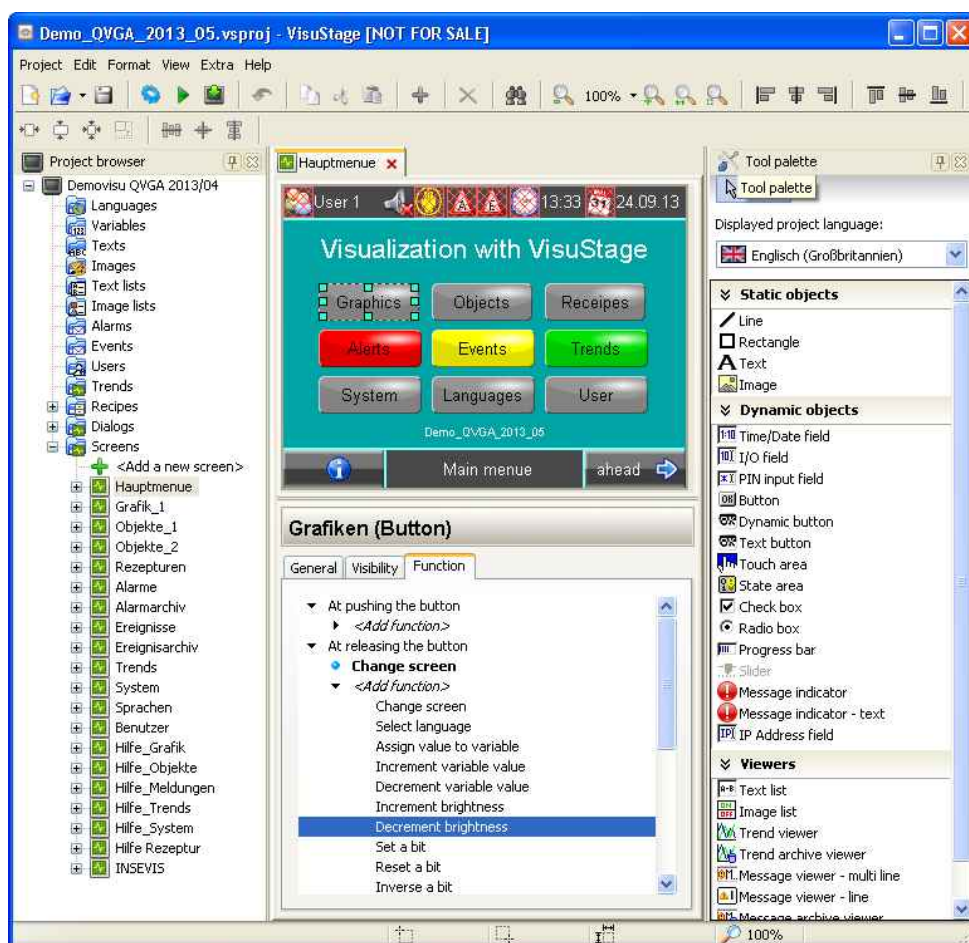


# Product information

## Visualization software

# VisuStage



(valid from 02/2014)

