The Valerus Video Management System is a powerful yet easy-to-use open platform that offers several levels designed to provide the right balance of cost and functionality.

This comparison is designed to help understand Valerus’ overall capabilities and to help select the right tier for each specific application. A quick review of the table below reveals the depth of features included in Valerus, while our development roadmap continues to expand Valerus with each new revision. With the ENTERPRISE tier, Valerus is capable of supporting the largest, most complex systems in any vertical market.

With a feature list this deep, it’s easy to think Valerus may be too complex, but that’s not the case. Valerus was designed to be the easiest VMS platform available, and its success has proven that a focus on simplicity was the right choice. With advanced auto-detection, setup and the most powerful features right at the operator’s fingertips, we believe you’ll be amazed at just how simple this complex system really is.

For further clarification, please refer to the Valerus technical specifications on the Vicon website.
Simple and Cost-Effective Licensing Tier Options to Meet Your Specific Needs

The table below provides an in-depth comparison outline of the features and capabilities included in the range of Valerus VMS license tiers. A no-cost tier for trial systems and fully functional demos is available (TRY version).

<table>
<thead>
<tr>
<th>GENERAL OPERATIONAL PARAMETERS</th>
<th>CORE</th>
<th>PRO</th>
<th>ENTERPRISE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum number of devices per system</td>
<td>35</td>
<td>Unlimited</td>
<td>Unlimited</td>
</tr>
<tr>
<td>Maximum number of simultaneous clients</td>
<td>10</td>
<td>Unlimited</td>
<td>Unlimited</td>
</tr>
<tr>
<td>Maximum number of supported devices</td>
<td>35</td>
<td>Unlimited</td>
<td>Unlimited</td>
</tr>
<tr>
<td>Maximum number of recording days</td>
<td>Unlimited</td>
<td>Unlimited</td>
<td>Unlimited</td>
</tr>
<tr>
<td>Support standard or RAID recording configurations</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Maximum number of recording devices per NVR</td>
<td>35</td>
<td>70 std, 100 RAID</td>
<td>70 std, 100 RAID</td>
</tr>
<tr>
<td>Duration of license</td>
<td>Perpetual</td>
<td>Perpetual</td>
<td>Perpetual</td>
</tr>
<tr>
<td>OS platform</td>
<td>Win 10/server</td>
<td>Win 10/server</td>
<td>Win 10/server</td>
</tr>
<tr>
<td>Operational in virtual configuration</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Global health dashboard</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Pre-configured integration with Vicon VAX Access Control</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Thumbnail Search</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Museum Search</td>
<td>–</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Events Framework Search</td>
<td>–</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Event Search</td>
<td>–</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Microsoft Active Directory support</td>
<td>–</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Requires thick client installation</td>
<td>–</td>
<td>–</td>
<td>–</td>
</tr>
<tr>
<td>Fully operational via browser</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Auto-configure easy set up</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Flexible event-based rules programming</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Adjust recording parameters based on event</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Global camera programming from single configuration</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Compression support including MJPEG, H.264 and H.265</td>
<td>ONVIF/RTSP</td>
<td>ONVIF/RTSP</td>
<td>ONVIF/RTSP</td>
</tr>
</tbody>
</table>
| Camera and encoder type                                             |               |               |               | www.vicon-security.com
## General Operational Parameters, continued

<table>
<thead>
<tr>
<th>Feature</th>
<th>CORE</th>
<th>PRO</th>
<th>ENTERPRISE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Support analog HD video (AHD)</td>
<td>Yes, w/Valerus encoder</td>
<td>Yes, w/Valerus encoder</td>
<td>Yes, w/Valerus encoder</td>
</tr>
<tr>
<td>Run multiple monitors from a single PC</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>View Live video; stream through NVR with failover to camera</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>View Playback</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Dewarp 360° cameras</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Triple streaming</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Multi-level groups</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Support Vicon edge analytics</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Support Valerus server-based SmartAnalytics/SmartSearch</td>
<td>–</td>
<td>–</td>
<td>Yes</td>
</tr>
<tr>
<td>Support Valerus from mobile application</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Export video</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Multi-level user authorization</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Supports IPv6 network topology</td>
<td>–</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Application server failover</td>
<td>–</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Recording server failover</td>
<td>–</td>
<td>–</td>
<td>Yes</td>
</tr>
<tr>
<td>Secure (HTTPS) client-server connection</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Support HTTPS camera connectivity</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Sequence preset Views into a saved Tour</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Playback with timeline and thumbnail view</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Trigger I/O events</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Compatible with ViconNet Gateway</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Response to VMD from cameras</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Control PTZ</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Audio: live and playback</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Keypad and PLC support</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### MONITORING TAB (Live, Playback, Search and Archive)

