



GridVis introduction

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## Minimum requirements

GridVis 3.0.0 minimum requirements for device firmware:

Dated February 28, 2012



Device	Firmware required	Notes
UMG 604	1.293 or later	The devices with a firmware older than 1.048 should be technically (HW) upgraded (Atmel updated)
UMG 605	1.293 or later	
UMG 104	1.268 or later	
UMG 511	1.293 or later	
UMG 508	1.293 or later	
UMG 103	No restrictions	
UMG 96	No restrictions	
UMG 96S	1.20 or later	
UMG 503	3.102 or later	Devices up to HW version 0.40 (firmware version 2.004) should be replaced.
UMG 505	No restrictions	Series 2 and 3
UMG 507	0.993	Not verified by the GridVis software
UMG 510	1.037	
UMG 96RM	0.50 or later	Not verified by the GridVis software
Prophi	No restrictions	

## Software versions - GridVis license model

Designation	Basic	Professional	Enterprise	Service
Installations (desktop)	1	3	5	5
Installations (service / WEB)	0	0	0	2
Number of devices	5	not limited	not limited	not limited
Update period	not limited	1 year	1 year	1 year
Phone support	not limited	not limited	not limited	not limited
Graphs	•	•	•	•*1
JanDB / Derby database	•	•	•	•
Manual reports	•	•	•	•*1
Graphic programming	•	•	•	•*1
Topology	•	•	•	•*1
MS SQL / MySQL	-	•	•	•
Automatic reading	-	•	•	•
Virtual device	-	•	•	•
Automatic CSV export	-	-	•*2	•*2
Generic ModBus	-	-	•	•
Graphic programming module (write / read Modbus)	-	-	•	•*1
Cost centers	-	-	•	•
Automatic reports	-	-	•	•*1
Online recording	-	-	-	•
Service	-	-	-	•

\*1 This feature is only available if the GridVis software is installed on the desktop.

\*2 Use „Create Groovy Scripts“ service (art. no. 51.01.015) to export CSV files automatically.

Number of devices:	The maximum number of devices loaded simultaneously (e.g. within the Basic version: a project with 5 devices or 5 projects with a device).
Update period:	A time period when new free versions can be installed.
Automatic reading:	Device reading according to freely configurable schedules.
Online recording:	The measurement data provided by the devices not equipped with their own memory are averaged in the GridVis software.
Automatic CSV export:	Automatic reading allows an automatic CSV export.
Service:	The GridVis software runs in the background and starts automatically without user logon to the computer and stores the data of the devices. GridVis Enterprise is included in the package and is required for configuration and data processing.

## Installation and Activation of the GridVis Desktop Software

### Installation of the GridVis visualization software

The Setup wizard will guide you step by step through the installation of the GridVis network visualization software.

- Close all open programs before installing the GridVis software.
- Start the installation program and follow the instructions of the wizard.
- Read the license agreement and accept the appropriate terms and conditions for the use of the GridVis software. Click Next to continue the installation process.
- Use the Browse button to select the target folder for the installation files or confirm the default path. Click Next to confirm the selection.
- Select the location for the start link in the Windows start menu or confirm the GridVis default path. Click Next to continue.
- Click Finish to close the wizard.
- After starting the GridVis network visualization software you should first activate the GridVis version. Follow the instructions in Login and Activation of the GridVis Software.



Fig. Setup wizard in the GridVis installation

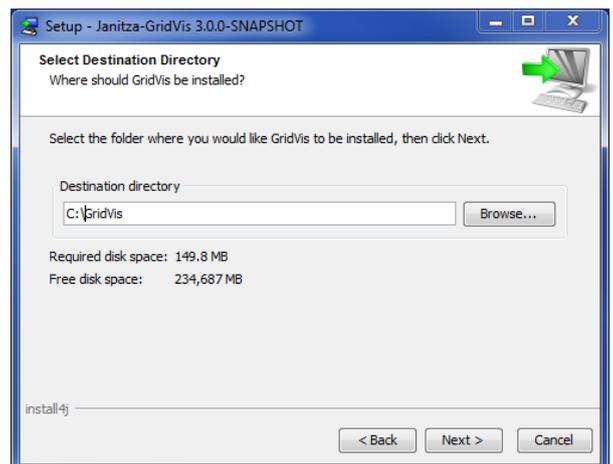


Fig. Setup wizard, select target location

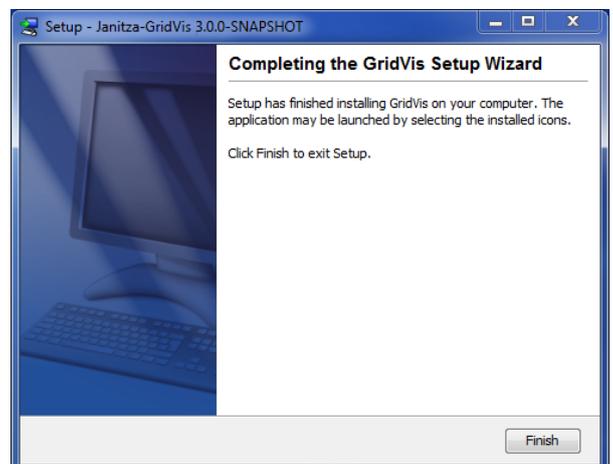


Fig. Close the Setup wizard

## First Step - Login and Activation of the GridVis Software

Activate the GridVis version after you start the network visualization software.

The Welcome window can be opened under the menu item Window/Welcome and provides support to initial steps when working with GridVis.

Since the installation of the GridVis software should be followed by its activation, use the License manager to initiate the Activation process (cf. Step 1: Activation in the Welcome window of the GridVis software).

- Open the License manager through the link Show the license manager in the Welcome window or use the menu Tools/License manager.
- Create a license request file using the Create a request file button.
- Give the request file in the Create a request file window a unique name and click Next.
- Using the „...“ button, select the location for the request file (e.g. Desktop) or confirm the default folder.
- Click Finish to close the wizard.
- If the computer has an Internet connection, you can start the browser by going to link <http://license.janitza.de> to access the License server directly. If the browser does not start, invoke the Internet browser using the interface of the operating system and open the homepage of the License server by going to <http://license.janitza.de>.
- If the computer is NOT connected to the Internet, the newly created file (Request file) can be copied to an external storage device (such as a USB flash drive) and sent to the License server via another computer with the Internet access. The activation file (see below) sent from the server via mail must be copied back to the computer with the GridVis software (e.g. using a USB flash drive).
- If you do not have an online customer account, you should first create an account by clicking the Sign up button.
  - Click Sign up.
  - Complete the Register account form. The fields marked with \* are mandatory and thus must be filled in. Click Next to confirm the information entered.
  - Read the Terms and Conditions and accept them for a successful registration.
  - For safety reasons, you will be asked to enter a code in the final step of the registration, which is provided as an image above the input field. Please enter the characters shown in the input field. Click Finish sign up to complete the Registration process.

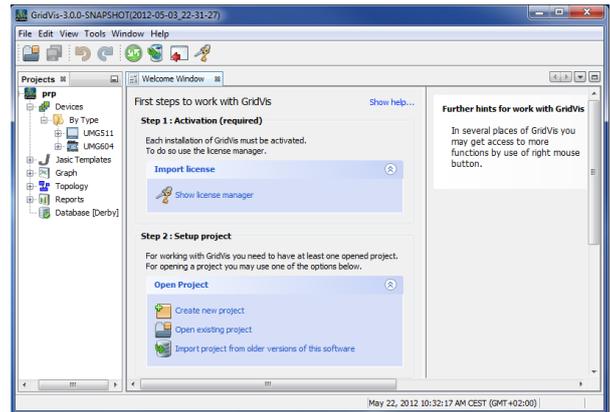


Fig. Welcome window with the License manager

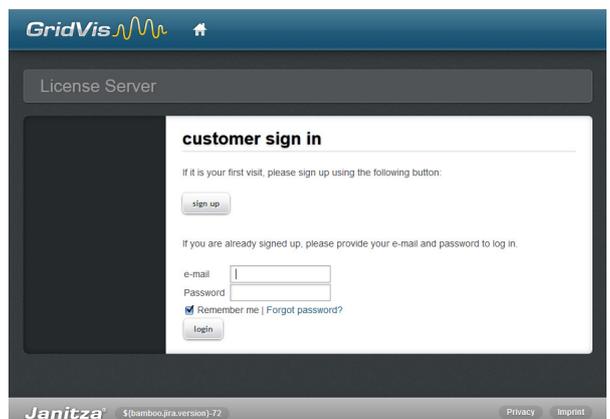


Fig. GridVis License server (homepage)