### Changes to older versions of this document

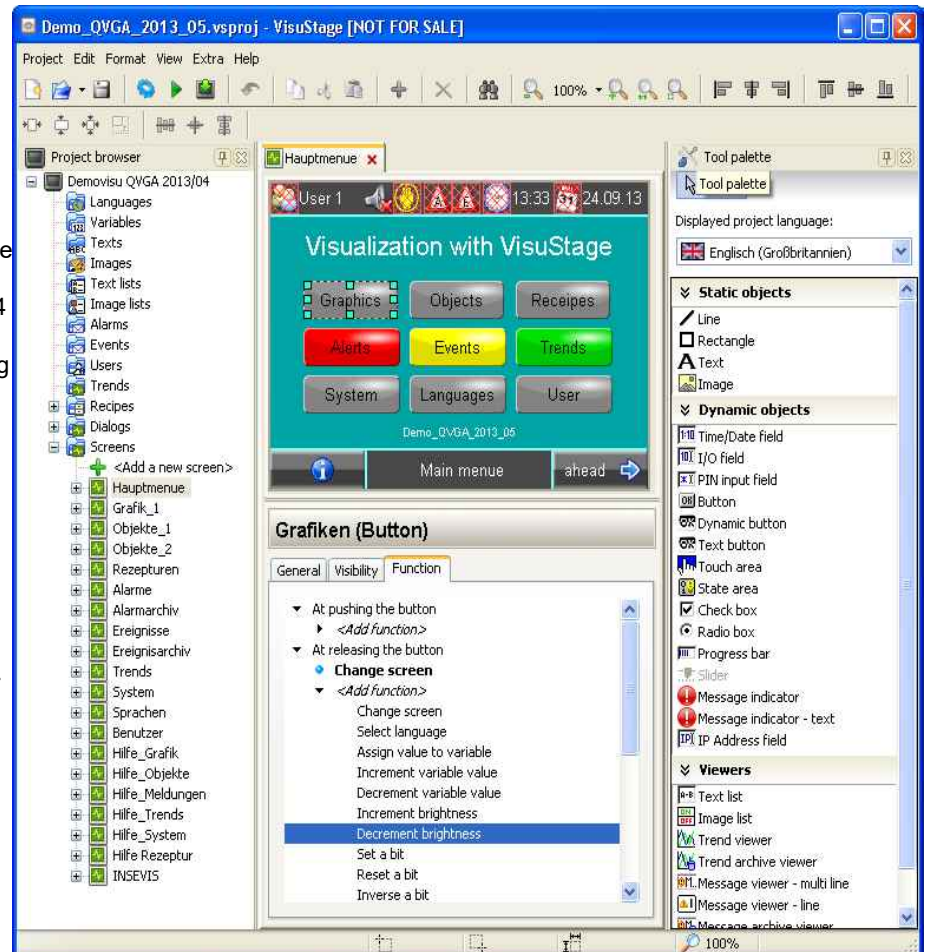
**Changed in Rev. 1:** complete new document from VS 2.0.3.9  
**New in Rev. 1:** new design line, VNC-Server, time synchronization, switch time and language by variable

## General features of VisuStage



The visualization will be done with the PC- tool „VisuStage“. All existing tables of S7-variables including symbol tables, pre-translated texts, alarms and messages can be imported and so they can be visualized easily. The ergonomics are very clear by using a resource pool (e.g. for external translating). This program guarantees a very clear and effective visualization and contains a these useful functions:

- Program language German or English as well,
- Unlimited number of project languages available,
- Creating of rotated screens possible (90°, 180°, 270°)
- Import S7-variables including symbol
- Import/Export of texts as csv-file
- Alarm- and event messaging system and -archive up to 1024 alarms,
- Trend data sampling, displaying and archiving for 4 trends with 16 channels each,
- Recipe management system with up to 64 recipes with 256 elements in 256 records,
- User management system with 9 layers and with password protection,
- Display DBs x;y-values as function graph
- Screen saver, backlight switch-off function, clean screen and buzzer,
- Library with 2D- and 3D-symbols,
- integrated simulation tool with screenshot function
- VNC-viewer
- Time sync with PLC
- Switch language/screen by variables from PLC



In spite of the huge functionality the program size and hardware requirements are minimal.

