

Vicon Announces the Newest Release of Valerius VMS, version 18.2

Delivers Enterprise Performance with Video Analytics, NVR Failover and more.

Vicon Valerius™ version 18 was launched with great anticipation. Now with Valerius 18.2, Vicon delivers improved performance, NVR Failover technology and a video analytics solution!

As part of the 18.2 release, NVR Failover technology is introduced, offering the ability to set up and manage a backup NVR in case of NVR failure. This gives the customer peace of mind, knowing that data loss is no longer an issue with an automated system already in place to assume the role of a failed recording server.

Included in this release are also enhanced configuration options that include an improved rules engine that can respond to external events, tighter controls for system access authorizations and network-wide log collection and reporting.

New Features Snapshot

- NVR Failover
- Video Analytics Solution
- Configuration Enhancements
- New ENTERPRISE license tier

Another new feature is the Valerius **SmartAnalytics** solution that integrates video analytics with Valerius VMS, delivering advanced surveillance features for auto alarming on a wide variety of user-defined “rules” and advanced “SmartSearch” capabilities, as well as real-time Business Intelligence information.

Valerius **SmartAnalytics** and NVR Failover require the new ENTERPRISE license tier.

Details of the newly added features are highlighted below.

NVR FAILOVER TECHNOLOGY TO IMPROVE RELIABILITY

The addition of NVR Failover technology ensures a stable surveillance system that keeps video recording continuously, providing reliable performance. Valerius allows an NVR to be configured as a failover NVR to act as a backup in the case of an NVR failure.



NVR failover alleviates concerns regarding loss of data in case of failures and strengthens the dependability of the recorded data.

Valerus **SmartAnalytics** *Real-Time Video Analytics Solution*

The **SmartAnalytics** suite boasts a set of advanced, automated, video analysis tools that provide for the immediate detection and extraction of events and valuable data from surveillance footage, increasing the surveillance system's ROI, and improving overall security, safety and business operations.

These tools replace the manual and time-consuming tasks traditionally employed to monitor live video feeds or sift through recorded video. The tight integration of both video management and analytics makes the Valerus **SmartAnalytics** suite a smart and cost-effective surveillance solution across all industries, including retail, transportation, financial and commercial industries.

Valerus **SmartAnalytics** integrates with Vicon's Valerus VMS, enabling Valerus to receive, display and manage real-time events, delivering rich insights, real-time alerts and business intelligence to increase efficiencies and enhance safety and services. This suite of powerful analytical tools includes three separate modules, each offering their own unique capabilities.

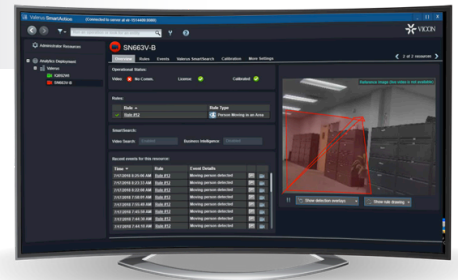
Each module can be purchased separately or bundled together to meet your specific analytics needs.

Key Features of Valerus **SmartAnalytics**

Valerus **SmartAction**

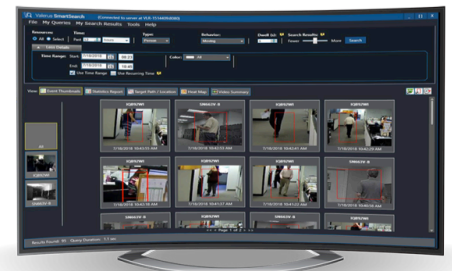
AUTOMATED REAL-TIME DETECTIONS AND ALERTS

Events of interest are automatically detected through real-time analysis of multiple video sources. The easy-to-use platform uses pre-defined behavior "rules" that monitor activity across hundreds of video channels, providing alerts and system reactions only when specific behaviors occur. Rules are defined by the user, such as entrance of a secured zone, vehicle stops on highway, or suspicious bag is left behind.



Valerus **SmartSearch**

INSTANTANEOUS VIDEO SEARCH – Masses of recorded video can be queried and events of interest may be located and extracted within seconds. Offered as a separate module or as a bundle with real-time analytics, SmartSearch offers options to search recorded video for specific events and objects of interest quickly, no other analytics required.



