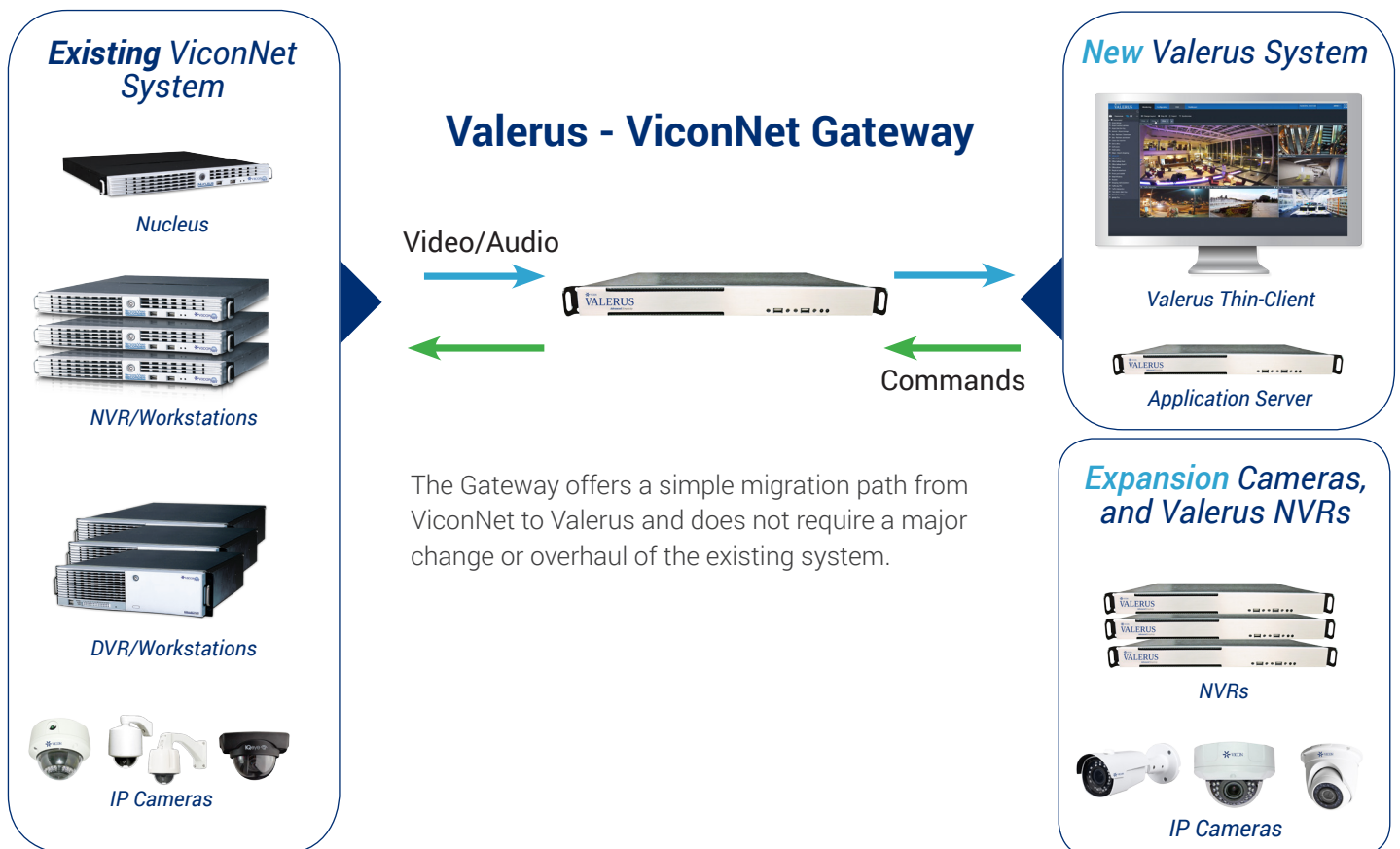*Functionality supported through the Gateway:*
- Live video / audio viewing (*can be used in views and tours as well*)
- Playback of video / audio recorded on the ViconNet devices
- Control of PTZ cameras on the ViconNet devices
- Dewarp supported 360° cameras on the ViconNet system
- Thumbnail and Museum Search of video recorded on the ViconNet devices
- Export through the Valerus interface
- All recordings and recording settings are still on ViconNet
- Each Gateway can support up to 500 ViconNet video channels (using multiple Gateways is supported)

Functionality Supported on Valerus for Channels Connected through the Valerus-ViconNet Gateway

Video and audio are pulled from the ViconNet VMS and sent to the Valerus clients transparently. The channels are handled by the Gateways and stream through them. On Valerus, the video and audio channels appear as any other resource and can be used exactly as if they are an IP camera connected directly to Valerus. The supported functionality for those channels is listed in the table. Note, other functionality is still possible on the ViconNet VMS.