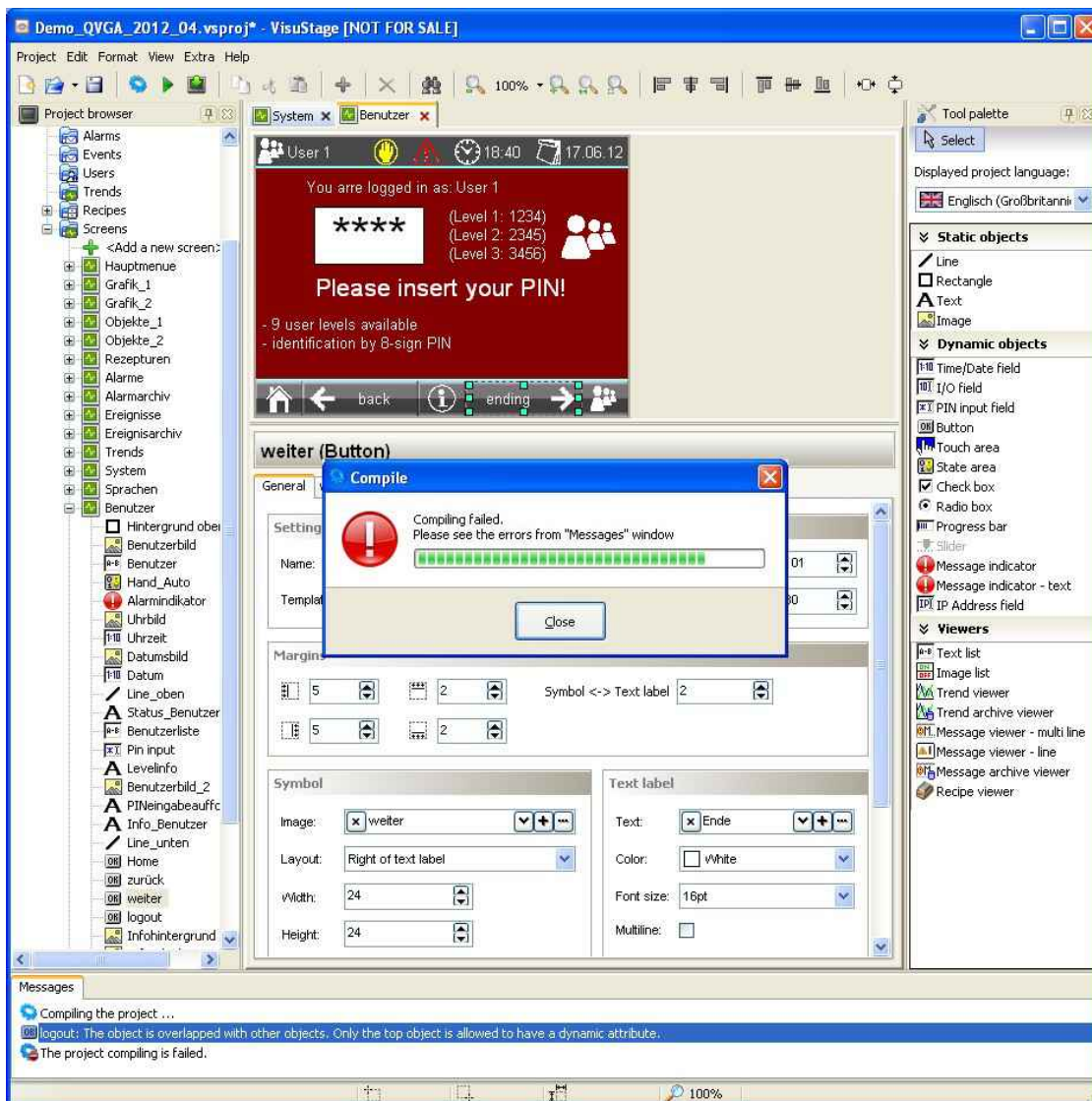
This program is installed and started first time in less than 1 minute. All can be used on a small net book as well as on a PC with multiple monitors.

A free (“Lean”) version contains all features with one language. The company license allows multiple languages for unlimited installations within the company and includes free updates in the first year. There is only a single license needed only for a whole company.

After that a maintenance license extends this for a next year. If there is no maintenance license, the program runs unlimited its last version.

## Compilation and error messages

The VisuStage checks the created visualization project and shows error messages, what lead directly to the wrong object. If there is an error, the Compiler stops with a screen message displaying the object and the kind of error.