<table>
<thead>
<tr>
<th>Feature</th>
<th>CORE</th>
<th>PRO</th>
<th>ENTERPRISE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum number of cameras per single display pane</td>
<td>35</td>
<td>36</td>
<td>36</td>
</tr>
<tr>
<td>Maximum number of monitors per PC</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
<tr>
<td>View live cameras</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>View playback</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>View mix of Live and Playback video at same time</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Support live displays without recording</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Timeline and thumbnail view on playback for quick reaction</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Pause, FFW and FRW on playback</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Loop video on playback</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>
### Monitoring Tab, continued

<table>
<thead>
<tr>
<th>Feature</th>
<th>CORE</th>
<th>PRO</th>
<th>ENTERPRISE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bookmark video</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>View maps</td>
<td>–</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Detailed date and time selection for playback</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Synchronized playback of multiple cameras</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Thumbnail video search</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Museum video search</td>
<td>–</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Events Framework video search</td>
<td>–</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Event Search/Query Engine</td>
<td>–</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Number of preset display configurations</td>
<td>21</td>
<td>21</td>
<td>21</td>
</tr>
<tr>
<td>Digital zoom via mouse on live and playback with overview box</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Archive video in native format with Player or in standard MP4 format</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Archive multiple synced cameras in one zip file</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Archive directly from playback and search results</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Slow mode on playback</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Drag-n-drop cameras on display</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Drag-n-drop preset views with multiple cameras</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Display preset views upon event</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Maximum frame rate</td>
<td>60 fps</td>
<td>60 fps</td>
<td>60 fps</td>
</tr>
<tr>
<td>View multi-head cameras</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Dewarp 360° degree camera in multiple views while recording native image</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Display AHD cameras</td>
<td>Yes, w/Valerus encoder</td>
<td>Yes, w/Valerus encoder</td>
<td>Yes, w/Valerus encoder</td>
</tr>
<tr>
<td>Display saved URLs</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Display video from web streaming cameras</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Display preset video and tours upon event</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Display presets on Vicon edge analytics event</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Display presets on Valerus server-based SmartAnalytics event</td>
<td>–</td>
<td>–</td>
<td>Yes</td>
</tr>
<tr>
<td>Display analytics overlay</td>
<td>–</td>
<td>–</td>
<td>Yes</td>
</tr>
<tr>
<td>Support 4K monitors</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Audio live and playback</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Control PTZ</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Remove VMS masking on recorded video with proper credential</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Email notification of an event</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Display camera, view or tour upon event</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Sound audio notification upon event</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Go to PTZ preset upon event</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Pre/post alarm recording</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Control display remotely with PLC, keypad or software</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>MONITORING <em>(Live, Playback, Search and Archive)</em> Mobile Client</td>
<td>CORE</td>
<td>PRO</td>
<td>ENTERPRISE</td>
</tr>
<tr>
<td>---------------------------------------------------------------</td>
<td>------</td>
<td>-----</td>
<td>------------</td>
</tr>
<tr>
<td>OS platform</td>
<td>iOS &amp; Android</td>
<td>iOS &amp; Android</td>
<td>iOS &amp; Android</td>
</tr>
<tr>
<td>Maximum number of simultaneous cameras</td>
<td>4 (phone) 9 (pad)</td>
<td>4 (phone) 9 (pad)</td>
<td>4 (phone) 9 (pad)</td>
</tr>
<tr>
<td>View live</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>View playback</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>One-touch device selection <em>(cameras, views and tours)</em></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Drag-n-drop device selection</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Control PTZ</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>FFW, FRW and pause on playback</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Select date and time on playback</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Automatic 30 sec playback</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Select saved Views</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Select saved Groups</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>User Authentication</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Secure HTTPS client - server connection</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Camera, View and Group search</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td><strong>Settings</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Low bandwidth mode</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>I Frame mode</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Playback I Frame only</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Free</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CONFIGURATION TAB</th>
<th>CORE</th>
<th>PRO</th>
<th>ENTERPRISE</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Network Devices</strong> <em>(configuration of Application Server, NVRs and devices)</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Quick Configuration for auto discovery of NVRs and ONVIF devices</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Auto load balancing</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Manually add recorders and devices</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Manual or auto programming of recording parameters</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Set number of days for retention per channel</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Storage allocation adjustment for recording</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Remote configuration of recording servers</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Name each NVR</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Manually remove recorders and devices</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Name individual devices <em>(cameras and encoders)</em></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Auto identify manufacturer, model and type of camera <em>(ONVIF discovery)</em></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Save reference snapshot for future service requirements</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Auto or manual assignment of IP address</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Configure device settings in VMS</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>
## Resources

