Valerus Running Service Indications

XX285-50-01

VICON VALERUS
Advanced Simplicity

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General

Vicon® Valerus™ VMS is an advanced video management solution designed to operate on IP networks and uses a standard web browser as its client.

Like any network based system, the VMS offers an option to connect to it over the Internet, virtually from any place that has access to the World Wide Web.

This document will explain some of the challenges involved in such access and the simple solutions integrated into Valerus to resolve them.

Valerus Topology

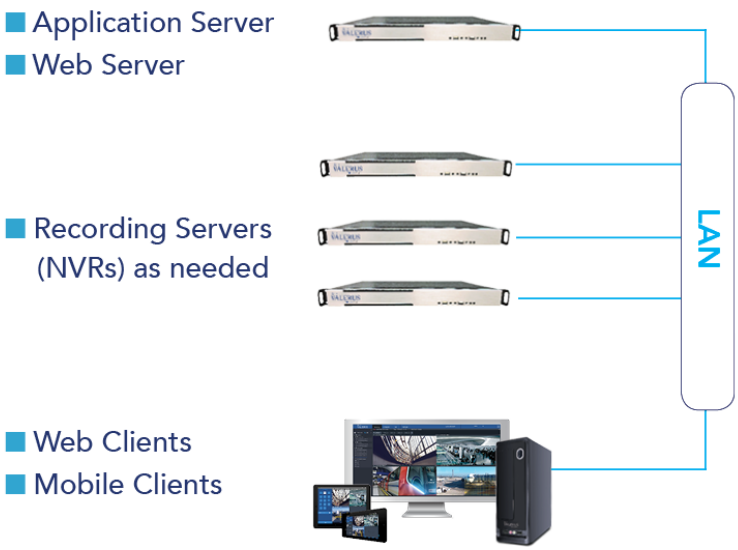
The Valerus VMS is built from several modules:

- Application and Web Server – The “brains” of the system holding global information and database as well as running the web server used by the web clients.
- Recording Servers (NVRs) – The recording servers handle live streaming of video and audio to clients as well as recording and playback.
- Client Application – Thin client using a web browser.

Depending on the specific system layout, the different modules can be deployed in various ways:

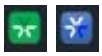
- All-in-One – In this deployment, a single PC runs the application and web server, the recording server and, if need be, the client. An example for such a system would typically be for smaller installations where the minimum number of PCs is required.

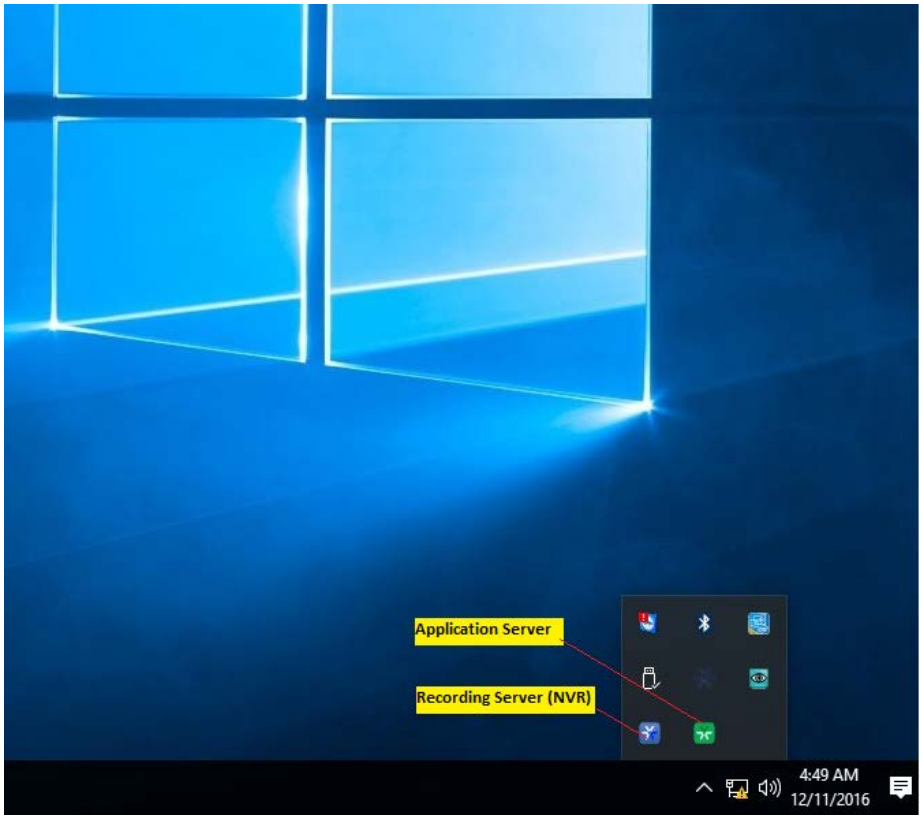
- Separate Application Server – Installing the Application Server on its own dedicated hardware is a deployment method that can be used in the following cases:
  - Server is hosted in a different location on the network.
  - In a system that has more than 150 IP devices, Vicon recommends a separate application server to allow all computer resources to be used by it.
  - System design calls for a dedicated server.
- Separate Recording Server – Running only the recording server on a PC will be the most common scenario, as multiple NVRs can be part of a system either to support all devices or because different devices run on different parts of the network.