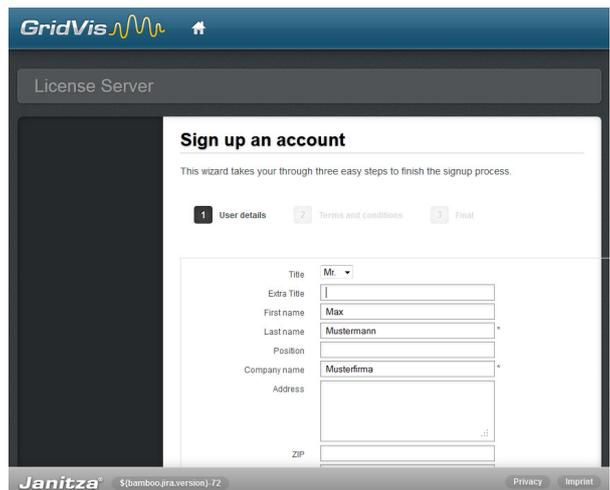


Fig. GridVis License server (User re-login)

- The GridVis License server will send a verification e-mail to the specified e-mail address to complete a successful registration by going to the link provided in the e-mail, which returns you to the License server.
- Click Activate Installation to activate the GridVis software.
- If you already have an online customer account, please enter your e-mail address and password once you have clicked Login
  - Click Activate Installation to activate your software.

Once you have successfully registered on the GridVis License server, you can activate various GridVis editions via the menu item Activate Installation, and the Use purchased edition, Use Basic edition, Select from your list of editions buttons.

### Use Basic Edition

- When using the GridVis software Basic version, you can activate it by clicking the Use basic edition button on the GridVis License server.
- Select the request file (see the Create a request file section above) created using the GridVis software by pressing the Browse button, and then click Next.
- The window below provides a brief overview of the selected license that you can activate by clicking the Activate button. The License server then sends an e-mail with the required activation file to the specified e-mail address.
- Open your e-mail client and save the attached activation file on your computer (e.g. on the desktop).
- Select within the GridVis software in the License manager window (e.g. via the link Show the License manager in the Welcome window or using the menu Tools / License manager).
- Import the previously saved activation file via the Import the activation file option.
- The license will be activated and displayed in the License manager window on the right.

### Use Purchased Edition

- When you use a newly purchased edition of the GridVis software (e.g. Professional or Enterprise edition), you must also have a serial number, which is located on the CD cover or on the product delivery note.
- Select Use purchased edition on the Activate Installation page and paste your serial number in the form field. Click Next to confirm.
- Select the request file (see Create a request file) generated using the GridVis software by pressing the Browse button, and click Next.

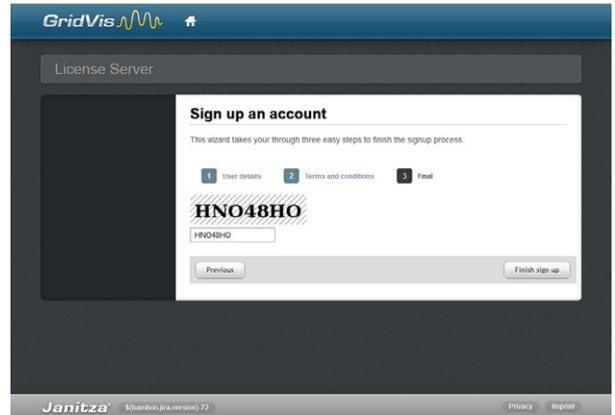


Fig. GridVis License server (create an account)

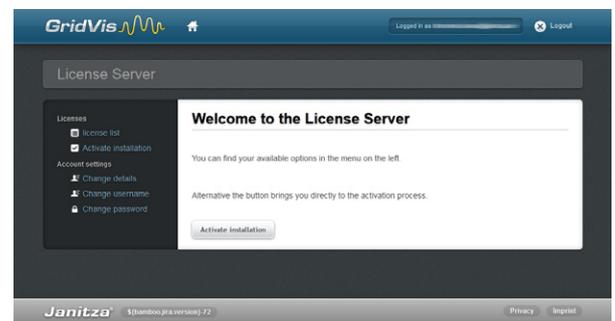


Fig. GridVis License server (activate installation)

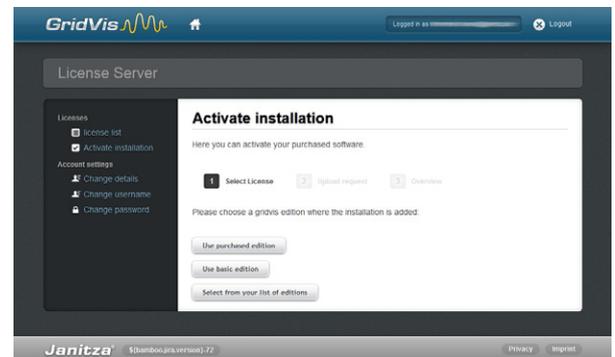


Fig. GridVis License server (select the activation)

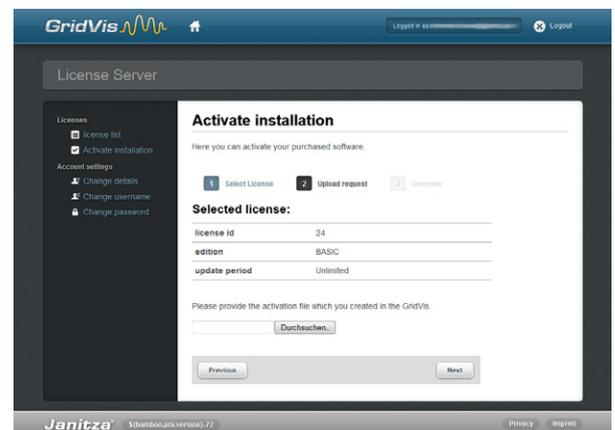


Fig. GridVis License server (load the request file)

- The window below provides a brief overview of the selected license that you can activate by clicking the Activate button. The License server then sends an e-mail with the required activation file to the specified e-mail address.
- Open your e-mail client and save the attached activation file on your computer (e.g. on the desktop).
- Select within the GridVis software in the License manager window (e.g. via the link Show the License manager in the Welcome window or using the menu Tools / License manager).
- Import the previously saved activation file via the Import the activation file option.
- The license will be activated and displayed in the License manager window on the right.

Select from your list of editions

- This button is used to activate further GridVis software installations of an already available edition (see Software versions). Thereby, the installation for an edition with an available number of versions is integrated with free installations.
- Create a request file in the GridVis software as described above.
- Click Select from your list of editions after you log in to the License server.
- Select a required license from a list of already activated licenses and click Next to confirm your selection.
- Select the request file (see the Create a request file section above) created using the GridVis software by pressing the Browse button, and then click Next.
- The window below provides a brief overview of the selected license that you can activate by clicking the Activate button. The License server then sends an e-mail with the required activation file to the specified e-mail address.
- Open your e-mail client and save the attached activation file on your computer (e.g. on the desktop).
- Select within the GridVis software in the License manager window (e.g. via the link Show the License manager in the Welcome window or using the menu Tools / License manager).
- Import the previously saved activation file via the Import the activation file option.
- The license will be activated and displayed in the License manager window on the right.

