



On-Premise Server Requirement Checklist

This document applies to **InterGuard On-Premise Self Hosted Solutions**

Instructions:

Please mark the box next to the following steps indicating that you have completed and understand the necessary prerequisites of InterGuard Software. Please return this document completed and initialed to schedule an installation appointment.

Note: It is required that these steps be completed before scheduling an installation of InterGuard monitoring solutions. If you have any questions about these instructions, or you have trouble completing them, please contact your InterGuard Account Manager or email support@interguardsoftware.com with your questions.

Step	Related Documentation
<input type="checkbox"/> It is strongly recommended, though not required, that you use a dedicated server or virtual machine for InterGuard.	<p>InterGuard can be deployed to a single server for all components or split between two servers for the database and web server. Please have all required servers prepared at the time of Install session. Specific server requirements are below.</p> <p>NOTE: It is not necessary for the stand alone InterGuard server to be part of an Active Directory or NT Domain, however if utilizing multiple servers, they must be on the same domain.</p>

<p><input type="checkbox"/> Implement antivirus exclusions network-wide and verify policy update. If no 3rd Party Anti-Virus is installed, disable Windows Defender locally or through Group Policy then set the folder exclusion.</p>	<p>Please follow the below guide for specific instructions depending on your Anti-Virus solution:</p> <p>https://learn.interguardsoftware.com/introduction-to-antivirus-identification-exclusions/</p> <p>The InterGuard recorder will be Installed Into the following folder path, this Is the path you must exclude from scanning In the Anti-Virus settings:</p> <p>C:\Windows\Syswow64\djhcg</p>
<p><input type="checkbox"/> Verify that your target installation server(s) meet all operating system and software requirements and that all required Roles/Features are installed. InterGuard is currently only compatible with Windows Server architecture.</p>	<p>The following requirements must be in place to Install InterGuard and can be split between two servers or on a single dedicated Windows server.</p> <p>Server Requirements:</p> <ul style="list-style-type: none"> • Windows Server 2012, 2016, or 2019 • Microsoft SQL Server 2012, 2014, 2016, 2017, 2019 <ul style="list-style-type: none"> ○ Standard or Enterprise Version Required ○ Express SQL version is not supported ○ Collation must be set to SQL_Latin1_General_CP1_CI_AS (this is typically the default setting) <p>Role & Feature Requirements:</p> <p>IIS (Internet Information Services) with the following components:</p>



	<ul style="list-style-type: none"> • ISAPI Filters • IIS 6 Metabase Compatibility • ASP.NET 3.5 • ASP.NET 4.0 • URL Rewrite module <ul style="list-style-type: none"> • MSMQ (Microsoft Message Queuing) • .NET Framework 3.52 (Installed on both servers) • Allow 5 GB storage on the system drive for the InterGuard program files. <p>CPU Quad-core Xeon or Opteron or greater</p> <p>File Storage 50 MB – 100 MB per-user per-month with continuous camera disabled. 1GB – 2GB per-user per-month with continuous camera enabled.</p> <p>RAM 8 GB (16 GB recommended)</p> <p>Service Account:</p> <ul style="list-style-type: none"> • InterGuard server requires a Windows Service Account to communicate between file storage, SQL database and web server. In a single server setup this can be a local or Domain account. For multi-server setup a Domain account is required.
<p><input type="checkbox"/> Confirm at least 200GB of free disk space on target installation server after all Windows updates have been applied.</p>	<p>This is the minimum recommended amount of available free space required for the InterGuard server installation files.</p>



<p><input type="checkbox"/> Optional- For monitoring off network clients only.</p> <ul style="list-style-type: none"> • Confirm that a Fully Qualified Domain Name (FQDN) has been selected • DNS has been pointed to the InterGuard server • SSL certificate has been purchased & installed in IIS prior to installation session. 	<p>The InterGuard desktop agents transmit data back to the InterGuard reporting server over HTTP (or HTTPS see SSL info below) using standard TCP/IP ports 80 or 443.</p> <p>If you will be monitoring computers outside your company network, a unique Fully Qualified Domain Name (FQDN) (e.g. mycompany.com) resolving to an IP on the InterGuard server is required.</p> <p>An SSL certificate is also required In FQDN Installation to ensure transmission of data is encrypted and secured.</p>
<p><input type="checkbox"/> Optional- For utilizing E-mail based reporting.</p> <ul style="list-style-type: none"> • Confirm SMTP details are available at time of InterGuard server install. • Confirm InterGuard server can communicate with SMTP server by using the Test SMTP Settings button during install. 	<p>The InterGuard server application can be configured to send E-mail based reports utilizing an SMTP server.</p> <p>If you plan to use E-mail based reporting, please ensure the following SMTP server details are available at the time of the InterGuard server Install.</p> <ul style="list-style-type: none"> • Sending address that reports will be sent from. • SMTP hostname & port used. • If SMTP server requires SSL/TLS and/or requires password authentication these credentials will be required as well.



<p><input type="checkbox"/> If any of the following apply to devices you plan to monitor, please inform us in advance of the install appointment.</p>	<ul style="list-style-type: none"> • Terminal Server or RDS server. • VDI environment with persistent or non-persistent disks. • Citrix Virtual Apps or Virtual Desktops
<p>To save time during the actual On-Prem Install, please ensure that these additional items have been accomplished prior to the installation procedure:</p>	<ul style="list-style-type: none"> • Install file must downloaded and extracted (both servers if multi-server). • SQL must be installed and ready. • All Windows Updates must be completed prior to the scheduled installation session. • SSMS must be installed on SQL server. • All credentials (username & password) must be accessible during installation. • .NET 4.5 must be pre-installed in server Roles. • Ensure that the server has at least 12 GB of RAM • We will create a license file and forward it via LogMeIn File Transfer • If multi-server, install must be performed first on the SQL server.