Running Service Indication

When installing Valerus and selecting the specific configuration (All-In-One, Application Server or Recording Server) the Installation process will add the appropriate service monitoring icons to the Windows® system tray:

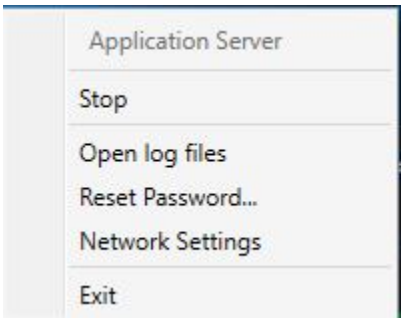
- For an Application Server a green icon will be added 
- For a Recording Server a blue icon will be added 
- For an All-in-One system both the green and the blue icons will be added 



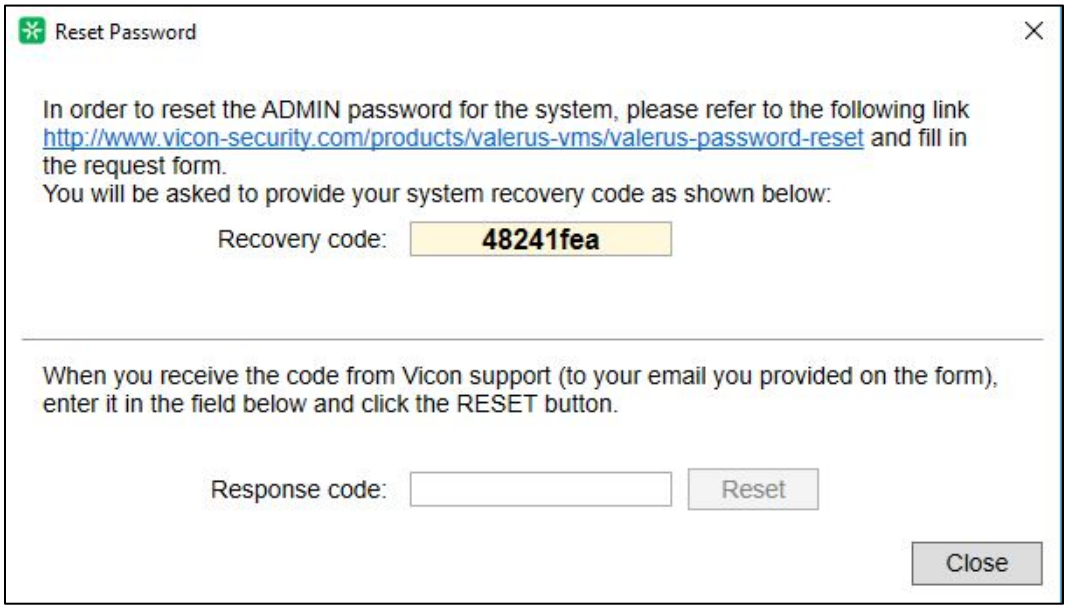
These icons allow quick indication of the specific service, saving the need to go into the Windows services when there is a need to stop or start the services.