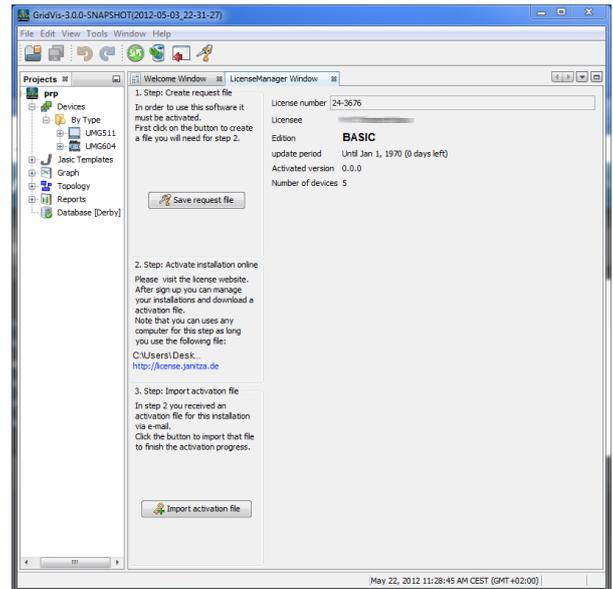


Fig. GridVis License manager window

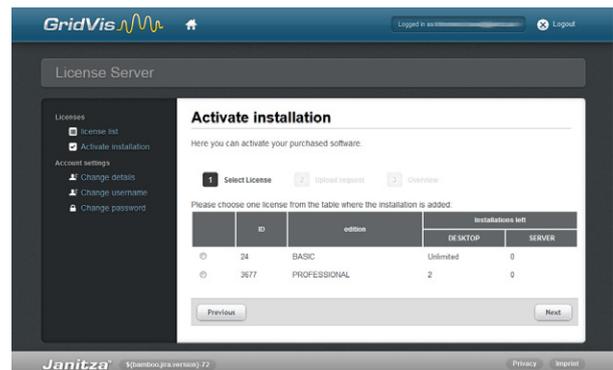


Fig. GridVis license server (select the edition)

## GridVis License Server

### Registration and Login

The License server is used to manage the licenses and editions required for the GridVis visualization software.

- Open an Internet browser on an Web-connected computer and go to <https://license.janitza.de>.
- If you do not have an online customer account, you should first create an account by clicking the Sign up button.
  - Click Sign up.
  - Complete the Register account form. The fields marked with \* are mandatory and thus must be filled in. Click Next to confirm the information entered.
  - Read the Terms and Conditions and accept them for a successful registration.
  - For safety reasons, you will be asked to enter a code in the final step of the registration, which is provided as an image above the input field. Please enter the characters shown in the input field. Click Login to quit the Registration.
  - The GridVis License server will send a verification e-mail to the specified e-mail address to complete a successful registration by going to the link provided in the e-mail, which returns you to the License server.
  - Click Register product or Activate installation to activate the GridVis software.
- If you already have an online customer account, please enter your e-mail address and password once you have clicked Login.
- For further information on the activation of an GridVis edition see *Login and Activation of the GridVis Software*



Fig. GridVis License manager (homepage)

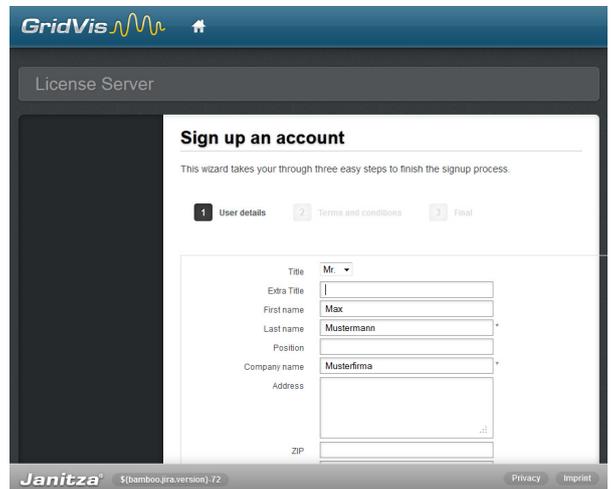


Fig. GridVis License server (log into account)

## License Overview Menu

The License list menu is a listing of all registered licenses for the respective GridVis editions. This menu can be further enhanced by an Upgrade (later edition of the existing licence) and License extension options. The License extension specifies the update period for an existing license, i.e. the period of time when new free versions can be installed

- Upgrade your license
- Add Installation
- Extend your license
- Resend activation files

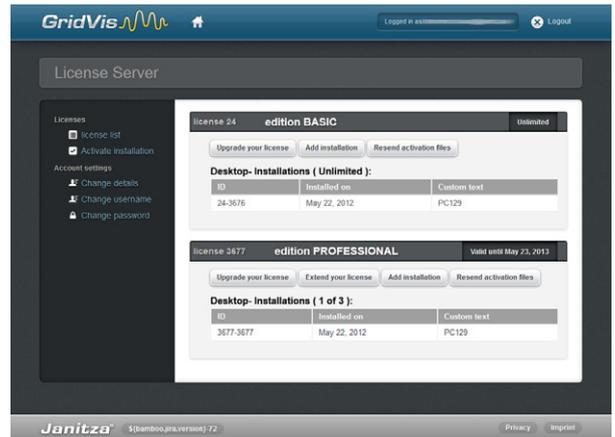


Fig. GridVis License server (license overview)

## Add installation

Use this button to activate new GridVis installations on the License server (linking an installation to a license).

- Select the request file (see Login and Activation of the GridVis Software) created using the GridVis software by pressing the Browse button, and then click Next.
- The window below provides a brief overview of the selected license that you can activate by clicking the Activate button. The License server then sends an e-mail with the required activation file to the specified e-mail address.
- Open your e-mail client and save the attached activation file on your computer (e.g. on the desktop).  
Note: If you need to upload the activation file to another computer that has no Internet access, save the file on a USB flash drive.
- Select within the GridVis software in the License manager window (e.g. via the link Show the License manager in the Welcome window or using the menu Tools / License manager).
- Import the previously saved activation file using the Import activation file option.
- The license will be activated and displayed in the License manager window on the right.

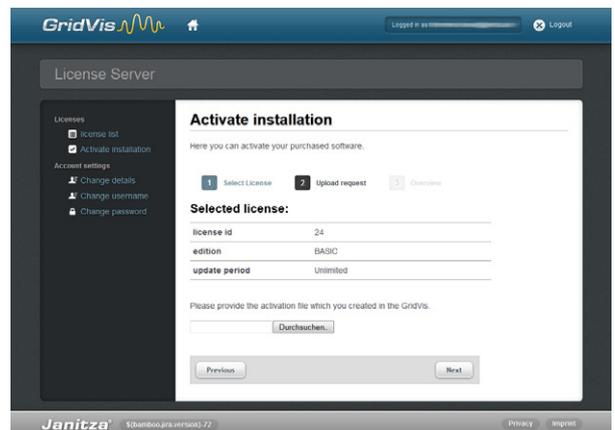


Fig. GridVis License manager (download request file)

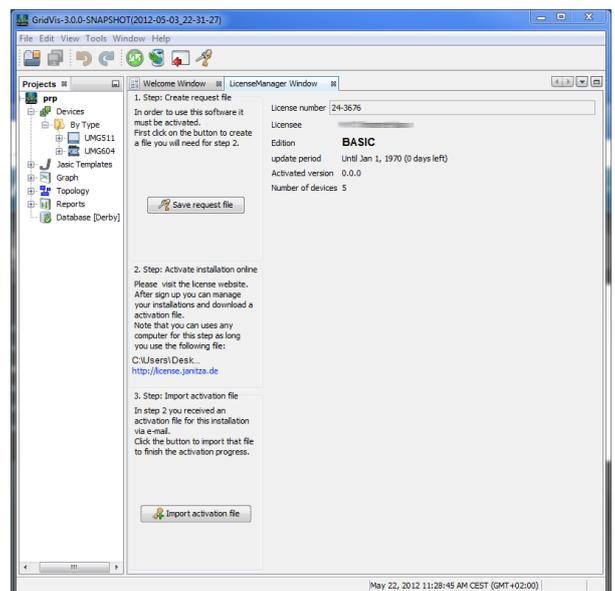


Fig. GridVis License window

## Upgrade GridVis Edition (License Upgrade)

To upgrade the installed GridVis software, you need to have a serial number.

- If the computer has an Internet connection, you can start the browser and go to <https://license.janitza.de> to access the GridVis License server directly.
- Enter your personal access data (e-mail address and password) and log in by clicking the Login button.
- Select the License list menu item.
- Start the wizard by clicking the Upgrade your license button to upgrade the license.
- Enter the newly purchased serial number into the form field and click Next to confirm.
- Use the License Upgrade button in the Overview window to activate the Upgrade. Click Upgrade license to forward the required activation file to the specified e-mail address.
- Open your e-mail client and save the attached activation file on your computer (e.g. on the desktop).
- Select within the GridVis software in the License manager window (e.g. via the link Show the License manager in the Welcome window or use the menu Tools / License manager).
- Import the previously saved activation file using the Import the activation file option.
- The license will be activated and displayed in the License manager window on the right.