Valerus **Business Intelligence**

Statistical information regarding traffic volumes, traffic trends and motion patterns can be automatically generated from surveillance video. Transforms surveillance cameras into data collection devices, delivering automated statistical analysis about the behavior of people and vehicles. Statistical analysis tasks related to people and cars accurately recognize the movements of people and vehicles while ignoring motion not relevant to a scene.



For vehicles, measure traffic flow and calculate the average speed in a specific area, providing valuable insights into important aspects like traffic patterns.

Configuration Enhancements

Enhance system inputs and notifications to improve operator awareness

ADAM-6050 INTEGRATION

Valerus now supports the ADAM-6050 IP-based I/O device. This allows using dry contact inputs and outputs not tied to a specific camera. The device is added under the “Cameras and Devices” menu.

RECEIVE EXTERNAL TEXT EVENTS

Valerus can now accept external text strings from third-party systems (access control, LPR, POS, Intercom) to associate sensors with cameras. The sensors can trigger events in Valerus to speed up recording, pop-up a display window or sound an audio notification.

SYSTEM RESPONSE

Enhanced indication of an alarm. The alarm tab is now highlighted red and an alarm icon flashes on the top toolbar. In addition an alarm sound was added to draw the operator's attention.

UPDATED AUTHORIZATION FOR ADDED SECURITY

The authorization system now provides a more robust security level. Instead of every resource allowing access (*live, playback, etc.*) by default, it will now block access. The User Groups are replaced with “Roles” that define a template of authorizations to which users can be added. This change was made to benefit large deployments where many users need limited access to the system.

ENHANCEMENT UPDATES

Enhanced configuration options that have been added include an improved rules engine that can respond to external events, tighter controls for system access authorizations and network-wide log collection and reporting.

CONFIGURATION LANDING HOME PAGE

Added a landing Home page when entering the Configuration area with clear icons per category.

DEVICES REPORT

Added report button to the devices screen that generates an Excel report of the devices, sorted by their hosting NVRs as well as a flat list.

MOVE/REPLACE CAMERAS

Allows moving a camera or device from one NVR to another, usually for load balance purposes. Supports the ability to replace a camera already in the system with a new one (*MAC address change*). Same model cameras will take all older settings; a different model camera will need to be reconfigured.

SUPPORT 3RD STREAM FROM CAMERA

For cameras that support more than two streams, added the ability to configure those streams; this requires the user to define the desired stream. The system shows the options supported by the camera as to what can be added.

BUILT-IN LOG COLLECTION

A log collection option is now available, which allows the retrieval of system logs from all Valerus PCs, making it easier to troubleshoot potential issues.

NEW ENTERPRISE TIER: Real-Time Events plus Search

A third commercial license tier has been added to support large-scale system requirements. The new ENTERPRISE tier is built for large scale enterprise solutions. Now introduced with NVR Failover and server-based analytics, future additions include interactive maps and event integration framework.

