

System Requirements for Prodacapo Software Solutions





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General

The Prodacapo software solutions are fully scalable and can be configured as a:

1. **Network installation.** An client/server installation with clients, network application server and database servers
2. **Stand-alone installation,** configured to run on a single system.

The following databases are supported:

1. Microsoft SQL Server
2. Oracle



Network Installation

A network installation consist of 3 tiers; **client**, **application server** and **database server**. Application server and database tier can be installed on the same system, or be installed on separate systems.

Application Server System Requirements

- Pentium-class system with at least 1 GHz processor.
- 1 GB RAM or more recommended.
- 1 GB free disk space.
- Windows Server 2003 with Service Pack 1 or later, 32-bit and x64 editions.
Windows Server 2008, 32-bit and x64 editions.
- Network (for communication with client and database server)
- 32-bit client software for the database server.
See **Supported Database Servers** below for more information
- A protocol supported by the client software of the database server.

Client System Requirements

- Pentium-class system with at least 1 GHz processor.
- 512 MB RAM or more recommended.
- 500 MB free disk space.
- Super VGA (1024x768) or higher-resolution video adapter and monitor.
- Windows XP Professional with Service Pack 2 or later, 32-bit and x64 editions.
Windows Vista Business, 32-bit and x64 editions.
Windows 7 Professional, 32-bit and x64 editions.
Windows Server 2003 with Service Pack 1 or later, 32-bit and x64 editions.
Windows Server 2008, 32-bit and x64 editions.
- Network (for communication with the application server)
- A Prodacapo application server present in the network

Database Server System Requirements

Please see further below.



Stand-alone Installation

A stand-alone installation installs all components (client, application server and database) on a single system

- Pentium-class system with at least 1 GHz processor.
- 1 GB RAM or more recommended.
- 1 GB free disk space.
- Super VGA (1024x768) or higher-resolution video adapter and monitor.
- Windows XP Professional with Service Pack 2 or later, 32-bit and x64 editions.
Windows Vista Business, 32-bit and x64 editions.
Windows 7 Professional, 32-bit and x64 editions.
Windows Server 2003 with Service Pack 1 or later, 32-bit and x64 editions.
Windows Server 2008, 32-bit and x64 editions.
- Microsoft .NET Framework 2 (required by Microsoft SQL Server 2005 Express Edition)
- Internet Explorer 6.0 Service Pack 1 or later



Prodacapo Web Solution

Prodacapo Web Solution allows you to use your Internet browser to access information from Prodacapo.

Web Server System Requirements

- Pentium-class system with at least 1 GHz processor.
- 1 GB RAM or more recommended.
- Windows Server 2003 with Service Pack 1 or later, 32-bit and x64 editions. Windows Server 2008, 32-bit and x64 editions.
- Microsoft Internet Information Services (IIS) 6 or later. See *Requirements for IIS 7 and later* below for information on what IIS component that must be installed.
On x64 editions of Windows, it is necessary to run Internet Information Services in 32-bit compatibility mode. See installation instructions for Prodacapo Web Solution for more information.
- Microsoft .NET Framework 2.0 SP1
- 32-bit client software for the database server.
See **Supported Database Servers** below for more information.

Requirements for IIS 7 and later

If you are installing on a system with IIS 7 or later such as Windows Vista, Windows Server 2008 or Windows 7, you must make sure that IIS is installed with the correct options.

On Windows Server 2008

Open Server Manager and add the role **Web Server (IIS)**

When prompted for role services to install, you must add the following role services in addition to the role services selected by default.

1. **Application Development / ASP.NET.**
Accept to add the requested services **.NET Extensibility, ISAPI Extensions and ISAPI Filters.**
2. If you want to use integrated authentication (single sign-on) you must also select the option **Security / Windows Authentication.**
3. **Management Tools / IIS 6 Management Compatibility.** This will add all underlying IIS 6 role services.

On Windows Vista and Windows 7

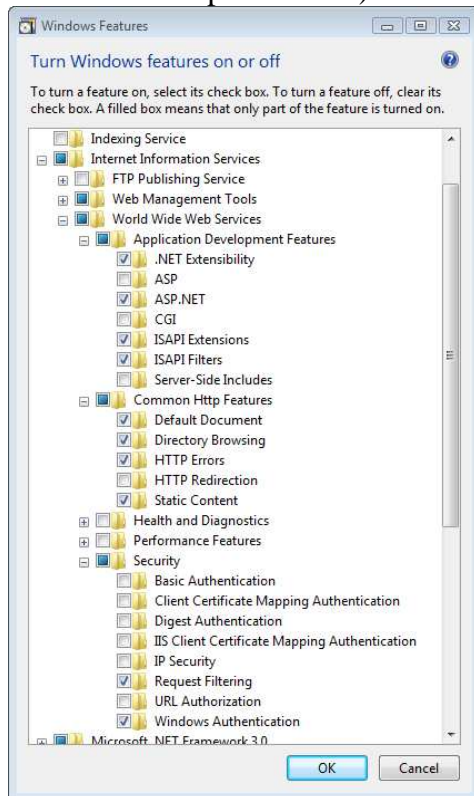
Select **Control Panel, Programs and Features** and click **Turn Windows features on or off** on the left. Select the following features under **World Wide Web Services** in addition to the features selected by default.