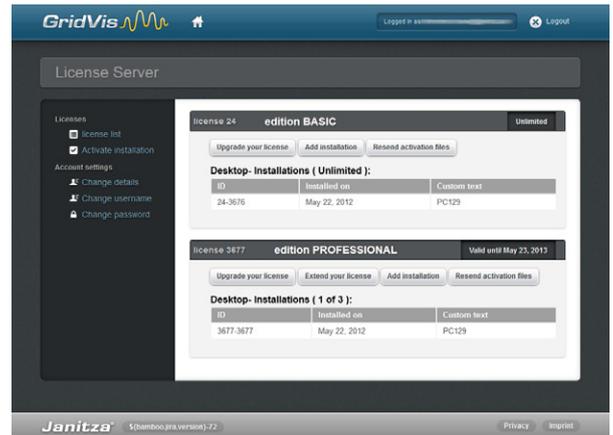


Fig. GridVis License server (License Overview)

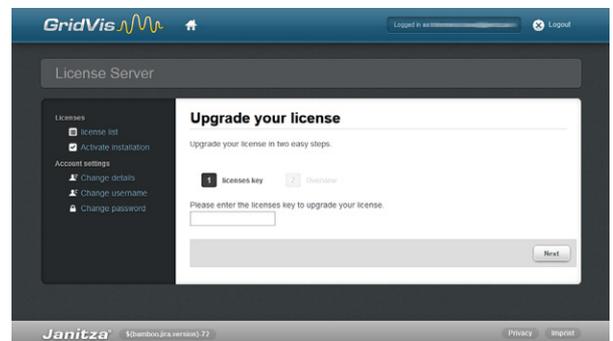


Fig. GridVis License server (License Upgrade)

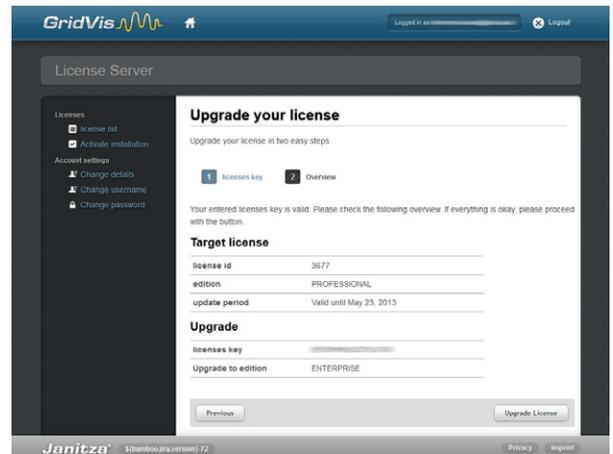


Fig. GridVis License server (License Overview)

## GridVis License Extension

The period of time when new free versions (updates) may be installed can be extended via the GridVis License server.

- If the computer has an Internet connection, you can start the browser and go to <https://license.janitza.de> to access the GridVis License server directly.
- Enter your personal access data (e-mail address and password) and log in by clicking the Login button.
- Select the License list menu item.
- Start the wizard by clicking the Extend your license button to review the license.
- Enter the new serial number into the form field and click Next to confirm.
- Click Extend license on the Overview page to complete the process.
- Click Resend activation files (License list menu) to forward the required activation file to the specified e-mail address.

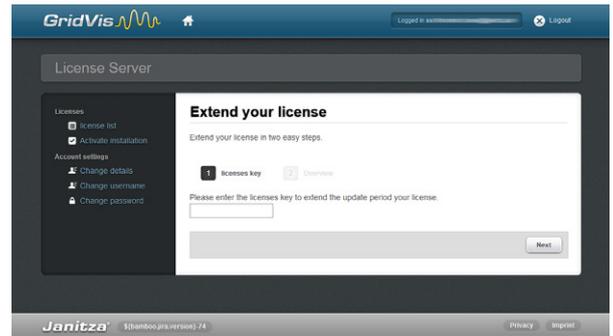


Fig. GridVis License server (License Extension)

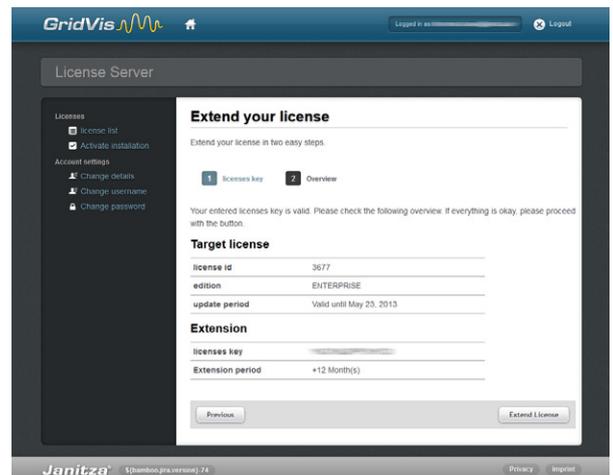


Fig. GridVis License server (License Extension)

## Send New Activation Files

Click Resend activation files to forward the required activation file to the specified e-mail address.

- Start up a browser on an internet-connected computer and call up the GridVis License Server at <https://license.janitza.de>.
- Complete your login details (e-mail address and password) and login by pressing the login button.
- Select the „License list“ menu item under licences.
- Start the process by pressing the „Resend activation files“ button.

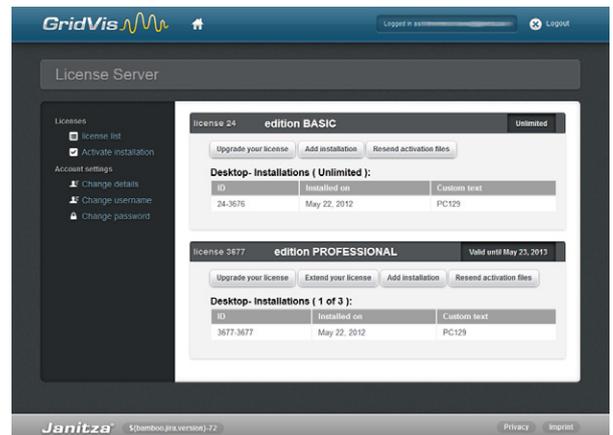


Fig. GridVis License server (License Overview)

## Activate Installation Menu

### Activate Installation

Use this menu item to activate various editions on the License server. The activation (linking an installation to a license) of the GridVis software on the License server - depending on the edition - enhances functionality.

- Use Purchased Edition
- Use Basic Edition
- Select from your list of edition

Further information about activating a GridVis-Edition can be found at *GridVis Installation and Activation*.

### Use Basic Edition

You need to activate this version before you can use it.

- Select the request file (see Login and Activation of GridVis) created using the GridVis software by pressing the Browse button, and then click Next.
- This window provides a brief overview of the selected license that you can activate by clicking the Activate button. The License server then sends an e-mail with the required activation file to the specified e-mail address.
- Open your e-mail client and save the attached activation file on your computer (e.g. on the desktop).  
Note: If you need to upload the activation file to another computer that has no Internet access, save the file on a USB flash drive.
- Start the GridVis software and select in the License manager window (e.g. via the link Show the License manager in the Welcome window or using the menu Tools / License manager).
- Import the previously saved activation file using the Import the activation file option.
- The license will be activated and displayed in the License manager window on the right.

