**1 Standalone Server (Client-Server All-in-One)**

**NVR Server**
- Local Client
- VI Server

Use SMR as Server
- No installation needed.

Use PC as Server
- Install both the NVR/IPCAM product CD.
  1. Insert the product CD.
  2. Click **VMS Suite** on the menu to start the installation.
  3. Choose **Typical Setup** to install.

**[NVR Server]**
- Use NVR/IPCAM product CD.
- No installation needed.

**[VI Server]**
- Use VI Server.
- No installation needed.

**[CMS Domain Server]**
- Use CMS Domain Server.
- No installation needed.

**[CMS Client]**
- Use CMS Client.
- No installation needed.

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**2 Standalone Server + Remote Web Client**

**[NVR Server]**
- Use NVR/IPCAM product CD.
  1. Insert the product CD.
  2. Click **VMS Suite** on the menu to start the installation.
  3. Choose **Typical Setup** to install.

**[Remote Web Client]**
- Use Remote Web Client.
- No installation needed.

**[VI Server]**
- Use VI Server.
- No installation needed.

**[CMS Domain Server]**
- Use CMS Domain Server.
- No installation needed.

**[CMS Client]**
- Use CMS Client.
- No installation needed.

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**3 Multiple Servers + CMS Client**

**[NVR Server]**
- Use NVR/IPCAM product CD.
  1. Insert the product CD.
  2. Click **VMS Suite** on the menu to start the installation.
  3. Choose **Typical Setup** to install.

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**System Architecture**

The Video Management Software (VMS) operates in scalable client-server architecture. This architecture can be divided into three types:

1. Standalone Server
2. Standalone Server + Remote Web Client
3. Multiple Servers + CMS Client

These are the hardware requirements for using PCs as Server or Client:

<table>
<thead>
<tr>
<th>Operating System</th>
<th>32/64 bit Windows XP or above</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hard Drive</td>
<td>SATA 7200 RPM, 500 GB or above</td>
</tr>
<tr>
<td>Ethernet Connection</td>
<td>32~64 bit Windows XP or above</td>
</tr>
</tbody>
</table>

**Note:** Please refer to VMS User Manual for more details.
Basic System Settings

1. Logging into VMS or CMS Client

To start the software, click Programs > Surveon VMS Suite > VMS Client or Programs > Surveon CMS Suite > CMS Client under the Windows Start menu. The software will prompt for the following information:

- VMS/NVR or CMS: The IP address for the VMS/NVR or CMS Server. You can click Search button to obtain it.
- Username: The username for the domain, which is always admin.
- Password: The password for the domain. Default password is admin.
- IP Address: Enter the IP address and click Search button to add the selected cameras to the Server.

2. Storage Management

1. To access the information about the drives configured in your Server, highlight and click the Storage Manager option under Server Settings.

2. All available Logical Drives, as well as their sizes, free space, and status will appear. Click Edit to set the log and location for saving the video recordings.

3. Adding Network Cameras to the Server

Camera can be added to the Server in two ways: via an automatic scan or by manually inputting the camera information.

To begin an automatic scan for cameras:

1. Right-click the Server entry and select Scan for Cameras. The cameras that can be added to the Server will be displayed. To add a camera manually, select the Add Camera menu.

2. To add a camera to the system, check the box by the camera entry. Enter the username and password, and press Apply Selected. Click OK to add the selected cameras to the Server.

4. Alarm Rule Settings

VMS Client provides robust alarm handling features. To access these features right-click the Server entry and then highlight and click the Alarm Rule Settings option.

You can combine the alarm trigger conditions with action items such as event notification, video recording, and/or camera movements. Multiple alarm rules can be created using the following elements:

1. Rule: A short description. For example, “east –fence intrusion detection” or “front entrance access control.”
2. Condition: Specifies triggering conditions such as Motion/Video loss/Sensor input/Clock Alarm, etc.
3. Action: Specifies the action to take when the alarm is triggered.
4. Schedule: Allows the user to schedule the application of specific Alarm rules. This is useful in cases such as applying rules to non-office hours.

Adding an Alarm Rule

1. Click the New button.
2. Enter a short description for the new rule in the Add Rule field.
3. Choose conditions and actions. Click the ….. button in the alarm field to set up a schedule for the rule.
4. To add a camera to the system, check the box by the camera entry. Enter the username and password, and press Apply Selected. Click OK to add the selected cameras to the Server.

5. Setting up Live View

An important part of monitoring your surveillance network is to have the right views so that you will have the optimum viewing angle to discern a situation.

The default view setting is 3x3.

You can also add a customized view to the VMS Client:

1. Right click on Views > Add View in the View Explorer window of the VMS, and choose the type of view that you wish to add. The software responds by placing a blank template in the main viewing area.

2. From the Device Browser window, you can click and drag each camera into separate frames. The camera output will be displayed in the frames.

Note: Dragging a camera into a frame that already has a camera assigned will cause the frame to be reassigned to the new camera.