

Press Message

New web-based visualisation software PASvisu by Pilz - Your automation at a glance

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With the web-based visualisation software PASvisu Pilz is launching a high-performance yet simple to use software package for operating and monitoring. The company has developed a platform-independent visualisation package based on the latest web technologies such as HTML 5, CSS3 and JavaScript PASvisu is operated intuitively and provides design freedom for projects: it gives users of Pilz control solutions a complete view of their plant. With PASvisu, Pilz is underlining its claim as a complete safe automation supplier.

The visualisation software enables visualisation projects to be created and configured simply using the PASvisu Builder. Access to all the data in an automation project, including all process variables and OPC namespaces, means there is no need to enter and assign variables manually, a process that is prone to errors. Information such as the project's check sum or the firmware version of the controller head module can also be called up, for example.

Individual visualisation via tiles

Selectable styles via CSS3 provide a uniform, consistent image across the project at the click of a mouse.

Pre-defined graphic input and display elements, called tiles, already provide all the relevant properties, such as prefix, suffix and error status. There is no need to create and group individual elements

manually. The tile is positioned on the configuration page simply via drag and drop and is then filled with the relevant data. Even as the variable name is typed in, the variable is automatically filtered out and simultaneously linked to the tile. That way projects can be handled quickly and without error.

Graphical block diagnostics and simulation

Other miscellaneous information needed in the visualisation project is also processed automatically. Also, changes in the automation project are synchronised automatically and displayed in the PASvisu Builder. Thanks to automatic synchronisation, users are always working with the latest project status.

Online simulation is not all: offline simulation can also be used: without access to the control system, configuration is simplified using a special offline variable editor, which can be used to set and display values.

Remote access via web

PASvisu uses the latest standardised Internet technologies such as HTML5, CSS3 and JavaScript.

JavaScript can be used to expand the functionality of the visualisation projects: pre-defined JavaScripts are available for calculations or scalings. As a result, users can shorten engineering time significantly and save costs.

As HTML5 is used, access is cross-platform and is possible via almost any end device such as PC, tablet or smartphone in the respective web browser. As an example, this facilitates remote maintenance that is based on genuine Client-Server functionality. As a result, remote maintenance can be separated from on-site operation, helping to reduce downtimes.

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About Pilz

Pilz is an innovative automation technology company operating internationally. Pilz uses its solutions to create safety for man, machine and the environment. In addition to the head office in Ostfildern near Stuttgart, the family business is represented with over 2,200 staff in 40 subsidiaries and branches on all continents.

The company's products include sensor technology, electronic monitoring relays, safety relays, configurable and programmable control systems, automation solutions with motion control, systems for industrial communication as well as visualisation solutions and operator terminals.

Pilz solutions can be used in all areas of mechanical engineering, including the packaging and automotive industry, plus the railway technology, press and wind energy sector. These solutions ensure that baggage handling systems run safely at airports and funiculars or roller coasters travel safely; they also guarantee fire protection and energy supply in buildings.

Pilz also provides a comprehensive range of services worldwide, including safety advice, engineering, product training and seminars on the subject of machinery safety.

Pilz in social networks

In our social media channels we give you background information concerning the company and the people at Pilz, and we report on current developments in Automation Technology.



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