Double clicking or right clicking on any of these icons will open a list of actions supported for this service.

Application Server Actions:

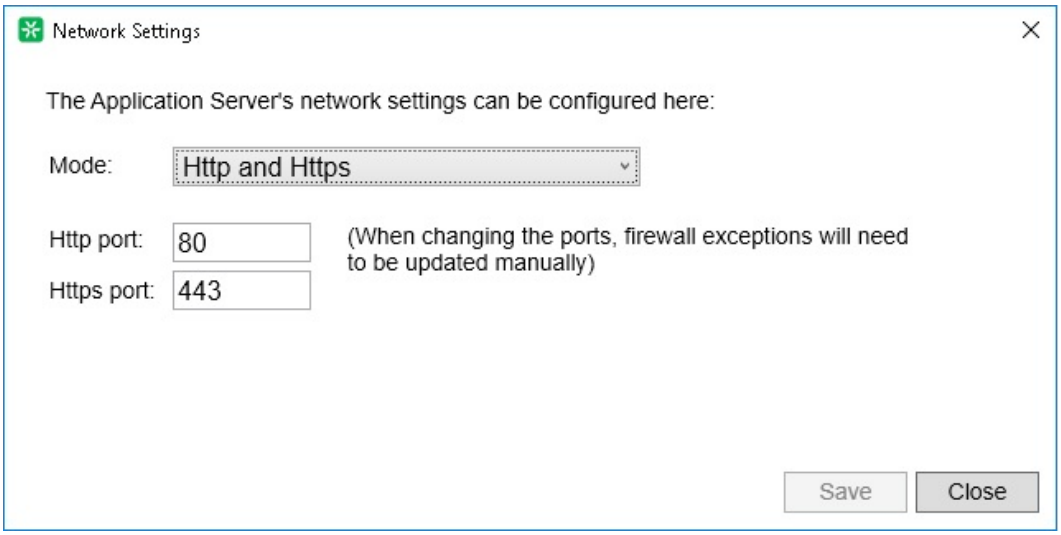


- Stop and start the service – The application server is set to start automatically and stay running all the time. If for any reason there is a need to stop the service, you can easily do it from here.
    - Once the service is stopped, you will notice the green icon will stop spinning
    - Once the service is stopped, the option will change to start allowing you to start the service back up
- Open log files- This option will open the Application Server log files folder, allowing the collection of log files for support purposes.
- Reset password – In case the system has been locked up with an administrator password and that password has been lost, this option will allow creating a request to Vicon Technical Support for a password reset.
    - Selecting this option will open a window with a link to the password request page on the Vicon web site (click on the link for online access or copy and browse from any computer) and a recovery code to submit with the request (caps sensitive)
    - Vicon support will review the request and may contact you for further details to ensure resetting the password is indeed legitimate
    - When provided a response code (caps sensitive), you will need to enter it and click “reset”
    - After resetting, ADMIN password will be set back to its default 1234. Make sure to change it once logged back in.



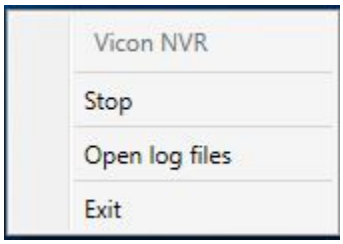
- Network Settings – Selecting this option will open a window with the following settings:
  - Network mode – HTTP, HTTP and HTTPS and HTTPS.
  - Ports – Set the required ports for HTTP and HTTP communication

  Read more about secured browsing and creating/using certificates in the “Secured Browsing” manual.



- Exit – Selecting this option will close the Application Server indication icon but will leave the service at the state (started or stopped) it was in prior to exiting. It is recommended to keep the indicator running.

Recording Server (NVR) actions:



- Stop and start the service – The recording server is set to start automatically and stay running all the time. If for any reason there is a need to stop the service, you can easily do it from here.
  - Once the service is stopped, you will notice the blue icon will stop spinning
  - Once the service is stopped, the option will change to start allowing you to start the service back up
- Open log files- This option will open the Recording Server log files folder, allowing the collection of log files for support purposes
- Exit – Selecting this option will close the Recording Server indication icon but will leave the service at the state (started or stopped) it was in prior to exiting. It is recommended to keep the indicator running.

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