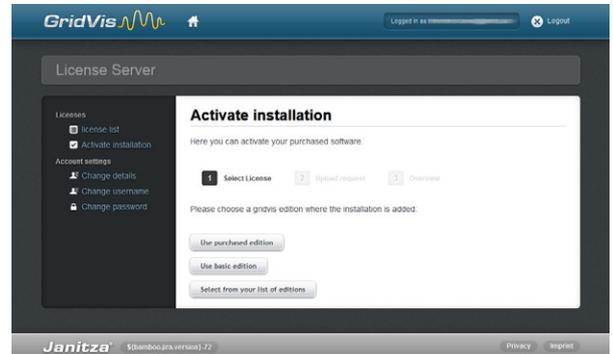


Fig. GridVis License server (Selection and Activation)

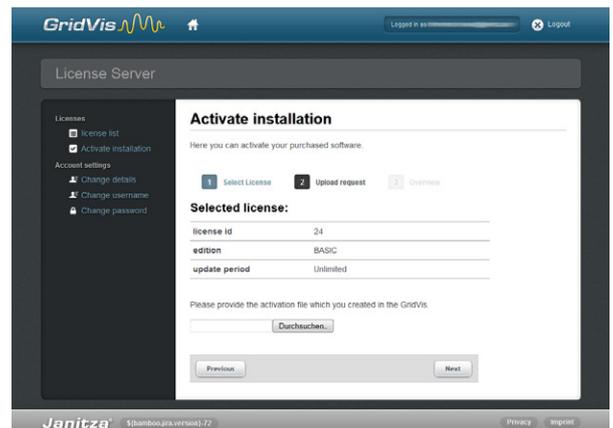


Fig. GridVis License server (download the request file)

## Use Purchased Edition

When you use a newly purchased edition of the GridVis software (e.g. Professional or Enterprise edition etc.), you must also have a serial number, which is located on the CD cover or on the product delivery note.

- Select Use Purchased Edition on the Activate Installation page and paste your serial number in the form field. Click Next to confirm.
- Select the request file (see Login and Activation of the GridVis Software) generated using the GridVis software by pressing the Browse button, and then click Next.
- The window below provides a brief overview of the selected license that you can activate by clicking the Activate button. The License server then sends an e-mail with the required activation file to the specified e-mail address.
- Open your e-mail client and save the attached activation file on your computer (e.g. on the desktop).  
Note: If you need to upload the activation file to another computer that has no Internet access, save the file on a USB flash drive.
- Start the GridVis software and select in the License manager window (e.g. via the link Show the License manager in the Welcome window or using the menu Tools / License manager).
- Import the previously saved activation file using the Import the activation file option.
- The license will be activated and displayed in the License manager window on the right.

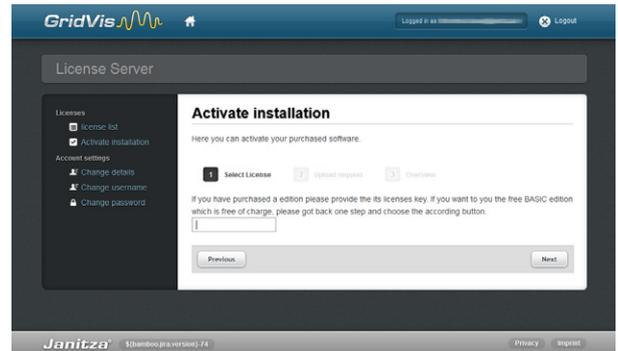


Fig. GridVis License server (serial number input)

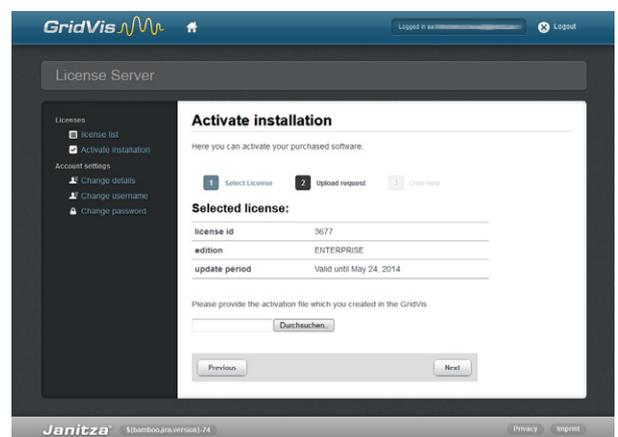


Fig. GridVis License server (upload the request file)

## Use Already Available Edition (select from your list of edition)

This button is used to activate further GridVis software installations of an already available edition (see Software versions). Thereby, the installation for an edition with an available number of versions should be integrated with free installations (see Figure on the right)

- Select the required edition (with an available number of installations) and click Next to continue.
- Select the request file (see Login and Activation of the GridVis Software) created using the GridVis software by pressing the *Browse* button, and then click *Next*.
- The window below provides a brief overview of the selected license that you can activate by clicking the *Activate* button. The License server then sends an e-mail with the required activation file to the specified e-mail address.
- Open your e-mail client and save the attached activation file on your computer (e.g. on the desktop).  
Note: If you need to upload the activation file to another computer that has no Internet access, save the file on a USB flash drive.
- Select within the GridVis software in the *License manager window* (e.g. via the link *Show the License manager* in the *Welcome window* or using the menu *Tools / License manager*).
- Import the previously saved activation file using the *Import the activation file* option.
- The license will be activated and displayed in the *License manager window* on the right.

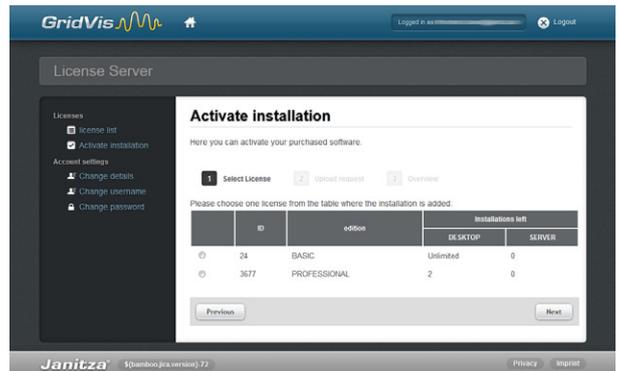


Fig. GridVis License server (select an edition)

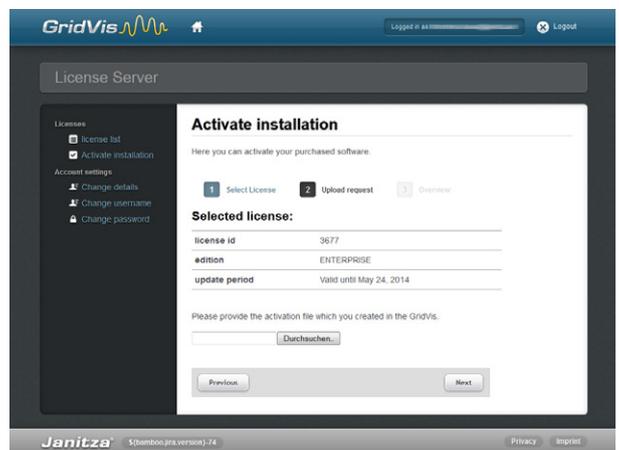


Fig. GridVis License Server (upload the request file)

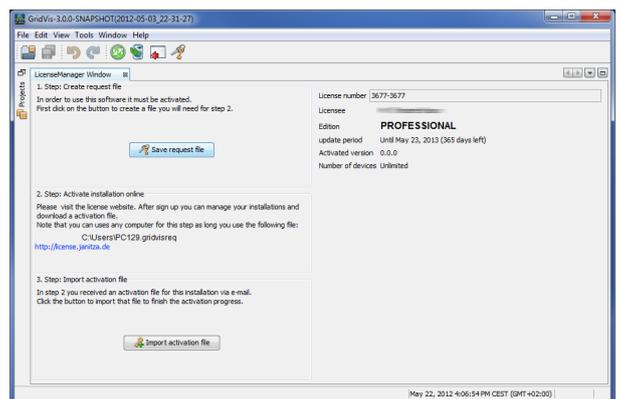


Fig. GridVis software (License manager window)

## Account Settings Menu

### Change E-mail

Use the Change E-mail account settings to change the e-mail address required for Login. Once you have entered your new e-mail address, click Send to receive an e-mail confirmation from the Grid-Vis License server.

### Change Password

Use the Change password account settings to change the password required for Login. The new password must be at least 6 characters long with a desired combination of letters and numbers. Click Change Password to apply changes.