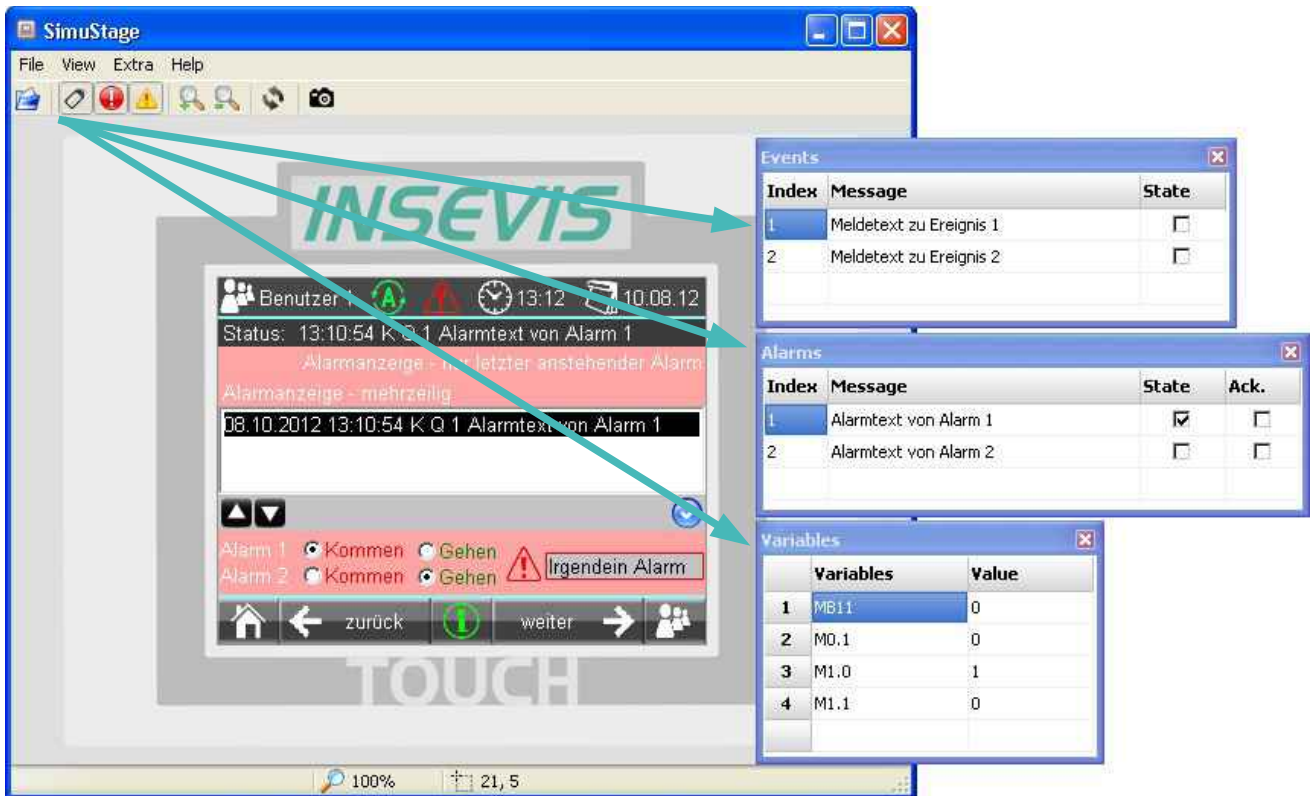


If all errors are deleted, the Compiler creates the binary (\*.bin-file) and the integrated simulation tool **SimuStage** will be started automatically.



## Simulation and download

The VisuStage loads the even compiled binary and starts the simulation (SimuStage) in a new window. There you can operate by mouse like as you were at the touch screen.

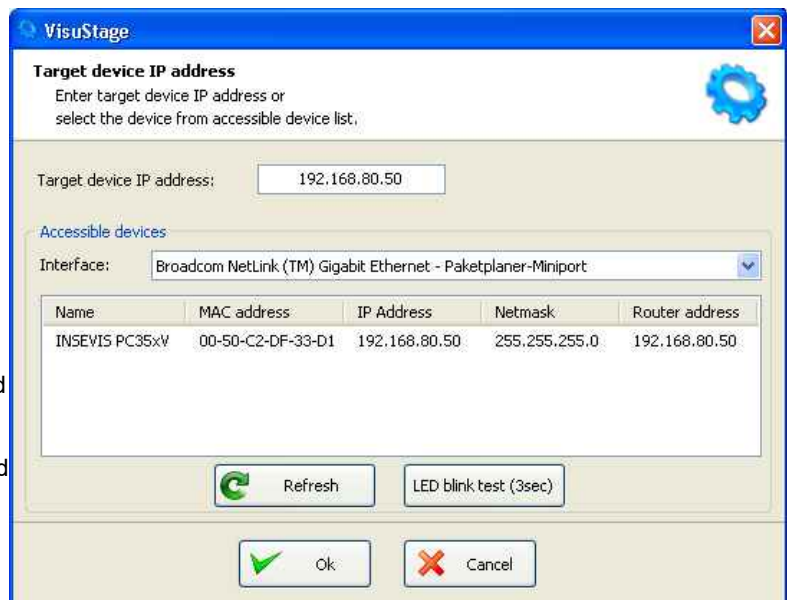


By manipulating variable values in the variable table you can cause changes manually.

With version 2.0.1.0 messages (alarms, events, Coming - Leaving - Acknowledge) can be simulated by checking/unchecking boxes in the SimuStage. So you do not need to create check boxes like in the sample visualization.

It is also possible to generate screenshots of the simulated screen for creating any kind of documentation.

The binary of the visualization will be downloaded to the panel by Ethernet. Either to target-IP - address from the project or to the IP-addresses in the network area you are connected to. (Displayed automatically)



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With publication of this catalog all other versions are no longer valid.