<table>
<thead>
<tr>
<th>Video Streams <em>(recording and display settings)</em></th>
<th>CORE</th>
<th>PRO</th>
<th>ENTERPRISE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Set each stream individually and apply to all similar cameras in one step</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Set key frame interval</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Set GOP size</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Set bit rate</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Set streaming to UDP, TCP or HTTP</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Create and save multiple privacy masks that can be removed post recording</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Set recording to Event, Continuous or Event plus Continuous</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Manual adjustment of picture settings <em>(brightness, contrast, sharpness)</em></td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Set expected retention time</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Access device webpage from VMS</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Audio</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>One-way audio - live and recording</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Maximum number of audio channels</td>
<td>Unlimited</td>
<td>Unlimited</td>
<td>Unlimited</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>I/O and Events</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardware configurable events</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Number of I/Os</td>
<td>Unlimited</td>
<td>Unlimited</td>
<td>Unlimited</td>
</tr>
<tr>
<td>Set name and description of each I/O</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Assign I/O actions to trigger events</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Activate I/O manually</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Views and Groups</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Create and name Views with different devices and in different display configurations</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Create, name and save Tours of different preset Views</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Activate Tours upon event or manually</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Set dwell time between preset Views in each Tour</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Create, name and save Groups of different devices for easy operator selection</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Assign same device to multiple Groups</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Groups can be created using cameras, encoders, views and tours</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Schedules and Events</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Create and name different schedules based on date and time</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Assign different yearly, monthly or daily repeat of each schedule period</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Select start time, end time and duration of schedule</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>
### Schedules and Events, continued

<table>
<thead>
<tr>
<th>Feature</th>
<th>CORE</th>
<th>PRO</th>
<th>ENTERPRISE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Create, name and save different Rules for system reaction</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Number of Rules allowed</td>
<td>Unlimited</td>
<td>Unlimited</td>
<td>Unlimited</td>
</tr>
<tr>
<td>Activate a Rule based on event or manually</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### Miscellaneous

<table>
<thead>
<tr>
<th>Feature</th>
<th>CORE</th>
<th>PRO</th>
<th>ENTERPRISE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assign unique numeric ID to each system resource</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Save various URLs for callup and display in Monitoring tab</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### User Management

<table>
<thead>
<tr>
<th>Feature</th>
<th>CORE</th>
<th>PRO</th>
<th>ENTERPRISE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Microsoft Active Directory integration</td>
<td>–</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Pre-configured Authorization Roles (Admin, Supervisor, Operator and Investigator)</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Manually create new Authorization Roles</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Enable/Disable high-level system authorizations to each Role</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Enable/Disable detailed resource authorizations to each Role</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Add/Edit Users</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Assign unlimited number of Users to each Authorization Role</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### Licensing

<table>
<thead>
<tr>
<th>Feature</th>
<th>CORE</th>
<th>PRO</th>
<th>ENTERPRISE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Licensing page with details of enabled features, UPP status, activation key and other vitals</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Online and Offline activation options</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Application Server redundancy configurator</td>
<td>–</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Events Database Settings</td>
<td>–</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### Maintenance

