

# EnterpriseAlert® 9

## Hardware and Software Requirements



# Hardware and Software Requirements

The hardware and software requirements of Enterprise Alert® are documented in this section. They relate to required computer hardware as well as operating system requirements.

## 1 HARDWARE REQUIREMENTS

### 1.1 X86 Server

The following table lists the hardware requirements of the server software relating to a standard rack server with x86 architecture:

Category	Minimum Requirements	Recommended
CPU	2 Cores @ 2.4 GHz	4 Cores @ 2.4 GHz
Memory (RAM)	8 GB	16 GB
Hard disk	20 GB of available hard disk space	50 GB of available hard disk space
Network	100 Mbit/s LAN connection	1 Gbit/s LAN connection

### 1.2 Modems or voice cards

Depending on the notification channels that you would like to implement with Enterprise Alert®, there are further hardware requirements relating to modems or voice cards:

Notification Channel	Required hardware
SMS text messaging	<p>A hardware modem is required if SMS text messaging is not performed via an IP based connection to an SMS messaging gateway. In this case Derdack recommends the following devices:</p> <ul style="list-style-type: none"> <li>- Digi WR11 (WR11-L700-DE1-SW)</li> <li>- MultiTech MultiConnect® rCell MTR-H5</li> </ul>
Paging	TAPI-compatible modem device. The TAPI-compatible modem must support DATAMODEM mode.

### 1.3 Mobile App

The use of the Enterprise Alert® smart app requires additional hardware relating to smartphones or tablet computers. The following table displays smartphone device platforms which are supported with the Enterprise Alert® Mobile App:

Type	OS Version
Apple iOS	iOS 10 or newer
Android	version 6.0 (API 23) or newer

## 2 SOFTWARE REQUIREMENTS

The following table lists software requirements of the server software relating to the Microsoft Windows Server operating system:

Category	Requirements
Operating System	<p>The following versions of Microsoft Windows Server are supported by Enterprise Alert®:</p> <ul style="list-style-type: none"> <li>▪ Windows Server 2012 R2 (any edition except Server Core)</li> <li>▪ Windows Server 2016 (any edition except Server Core or Nano Server)</li> <li>▪ Windows Server 2019 (any edition except Server Core or Nano Server)</li> </ul> <p>These operating systems can also be used as virtual guest operating systems (Virtual Machines).</p> <p>Enterprise Alert® cannot run in container images.</p>
Database	<p>The following database systems (<u>each from Express edition upwards</u>) are supported by Enterprise Alert®:</p> <ul style="list-style-type: none"> <li>▪ SQL Server 2012</li> <li>▪ SQL Server 2014</li> <li>▪ SQL Server 2016</li> <li>▪ SQL Server 2017</li> <li>▪ SQL Server 2019</li> </ul>
Supported Browsers	<p>The Web portal of Enterprise Alert® can be used with the following Internet Browsers:</p> <ul style="list-style-type: none"> <li>▪ Internet Explorer 11 long-term-support Windows Server default (not recommended for production use of Web portal)</li> <li>▪ Mozilla Firefox (most recent version)</li> <li>▪ Google Chrome (most recent version)</li> <li>▪ Apple Safari (most recent version)</li> <li>▪ Microsoft Edge (most recent version)</li> </ul>
Windows Server Platform Components	<p>Windows Installer, .NET Framework 4.8 or higher, MSMQ, IIS</p> <p>(They will all be installed automatically by the setup wizard)</p>
Supported Hypervisors	<p>Hyper-V, vmware, Citrix, etc.</p>

### 3 WINDOWS AZURE IAAS REQUIREMENTS

The following table lists recommended sizes of IaaS assets that are required when running Enterprise Alert® on Microsoft Azure.

Category	Minimum Requirements	Recommended
	<ul style="list-style-type: none"> <li>▪ 2 Core</li> <li>▪ 8 GB RAM</li> <li>▪ 2 Data disks</li> <li>▪ 4x500 IOPS</li> <li>▪ Load Balancing</li> <li>▪ Auto Scale</li> </ul>	<ul style="list-style-type: none"> <li>▪ 4 Cores</li> <li>▪ 16 GB RAM</li> <li>▪ 8 Data disks</li> <li>▪ 8x500 IOPS</li> <li>▪ Load Balancing</li> <li>▪ Auto Scale</li> </ul>
SQL Database Size	S0 Standard	S3 Standard
(More Info: <a href="https://azure.microsoft.com/en-us/documentation/articles/sql-database-service-tiers/?rnd=1">https://azure.microsoft.com/en-us/documentation/articles/sql-database-service-tiers/?rnd=1</a> )	<ul style="list-style-type: none"> <li>▪ 10 DTUs</li> <li>▪ Standard Geo Replication</li> <li>▪ Point in time restore</li> <li>▪ Max. 60 concurrent requests</li> <li>▪ Max. 60 concurrent logins</li> <li>▪ Max. 600 sessions</li> </ul>	<ul style="list-style-type: none"> <li>▪ 100 DTUs</li> <li>▪ Standard Geo Replication</li> <li>▪ Point in time restore</li> <li>▪ Max. 200 concurrent requests</li> <li>▪ Max. 200 concurrent logins</li> <li>▪ Max. 2400 sessions</li> </ul>

## 4 SUPPORT INFORMATION

For the latest technical information about Enterprise Alert® please visit <https://www.derdack.com/category/technical-blog/>.

For the latest news around Derdack and Enterprise Alert® please like us on Facebook under <http://www.facebook.com/derdack?ref=ts> or visit <https://www.derdack.com>.