Function	Supported	Comments
Live video/audio viewing	✓	Like any video/audio resource
Playback of recorded video/audio from the ViconNet system	✓	Includes Valerus timeline
Support for Events from the ViconNet system		Events only trigger on ViconNet
Control of Relay on the ViconNet system		Can only be triggered from ViconNet
Thumbnail Search of video on ViconNet system	✓	
Museum Search of video on ViconNet system	✓	
Export video through Valerus	✓	In the standard ONVIF format
Connecting Multiple Gateways	✓	
Application/Gateway Server combination	✓	Up to 75 ViconNet video channels
Control PTZ cameras on ViconNet system	✓	
Dewarp 360° cameras on ViconNet system	✓	
ViconNet VMS and channel configuration		Done from the ViconNet menus

Typical Gateway Solutions for Various Sized Systems

Existing ViconNet System

Nucleus

NVR/Workstations

DVR/Workstations

IP Cameras

Valerus - ViconNet Gateway

Video/Audio

Commands

The Gateway offers a simple migration path from ViconNet to Valerus and does not require a major change or overhaul of the existing system.

New Valerus System

Valerus Thin-Client

Application Server

Expansion Cameras, and Valerus NVRs

NVRs

IP Cameras

Valerus-ViconNet Gateway Specifications

PC Requirements	
Operating System:	Microsoft® Windows® 10, 64 bit; also supports Web Server 2012 and 2016
CPU:	Intel® i7 min. processor
Memory:	16 GB
Graphics:	256 MB RAM onboard
Network Interface:	100/1000 Mbps
Browser:	Must have Internet Explorer 11 min. or Firefox *(must support Active X)*
Electrical	
Input Voltage:	105\240 ±10% VAC, 50/60 Hz
Current:	0.66 A @ 115 VAC; 0.33 A @ 240 VAC
Power Consumption:	76 W nominal
Heat Output:	266 btu/hour
Power Connector:	Standard 3-conductor female socket
Mechanical	
Application:	Indoor
Mounting:	Rack-Mount or Desktop
Dimensions (HxWxD):	Rack-Mount: 1.75 x 19 x 16 in. (44.45 x 483 x 406 mm) Desktop: 6.59 x 2.13 x 6.59 in. (167.5 x 44 x 167.5 mm)
Weight:	Rack-Mount: 18.21 lb (8.3 kg); Desktop: 8.1 lb (3.7 kg)
Construction:	Steel and plastic
Environmental	
Operating Temperature:	32° to 104°F (0° to 40°C)
Humidity:	Up to 95% relative, non-condensing

Ordering Information

Model	Model Number
Gateway server preloaded with Gateway and required ViconNet software	VLR-VN-GW (Desktop)
	VLR-VN-GW-RK (Rack-Mount)
New license for Gateway	VLR-VN-GW-LIC
Upgrade license for existing Valerus systems	VLR-VN-GW-LIC-ADD

Pricing

Product Code	Model #	Description	MSRP
10453-20	VLR-VN-GW-A	Gateway Server preloaded with Gateway and required ViconNet software; requires separate Gateway license	$2,300
10453-25	VLR-VN-GW-A-RK	Gateway Server preloaded with Gateway and required ViconNet software; requires separate Gateway license; rack-mount	$3,100
10455-40	VLR-VN-GW-LIC	License for Valerus-ViconNet Gateway	$5,000
10455-45	VLR-VN-GW-LIC-ADD	Upgrade License for Valerus-ViconNet Gateway for existing Valerus systems	$5,000
10456-40	VLR-VN-GW-UPP-1	Upgrade Protection Plan for Valerus to ViconNet Gateway; 1 year; per device	$175
10456-50	VLR-VN-GW-UPP-3	Upgrade Protection Plan for Valerus to ViconNet Gateway; 3 year; per device	$500
10456-55	VLR-VN-GW-UPP-5	Upgrade Protection Plan for Valerus to ViconNet Gateway; 5 year; per device	$675

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