Fig. GridVis License server (changing your e-mail address)

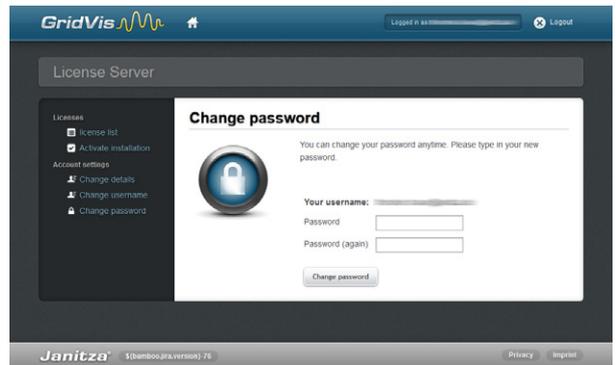


Fig. GridVis License server (changing password)

## GridVis Service

### Requirements

The following basic requirements must be met to use the GridVis Service software:

- A license for the GridVis Service module
- A Windows Server (2003, 2008, 2008r2) or a Windows PC (Windows XP, Vista, Windows 7)
- At least 8 GB of storage (RAM)
- A MySQL/MSSQL server

### GridVis Service Installation

The Setup wizard will guide you step by step through the installation of the GridVis Services..

- Close all open programs before installing the GridVis software.
- Start the installation program and follow the instructions of the wizard.
- Read the license agreement and accept the appropriate terms and conditions for a successful installation.
- Use the *Browse* button to select the target folder for the installation files or confirm the default path. Click *Next* to confirm the selection.
- Select the location folder by clicking the *Browse* button or confirm the default path. Click *Next* to continue.
- Determine the port for communication (internal HTTP server) or accept the default port number. Click *Next* to continue the installation.
- Prior to the completion of the installation, the wizard displays the link in blue font for the web interface (see Fig. GridVis Service (complete the installation)).
- Please note this link down since you will need it later to access the Web interface!
- Click *Finish* to complete the installation.
- Start the edition as described in „Start GridVis Service and Login“.

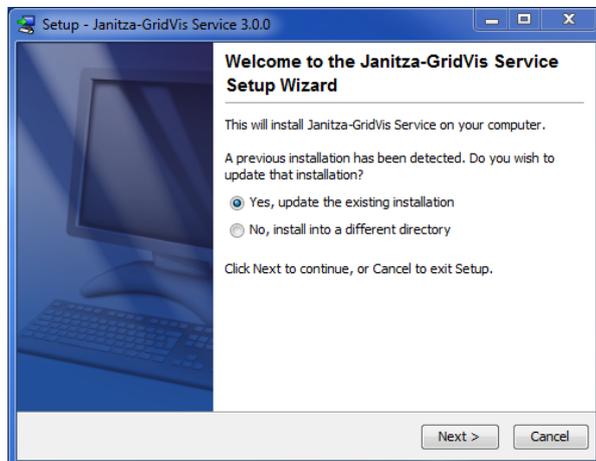


Fig. GridVis Service (Installation Wizard)

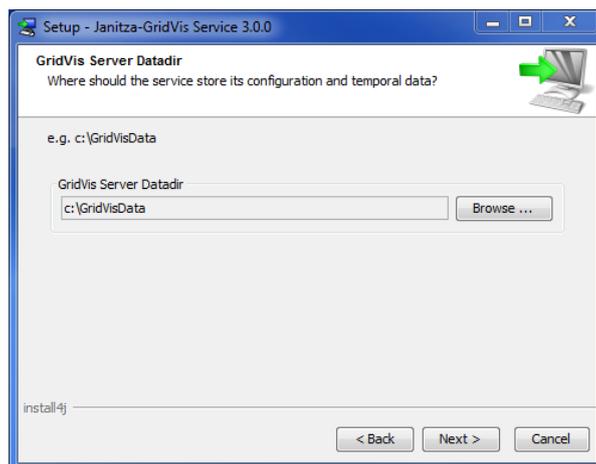


Fig. GridVis Service (specify installation path)

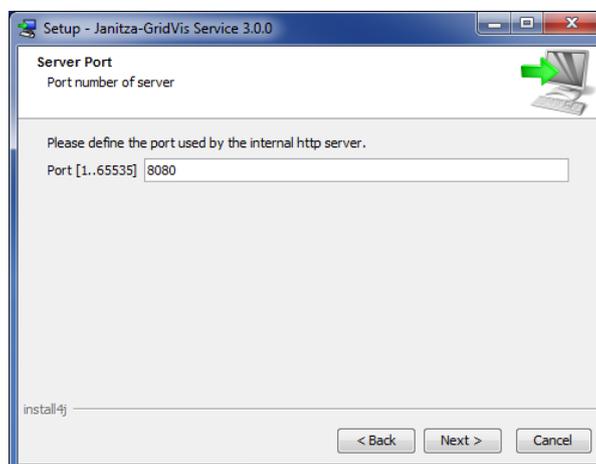


Fig. GridVis Service (select port number)

## Start GridVis Service and Login

- Start an Internet browser and enter the web address (URL) *http://localhost* followed by a colon and the port number assigned during installation. If you followed the instructions of the installation wizard, the Web interface will start at *http://localhost:8080*.
- Enter your personal access data (username and password) to login. When you log on for the first time (e.g. after installation), enter **admin** as a user name and **Janitza** as a password. Please note that the system is case-sensitive.
- Click Login to log on to the GridVis Service software interface.
- Follow the instructions to activate the GridVis Service Edition (see *Activate Edition*).
- Enter a server name, if you have not done it before (see *Server Configuration Menu*).
- 
- Download a Project generated using the GridVis Basic, Professional or Enterprise editions (see *Setup Project Menu*).



Fig. GridVis Service (Login)

## Activate Service Edition

The installation of the GridVis Service software is activated through a wizard by selecting a request and activation file within the License overview.

- Create a request file as described in Step 1. Assign a unique file name and save it by clicking the *Download request file* on your computer.

If the computer is NOT connected to the Internet, the newly created file (Request file) can be copied to an external storage device (such as a USB flash drive) and sent to the License server via another computer with an Internet access.

- If the computer has an Internet connection, you can start the browser by going to <http://license.janitza.de> to access the License server directly.
- If you do not have an online customer account, you should first create an account by clicking the *Sign up* button.
  - Click *Sign up*.
  - Complete the Register account form. The fields marked with \* are mandatory and thus must be filled in. Click *Next* to confirm the information entered is correct.
  - Read the Terms and Conditions and accept them for a successful registration..
  - For safety reasons, you will be asked to enter a code in the final step of the registration, which is provided as an image above the input field. Please enter the characters shown in the input field. Click *Finish sign up* to complete the Registration process.
  - The GridVis License server will send a verification e-mail to the specified e-mail address to complete a successful registration by going to the link provided in the e-mail, which returns you to the License server.
  - Click *Activate Installation* to activate the GridVis software.
- If you already have an online customer account, please enter your e-mail address and password once you have clicked *Login*.
  - Click *Activate Installation* to activate your software.
- Click *Use Newly Purchased Edition* to start the Acivate Installation wizard..
- Enter the serial number located on the CD cover or the product delivery note into the form field. Click *Next* to confirm.
- Select the request file (see Download request file) created using the GridVis software by pressing the *Browse* button, and then click *Next*.

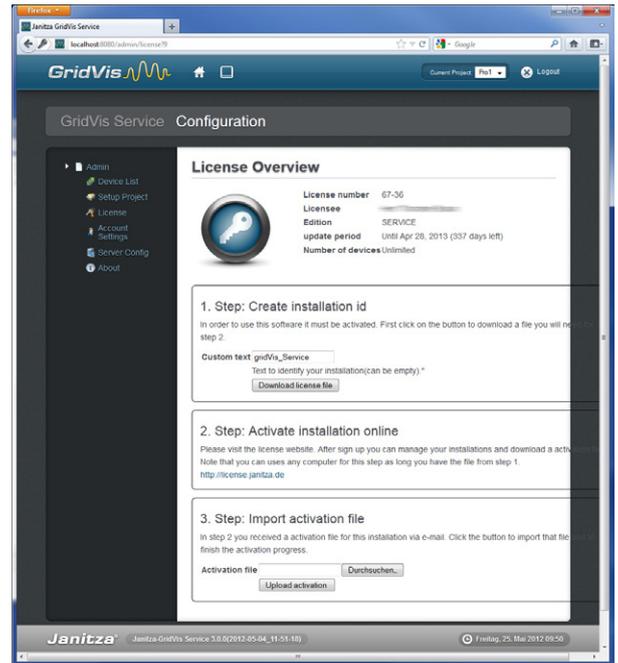


Fig. GridVis Service (license configuration)