VALERUS VMS TIER COMPARISON CHART

Simple and Cost-Effective Licensing
Tier Options to Meet Your Specific Needs

TRY

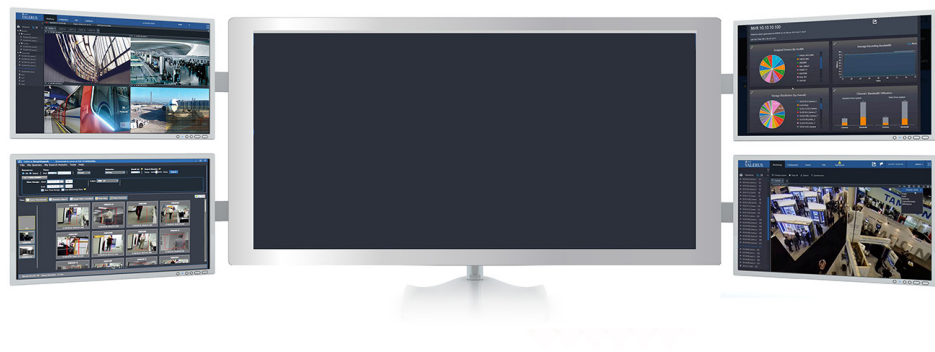
CORE

PRO

ENTERPRISE

GENERAL OPERATIONAL PARAMETERS				
Maximum number of devices per system	6	35	Unlimited	Unlimited
Maximum number of simultaneous clients	5	10	Unlimited	Unlimited
Maximum number of supported devices	6	35	Unlimited	Unlimited
Museum Search	–	–	Yes	Yes
Support Valerus server-based SmartAnalytics/SmartSearch	–	–	–	Yes
Recording server failover	–	–	–	Yes
Events Framework Search	–	–	Yes	Yes
Microsoft Active Directory support	–	–	Yes	Yes
Support analog HD video (AHD)	Yes, w/Valerus encoder	Yes, w/Valerus encoder	Yes, w/Valerus encoder	Yes, w/Valerus encoder
Application server failover	–	–	Yes	Yes

Download Valerus



Check out the Advanced Simplicity of [Valerus VMS Overview Video](#)
Evaluate the power and simplicity of Valerus 18.2 Available Now

Valerus Licensing Tiers

Model	Product Code	Description
Valerus Licensing		
VLR-VCORE-LIC	10455-20	VALERUS CORE LICENSE; single edge device new license for use with Vicon cameras and single-channel encoder
VLR-VCORE-LIC-ADD	10455-30	VALERUS CORE LICENSE ADD-ON; single edge device license to add-on to existing license; for use with Vicon cameras and single-channel encoder
VLR-CORE-LIC	10455-00	VALERUS CORE LICENSE; single edge device new license for use with third party cameras/ encoders including the VLR-ENC-16
VLR-CORE-LIC-ADD	10455-10	VALERUS CORE LICENSE ADD-ON; single edge device license to add-on to existing license; for use with third party cameras/encoders including the VLR-ENC-16
VLR-VPRO-LIC	10455-25	VALERUS PRO LICENSE; single edge device new license for use with Vicon cameras and single-channel encoder
VLR-VPRO-LIC-ADD	10455-35	VALERUS PRO LICENSE ADD-ON; single edge device license to add on to existing licenses; for use with Vicon cameras and single-channel encoder
VLR-PRO-LIC	10455-05	VALERUS PRO LICENSE; single edge device new license for use with third party cameras/ encoders including the VLR-ENC-16
VLR-PRO-LIC-ADD	10455-15	VALERUS PRO LICENSE ADD-ON; single edge device license to add on to existing license; for use with third party cameras/encoders including the VLR-ENC-16
VLR-VENT-LIC	10455-27	VALERUS ENTERPRISE LICENSE; single edge device new license for use with Vicon cameras and single-channel encoder
VLR-VENT-LIC-ADD	10455-37	VALERUS ENTERPRISE LICENSE ADD-ON; single edge device license to add on to existing licenses; for use with Vicon cameras and single-channel encoder
VLR-ENT-LIC	10455-07	VALERUS ENTERPRISE LICENSE; single edge device new license for use with third party cameras/encoders including the VLR-ENC-16
VLR-ENT-LIC-ADD	10455-17	VALERUS ENTERPRISE LICENSE ADD-ON; single edge device license to add on to existing licenses; for use with third party cameras/encoders including the VLR-ENC-16
Redundant Application Server Licenses		
VLR-REDSRV-LIC	10455-50	VALERUS LICENSE FOR REDUNDANT APPLICATION SERVER; for new Valerus system
VLR-REDSRV-LIC-ADD	104155-55	VALERUS UPGRADE LICENSE FOR REDUNDANT APPLICATION SERVER; for existing Valerus Systems; to provide activation key

LICENSE INFORMATION:

Model	Product Code	Description
Valerus-ViconNet Gateway		
VLR-VN-GW-LIC	10455-40	VALERUS-VICONNET GATEWAY LICENSE; bridge existing ViconNet system to a new Valerus system
VLR-VN-GW-LIC-ADD	10455-45	UPGRADE VALERUS-VICONNET GATEWAY LICENSE; bridge existing ViconNet system to an existing Valerus system
VLR-VN-GW-UPP-1/-3/-5	10456-40/-50/-55	UPGRADE PROTECTION PLAN; for Valerus-ViconNet Gateway; 1/3/5-year; per device
VLR-VN-GW	10453-20	VALERUS-VICONNET GATEWAY SERVER; PC preloaded with Gateway and required ViconNet software; desktop case. Vicon certified hardware. Requires separate Gateway license.
VLR-VN-GW-RK	10453-25	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

