

*software*



*System Requirements*

# **theGuard! ApplicationDashboard**

## **Version 1.1**

March 23, 2009



# System Requirements

## theGuard! ApplicationDashboard 1.1

theGuard! ApplicationDashboard is a three-tier client-server application for which there are different system requirements. This document provides an overview of the minimum system requirements for the network, memory and disk space. It does, however, not replace the standard documentation, which contains other essential information.

If theGuard! LicenseServer, theGuard! IdentityManager and theGuard! ApplicationManager are to be installed on another machine, a working TCP/IP connection is required between the machines (observe the firewall). The requirements include the installation of a Microsoft SQL Server 2000. If a Microsoft SQL Server 2005 is to be used, we recommend installing a separate server for the database because the Microsoft SQL Server 2005 server needs considerably more resources. Please note that the SQL server has to run in a specific operating mode (collation).

The installation of theGuard! ApplicationDashboard is divided into two components: server and client. theGuard! ApplicationDashboard is available as a module of theGuard! ApplicationManager Central, which is stored and managed by the appropriate theGuard! IdentityManager.

Type of software	Size of the software (MB)
Microsoft SQL Server 2000 – English	~ 180 MB
ApplicationDashboard Server	~ 25 MB
ApplicationDashboard Client Module	~ 6 MB
ApplicationDashboard Client	~ 50 MB

## theGuard! ApplicationDashboard Server

### Hardware Requirements

- INTEL-based processor system (at least 3 GHz, dual core)
- At least 4096 Mbyte memory
- At least 30 GB free disk space
- Standard X VGA (at least 1280x1024 resolution, >256 colors)
- Monitor, resolution at least 1280x1024
- Recommended minimum resolution 1600x1200
- 100 MBit network card
- Support for multiprocessor computers

### Software Requirements

- Microsoft Windows 2000 Server Standard, with Service Pack 4 or higher
- Microsoft Windows 2003 Server Standard, with Service Pack 4 or higher
- Microsoft SQL Server 2000 Standard (English), with Service Pack 4 or higher
- Microsoft SQL Server 2005 Standard (English), with Service Pack 1 or higher
- Microsoft Data Access Pack (MDAC), Version 2.8 or higher



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## theGuard! ApplicationDashboard Client

### Hardware Requirements

- INTEL-based processor system (at least 3 GHz, dual core)
- At least 4096 Mbyte memory
- At least 30 GB free disk space
- Standard XVGA (at least 1280x1024 resolution, >256 colors)
- Monitor, resolution at least 1280x1024
- Recommended minimum resolution 1600x1200
- 100 MBit network card
- Support for multiprocessor computers

### Software Requirements

- Microsoft Windows 2000 Professional, with Service Pack 3 or higher
- Microsoft Windows XP Professional, with Service Pack 2 or higher
- Microsoft Windows Vista Professional or higher
- Microsoft .NET Framework 2.0.
- theGuard! ApplicationManager Central

### Limits

theGuard! ApplicationDashboard Client has the following limits:

- 10 Dashboards per dashboard collection
- 10 widgets per dashboard
- 16 counters or manageable elements per widget
- 100 widgets per dashboard collection
- 160 counters or manageable elements per dashboard
- 1600 counters or manageable elements pro dashboard collection

theGuard! ApplicationDashboard Client (GUI) can also be run as a terminal application on the corresponding server (Windows Terminal Server).



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## Network Requirements

All of the involved system components require a transparent TCP/IP connection between the computers they are run on. theGuard! ApplicationDashboard enables computers to be specified by HOSTNAME, FQDN (Full Qualified Domain Name) or IP address. The name resolution (DNS) should be configured so that it works. theGuard! ApplicationDashboard also supports DHCP with reserved IP addresses.

The following services should be activated when a firewall is used:

- TCP/IP between all servers
- Special ports have to be opened (see the below graphic and the corresponding knowledge base entries)
- When using VPN (Virtual Private Network), special conditions apply. They are described in the ApplicationManager's network configuration documentation.

## Operation Under Virtual Operating Systems

Despite optimized programming, theGuard! ApplicationDashboard Server puts high demands on the hardware it is installed on. We recommend that you do not limit its performance by installing it under virtual operating systems (Background: Losses in stability and timing behavior that are not ascribed to our software). We do not explicitly forbid the installation under virtual operating systems; however, we can only provide support for native systems.



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## Contact

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