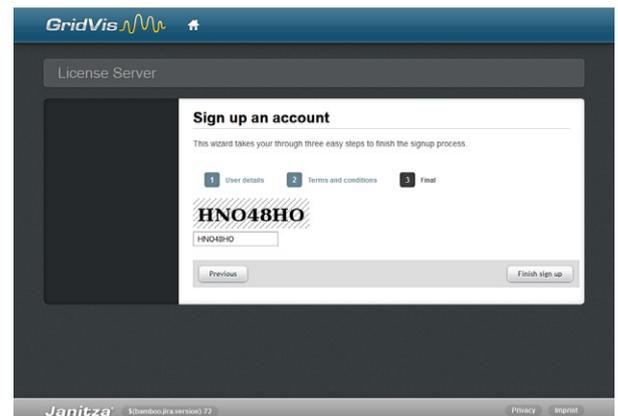


Fig. GridVis License server (logging into account)

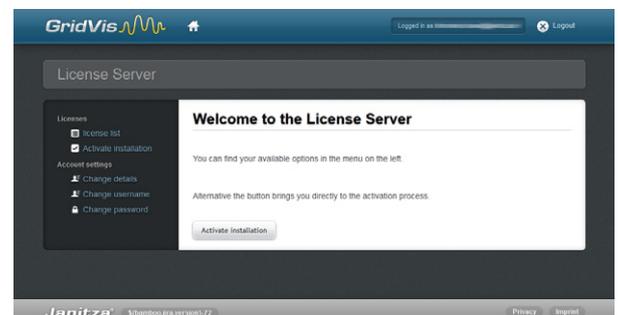


Fig. GridVis License server

- The window below provides a brief overview of the selected license that you can activate by clicking the *Activate* button. The License server then sends an e-mail with the required activation file to the specified e-mail address.
- Open your e-mail client and save the attached activation file on your computer (e.g. on the desktop or an USB flash drive).
- If the GridVis Service interface was closed, restart it by going to localhost (e.g. <http://license.janitza.de>) and log on.
- Select the activation file you have received by pressing the *Browse* button. Click *Open* or *Upload activation* file to confirm your selection.
- Assign a server name after successful activation (*Server Configuration* Menu).
- Note: It is recommended that you change your password after the installation to ensure safety (*Account Settings* Menu (Password)).

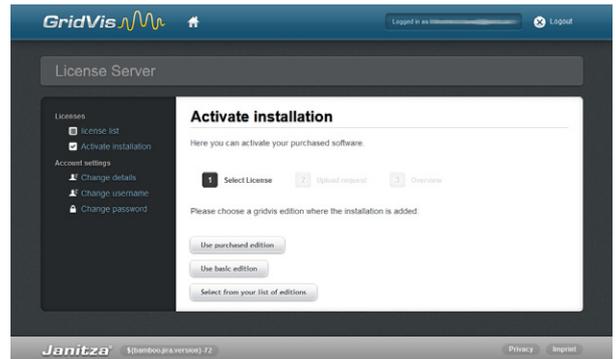


Fig. GridVis License server (starting the wizard)

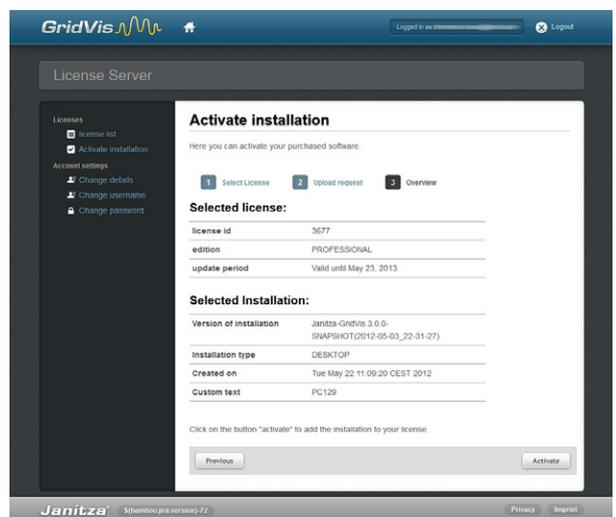


Fig. GridVis License server (brief overview of the licenses for activation)

## Display Device List

The device list provides an overview of the devices integrated in the project.

- If you select a device by clicking the mouse, use the pop-up menu to perform a connection test. If the computer is Web-connected, the selected device is highlighted in green.
- Use the (“>”, “>>”, “<”, “<<”) buttons to switch between pages if more than one device is displayed.
- Use the Filter text input field to display a specific selection of devices. The devices are filtered accordingly and displayed once the filter input has been matched with the type, name, description, and connection data.
- Click *Overtake all* to confirm and manage the devices selected for the project.
  - The devices added for the project in the GridVis software (Basic, Professional, Enterprise) are saved in GridVis and managed by the Basic, Professional or Enterprise software editions (e.g. automatic synchronization, time synchronization, online records and watchdog).
  - When you install the GridVis Service software, you should also set a priority (responsibility) between two versions of the software by clicking the Overtake all button. Use the respective software to make any subsequent changes.
  - If the device priority (responsibility) is set for the Basic, Professional or Enterprise editions, a warning message will appear in the device list of GridVis Service (see figure on the right). Click the *Overtake all* button to accept the priority.
  - A message indicating the lack of priority (“This application does not have the priority rights for one or more devices”) occurs when you start Basic, Professional or Enterprise editions which have access to project set up in the GridVis software. Click OK to confirm.
  - If you wish to transfer the priority (responsibility) of the devices to the Basic, Professional or Enterprise editions, you should make changes within these editions. To do this, open the project dialog with the corresponding project tree and highlight the device by clicking the right mouse button. Then select the *Takeover device* option in the pop-up menu.

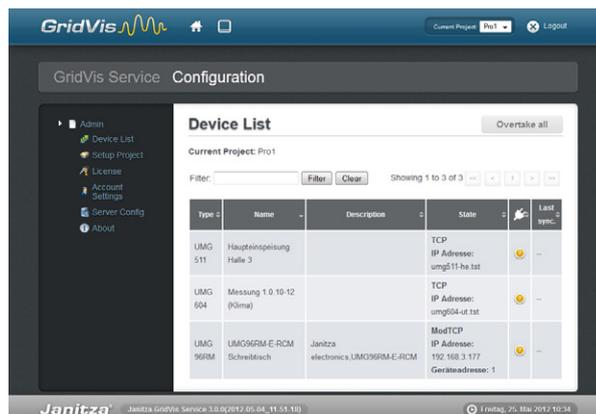


Fig. GridVis Service (project device list)

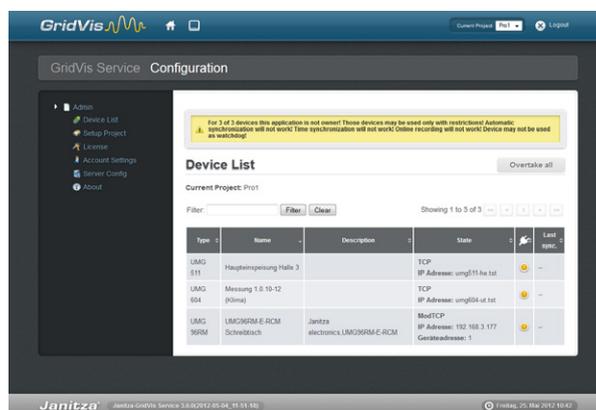


Fig. GridVis Service (device list with control message)

## Project Setup

The projects that have been created in the GridVis software (Basic Edition, Professional or Enterprise) should be integrated into project settings. In this case, these projects require access to MySQL or MSSQL database. If the project was created using a Derby database, the project cannot be integrated into the GridVis Service software.

- Set the path, including the name of the project created in the GridVis software.  
If a project named *Pro1* was created in the *C:\Temp*, the *C:\Temp\Pro1* path should be entered under Project settings in the GridVis Service software.

The entire path of the project created in the GridVis software (Basic, Professional or Enterprise) can be read out in the respective edition. Therefore:

- Open the GridVis software (Basic, Professional or Enterprise).
- Download or create an appropriate project.
- Click the top node of the respective project tree in the project window.  
(if the dialog does not appear, it can be displayed under Dialog/projects).
- The Overview window provides an overview of the information on the project with the project directory.  
(if the dialog does not appear, it can be displayed under Dialog/projects)
- Click *Load Project* to download a preset project. An overview of the devices integrated in the project will be displayed when you open the project (see Device List Menu).