<table>
<thead>
<tr>
<th>Feature</th>
<th>CORE</th>
<th>PRO</th>
<th>ENTERPRISE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Software upgrade configurator (latest software version or Tier upgrade)</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Backup settings configurator</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Restore system with backed-up settings</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Log collection for support</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Replace a device</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### GLOBAL HEALTH DASHBOARD TAB

<table>
<thead>
<tr>
<th>Feature</th>
<th>CORE</th>
<th>PRO</th>
<th>ENTERPRISE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Global health status of Application server, NVRs and edge devices</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Detailed reporting of warnings or errors on all system devices</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### Graphic Display of Real-Time System Performance Statistics (below)

<table>
<thead>
<tr>
<th>Feature</th>
<th>CORE</th>
<th>PRO</th>
<th>ENTERPRISE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Storage distribution per device on each NVR</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Days of retention per NVR</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Bandwidth per NVR</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Average daily recording bandwidth</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Camera/encoder vitals (recording status, estimated retention, assigned NVR)</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>LANGUAGES</td>
<td>CORE</td>
<td>PRO</td>
<td>ENTERPRISE</td>
</tr>
<tr>
<td>------------</td>
<td>------</td>
<td>-----</td>
<td>------------</td>
</tr>
<tr>
<td>English</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Spanish</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>French</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>German</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Italian</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Arabic</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Bulgarian</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Greek</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Korean</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Turkish</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Russian</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Japanese</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Thai</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Hebrew</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>VALERUS SMARTANALYTICS (Separate Module)</th>
<th>CORE</th>
<th>PRO</th>
<th>ENTERPRISE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Line Crossing</td>
<td>–</td>
<td>–</td>
<td>Yes</td>
</tr>
<tr>
<td>Intrusion</td>
<td>–</td>
<td>–</td>
<td>Yes</td>
</tr>
<tr>
<td>Person Line Cross</td>
<td>–</td>
<td>–</td>
<td>Yes</td>
</tr>
<tr>
<td>Person Tailgating</td>
<td>–</td>
<td>–</td>
<td>Yes</td>
</tr>
<tr>
<td>People Grouping</td>
<td>–</td>
<td>–</td>
<td>Yes</td>
</tr>
<tr>
<td>Crowding</td>
<td>–</td>
<td>–</td>
<td>Yes</td>
</tr>
<tr>
<td>Loitering</td>
<td>–</td>
<td>–</td>
<td>Yes</td>
</tr>
<tr>
<td>Vehicle Moving</td>
<td>–</td>
<td>–</td>
<td>Yes</td>
</tr>
<tr>
<td>Vehicle Line Crossing</td>
<td>–</td>
<td>–</td>
<td>Yes</td>
</tr>
<tr>
<td>Vehicle Stopped</td>
<td>–</td>
<td>–</td>
<td>Yes</td>
</tr>
<tr>
<td>Vehicle Tailgating</td>
<td>–</td>
<td>–</td>
<td>Yes</td>
</tr>
<tr>
<td>Traffic Congestion</td>
<td>–</td>
<td>–</td>
<td>Yes</td>
</tr>
<tr>
<td>Object Lighting</td>
<td>–</td>
<td>–</td>
<td>Yes</td>
</tr>
<tr>
<td>Suspicious Object</td>
<td>–</td>
<td>–</td>
<td>Yes</td>
</tr>
<tr>
<td>Tamper</td>
<td>–</td>
<td>–</td>
<td>Yes</td>
</tr>
<tr>
<td>Asset Removed</td>
<td>–</td>
<td>–</td>
<td>Yes</td>
</tr>
<tr>
<td>Post Recording Search</td>
<td>–</td>
<td>–</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Call 1-800-645-9116 today or visit www.vicon-security.com for more information.

Vicon, ViconNet and their logos are registered trademarks and Vicon Valerus and its logo are trademarks of Vicon Industries Inc. Product specifications are subject to change without notice. Copyright ©2019 Vicon Industries Inc. All rights reserved. All other trademarks used in this publication are the property of their owners.