



# Centerium

The Data Management Solution

Secure drug Library distribution

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Optimize fleet Management

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Latest Cybersecurity Standards

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# Centerium

## Hardware Requirements

The hardware requirements for Centerium are dependent on the number of pumps used, as more powerful hardware is needed when Centerium is used with a large number of pumps. Centerium was validated against the following host computer requirements:

<b>Operating System</b>	<b>Microsoft Windows Server 2008 R2 SP1 (Version 6.1)</b> <b>Microsoft Windows Server 2012 (Version 6.2)</b>
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## Application Server

	1 - 250 pumps		251 - 500 pumps	501 - 1000 pumps	1001 - 3000 pumps
<b>Configuration</b>	1 tier*	2 tier**	2 tier	2 tier	2 tier
<b>Processor</b>	Xeon E3 (4C/4T) 3.3 GHz	Xeon E3 (4C/4T) 3.3 GHz	Xeon E3 (4C/4T) 3.3 GHz	18 GHz - 16 cores	18 GHz - 16 cores
<b>Total Physical Memory</b>	8 GB	8 GB	8 GB	64 GB	64 GB
<b>Disk Size</b>	1 Tera	200 Go	200 Go	200 Go	200 Go
<b>Network Interface Card</b>	IEEE 802.3 10/100/1000Mbps card				

## Database Server

	1 - 250 pumps		251 - 500 pumps	501 - 1000 pumps	1001 - 3000 pumps
<b>Configuration</b>	1 tier*	2 tier**	2 tier	2 tier	2 tier
<b>Processor</b>	na	Xeon E3 (4C/4T) 3.3 GHz	Xeon E3 (4C/4T) 3.3 GHz	18 GHz - 16 cores	18 GHz - 16 cores
<b>Total Physical Memory</b>	na	8 GB	8 GB	32 GB	32 GB
<b>Disk Size</b>	na	1 Tera	1 Tera	1 Tera	1 Tera
<b>Network Interface Card</b>	na	IEEE 802.3 10/100/1000Mbps card			

	Windows Server 2012	Windows Server 2008 R2 SP1
<b>SQL Server 2012 Standard</b>	Validated	Validated
<b>SQL Server 2008 R2 SP2 Standard</b>	Not supported	Validated

## Security requirements

Centerium software must be protected with an up-to-date virus scanner.

\* 1 tier: 1 server support operating system and database.

\*\* 2 tier: 2 servers are needed for operating system and database.

For any other SQL Server version:

The installer will display a message stating that the version has not been validated. Use with other versions must be validated prior to use. The Centerium Installer enforces usage for specified versions; use with other versions will be prevented by the installer.

Due to our policy of continuous product development as well as changes in standards, the features described are subject to change. Please contact us for the most updated information.

