

EnterpriseAlert® 2019

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)	6 GB	8 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"> - Digi WR11 (WR11-L700-DE1-SW) - MultiTech MultiConnect® rCell MTR-H5
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 smatphone device platforms which are supported with the Enterprise Alert® Mobile App:

Type	OS Version
Apple iOS	iOS 9 or newer
Android	version 4.1 (API 16) 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"> ▪ Windows Server 2012 R2 (any edition except Server Core) ▪ Windows Server 2016 (any edition except Server Core or Nano Server) ▪ Windows Server 2019 (any edition except Server Core or Nano Server) <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"> ▪ SQL Server 2012 ▪ SQL Server 2014 ▪ SQL Server 2016 ▪ SQL Server 2017
Supported Browsers	<p>The Web portal of Enterprise Alert® can be used with the following Internet Browsers:</p> <ul style="list-style-type: none"> ▪ Internet Explorer 9 or higher ▪ Mozilla Firefox (most recent version) ▪ Google Chrome (most recent version) ▪ Apple Safari (most recent version) ▪ Microsoft Edge (most recent version)
Windows Server Platform Components	<p>Windows Installer, .NET Framework 4.7.2 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
VM Size (Classic VM recommended as load balancing can be configured in the Azure portal and not only via PowerShell)	A2 <ul style="list-style-type: none"> ▪ 2 Core ▪ 3.5 GB RAM ▪ 2 Data disks ▪ 4x500 IOPS ▪ Load Balancing ▪ Auto Scale 	A3 <ul style="list-style-type: none"> ▪ 4 Cores ▪ 7 GB RAM ▪ 8 Data disks ▪ 8x500 IOPS ▪ Load Balancing ▪ Auto Scale
SQL Database Size (More Info: https://azure.microsoft.com/en-us/documentation/articles/sql-database-service-tiers/?rnd=1)	S0 Standard <ul style="list-style-type: none"> ▪ 10 DTUs ▪ Standard Geo Replication ▪ Point in time restore ▪ Max. 60 concurrent requests ▪ Max. 60 concurrent logins ▪ Max. 600 sessions 	S3 Standard <ul style="list-style-type: none"> ▪ 100 DTUs ▪ Standard Geo Replication ▪ Point in time restore ▪ Max. 200 concurrent requests ▪ Max. 200 concurrent logins ▪ Max. 2400 sessions

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>.