1. **Application Development Features / ASP.NET.**
Accept to add the requested services **.NET Extensibility, ISAPI Extensions**

and **ISAPI Filters**.

2. Under **Common Http Features** select
Default Document
Directory Browsing
HTTP Errors
Static Content
3. If you want to use integrated authentication (single sign-on) you must also select the option **Security / Windows Authentication**.
4. **Web Management Tools / IIS 6 Management**. This will add all underlying IIS 6 features

See below for an example showing how it looks in Vista with the required features (as described in step 1-4 above) turned on.



Web Client System Requirements

- Prodacapo Web Solution supports the following browsers:
Microsoft Internet Explorer 6 or later
Mozilla-based browser such as Firefox 2.0 or later
- Cookies enabled.
- JavaScript enabled.

Database Server System Requirements

Please see further below



Prodacapo Power Analytics IMA

Prodacapo Power Analytics (IMA) is an optional add-on component to the Prodacapo ABM and Balanced Scorecard software solutions. It extends the already broad analysis and reporting options in Prodacapo by offering In-Memory Analytics (IMA) capabilities and is powered by QlikView technology. Prodacapo Power Analytics (IMA) makes it easy for users across your organization to analyze data in any dimension they wish. The component significantly reduces the time to share, understand, and act upon critical business information within your organization.

For information on system requirements for Prodacapo Power Analytics IMA, please contact Prodacapo Support.



Prodacapo Portal

Prodacapo Web Solution allows you to use your Internet browser to access information from Prodacapo.

Web Server System Requirements

- Pentium-class system with at least 1 GHz processor.
- 1 GB RAM or more recommended.
- Windows Server 2003 with Service Pack 1 or later, 32-bit and x64 editions. Windows Server 2008, 32-bit and x64 editions.
- Microsoft Internet Information Services (IIS) 6 or later. On Windows Server 2003 x64 editions, it is necessary to run Internet Information Services in 32-bit compatibility mode.
- Microsoft .NET Framework 2.0
- Client software for the database server that stores the Prodacapo data. See **Supported Database Servers** below for more information.
- Microsoft SQL Server 2005 or 2008 required for portal content.

Portal Client System Requirements

- Prodacapo Web Solution supports the following browsers:
 - Microsoft Internet Explorer 6 or later
 - Mozilla-based browser such as Firefox 2.0 or later
- Cookies enabled.
- JavaScript enabled.

Database Server System Requirements

Please see further below



Prodacapo Web Parts for Microsoft SharePoint Portal

- Windows SharePoint Services 3.0 or Microsoft Office SharePoint Server 2007. See Microsoft documentation for detailed system requirements for each edition of SharePoint services.
- An installation of Prodacapo Web Solution with the same version number as the Prodacapo portal web parts is required
- Prodacapo Web Solution must be configured to run with the same ASP.NET version as the SharePoint web site (2.0)
- In addition to the system requirements for the chosen version of SharePoint, it is necessary to run Internet Information Services in 32-bit compatibility mode if an x64 edition of Windows Server 2003.

SharePoint clusters are currently not supported

Supported Database Servers

Prodacapo support the following database servers.

- **Microsoft SQL Server 2005 (both 32- and 64-bit editions)**
Microsoft SQL Server 2008 (both 32- and 64-bit editions)
Minimum 1 GB RAM and 3 GB free disk space recommended.
SQL Server 2005 (all editions) require Microsoft .NET Framework 2 and Internet Explorer 6 Service Pack 1 or later.
SQL Server 2008 requires Microsoft .NET Framework 3.5 and Internet Explorer 6 Service Pack 1 or later.
- **Oracle 10g R2 (10.2) and 11g**
Minimum 1 GB RAM and 3 GB free disk space recommended.
The database server can run on any platform supported by Oracle, e.g. Windows, Linux or Solaris.

Any application server or web application server accessing the database must have 32-bit client software for the database server installed, regardless if the application server is a 32-bit or x64 system.

If a 64-bit version of Power Analytics IMA is installed, it requires a 64-bit Oracle client with OleDB support enabled. A 32-bit client is still required for the Prodacapo application server software if it is installed on the same machine.

If the database server is Microsoft SQL Server it is also required to install the SQL Server Native Client on the application server if it is not the same server as the database server (this is not required on the web application server). The version of Microsoft SQL Server (2005 or 2008) decides what client the need to be installed on the application server. The platform of the application server decides if the x86 or x64 installer package should be installed. Please note that the x64 installer package also contains the 32-bit client.

Installer packages for the Microsoft SQL Server Native Client are available on the Prodacapo CD in the root folder **SQL Server Native Client**.

If you are connecting to Microsoft SQL Server 2005 the installer packages are in the folder SQL Server Native Client\2005.

If you are connecting to Microsoft SQL Server 2008 the installer packages are in the folder SQL Server Native Client\2008.

Note:

Requirements above are minimum requirements for database servers; depending on estimated data volume the requirements may increase.



Virtualization Support

It is possible to run all parts of Prodacapo on virtual servers, as long as the virtual servers fulfill the system requirements for the respective Prodacapo component.

Please note that Prodacapo IMA can be very memory and disk intensive, which is important to be aware of if virtualization is desired.

If the database is run on a virtual server it is very important that the disk configuration is setup to give good disk performance. Please refer to the database vendor's installation instructions for more information.