**Please note that the GridVis software does not support Derby databases, i.e. you can not download the projects accessible via a Derby database!**

If you select a project from the Project listing by clicking the left mouse button, you can configure the pop-up menu settings so that the selected project can not be downloaded the next time you start the server.

Use Windows management tools if you need to restart the GridVis software.

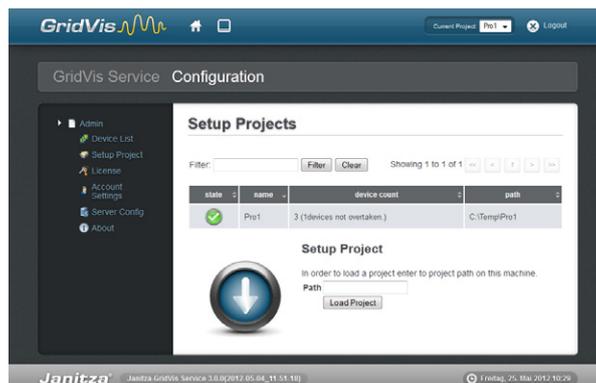


Fig. GridVis Service (project setup)

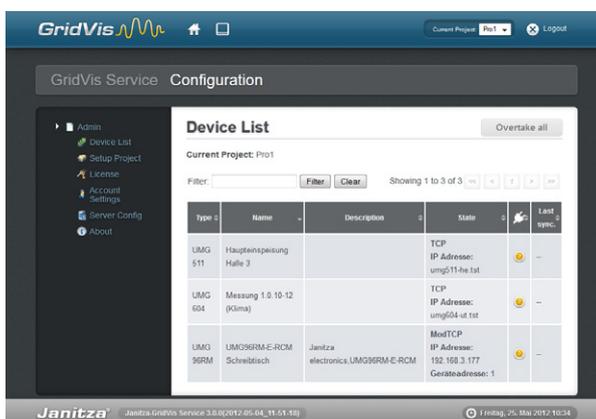


Fig. GridVis Service (project device list)

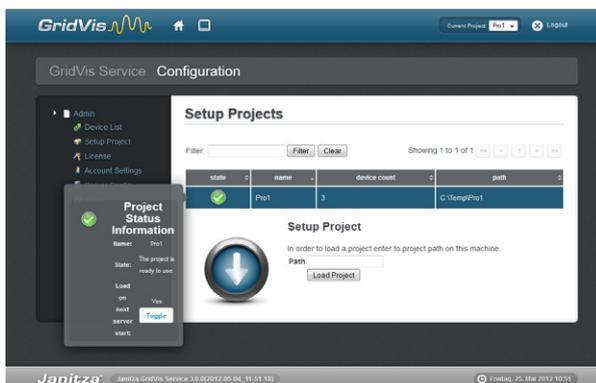


Fig. GridVis Service (project status information)

## License Menu

Use a request and activation file to activate the GridVis Service software through a wizard within the License Overview.

In the current version of the GridVis Service software, the activation should only be done once after the installation as described in *Activate Service Edition*.

## Account Settings

Generate a new password for the GridVis Service under this menu item. For safety reasons, you will be prompted to enter the old password and then input the new one.

- Enter the old password which is still active under **Current password**. When the software is installed for the first time, the password is **Janitza**.
- Enter the desired password under **New Password** and confirm it by entering your password again in the Repeat new password input field.
- Click **Change password** to confirm your entry.

## Server Configuration

The Server Configuration menu should be assigned a unique server name. The server name is used within the GridVis software to uniquely identify the service.

- Enter a unique server name and click **Set server name** to confirm the entry. This process can take several minutes. Please wait until the process is finished..

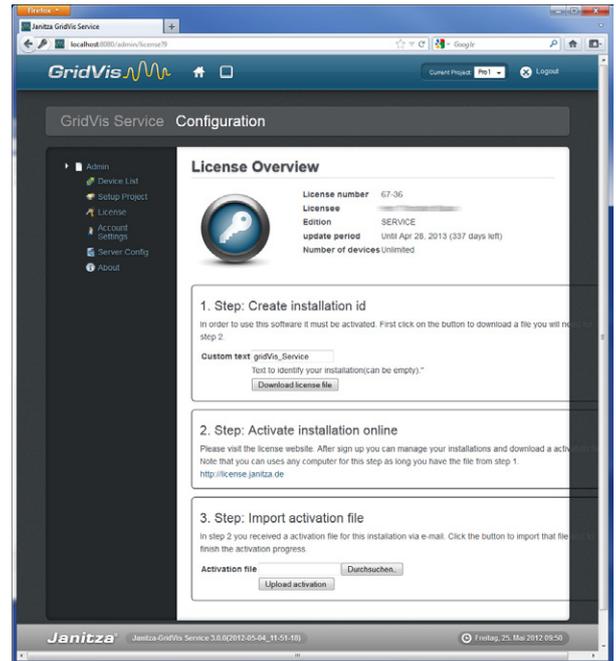


Fig. GridVis Service (license configuration)

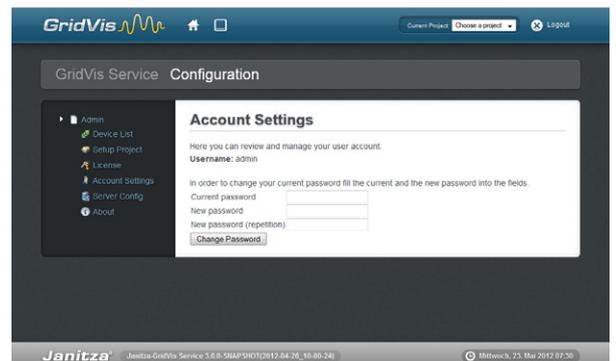


Fig. GridVis Service (change password)



Fig. GridVis Service (set server name)

## About Menu

This menu item displays more information about the GridVis Service software, such as software versions and build IDs. Click *Common*, *Application Log* or *Device Sync Log* to access the so-called log files (logs).

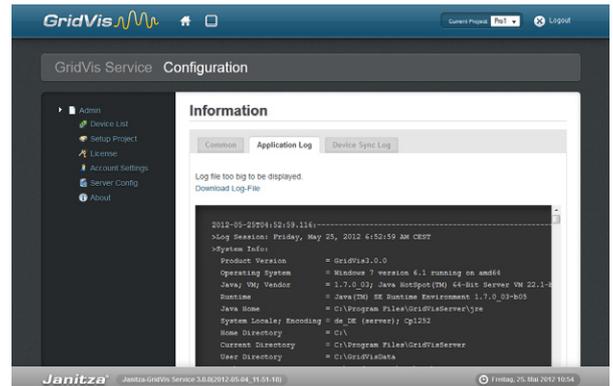


Abb.: GridVis Service (Information)

## Troubleshooting

It may sometimes happen that the connection to the GridVis Service fails or the Service does not reply. Use the Windows management tools to close the GridVis Service.

- Start the Windows Computer Management via System Control.
- Start Service Management via *Service*.
- Browse *GridVis Service* and re-start it by clicking the appropriate button.
- Open an Internet browser and start the GridVis Service interface.

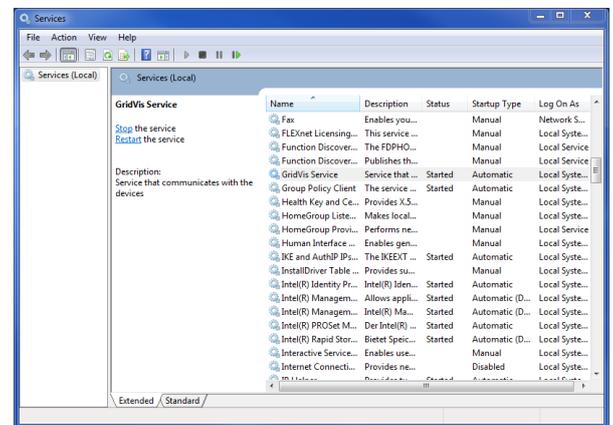


Fig. Windows Management Service