

Press Message

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Complete services package for operators of automated guided vehicles - On safe routes

Ostfildern, 07.10.2021 - **With its services package, the automation company Pilz provides advice and support for the implementation of safe applications with automated guided vehicles (AGV). The offering from Pilz starts with the development of safety concepts in the design phase and continues up to commissioning, including training. As such it meets the requirements of the responsible standard ISO 3691-4 and also guarantees productivity in operation.**

Operators of automated guided vehicles or automated guided vehicle systems (AGV/multiple AGV systems) must ensure that their system is not only designed safely but can also be applied in intralogistics safely and above all productively, taking into account all the spatial and infrastructural conditions.

Consider safety aspects at an early stage

For this task Pilz developed a services package that can be individually adapted to the special requirements of the respective application. When developing safety concepts, Pilz gets on board as early as the design phase. Also included is a review of the risk assessment from the AGV manufacturer and a detailed validation of the key safety functions. In this way, safety aspects can be considered at an early stage. Examining the safety of AGV at such an early stage of the acquisition process helps to avoid unnecessary costs and save time.

A risk assessment of the entire application on site at the operator's is essential. All the AGVs in use are examined as part of this process. The next step is then to validate the entire application. The required protected fields or zones are also defined here and mobile systems safeguarded, taking the whole environment into account.

Pilz assumes responsibility for safe implementation

Pilz provides support with all the measures required on site and, upon request, accompanies the operator right through to the international conformity assessment (such as CE marking for example) and assumes responsibility for the safe implementation of the AGV application.

After and indeed even before commissioning, there must be a regular inspection of the proper condition and safe function of the AGV. Pilz can undertake this too as part of the complete package. Training on the safe operation of an AGV application continues to be available for users in the interests of sustainable knowledge building.

Further information on the product is available [here](#).



Caption: With this services package from Pilz, which has been tailored specifically to the requirements of automated guided vehicle systems, users receive everything they need for the safety and productivity of their application – including international compliance services, training and compatible components. (Photo: © Pilz GmbH & Co. KG)

You can find texts and images for downloading at:

<https://www.pilz.com/en-INT/company/press/messages/articles/229386>

Pilz - The Spirit of Safety

Pilz is a global supplier of products, systems and services for automation technology. As a pioneer of safe automation, Pilz creates safety for human, machine and environment. Founded in 1948, today the family business with its head office in Ostfildern is represented worldwide with 2500 employees in 42 subsidiaries and branches.

The technology leader offers complete automation solutions for Safety and Industrial Security on the machine. These include sensor, control and drive technology - as well as systems for industrial communication, diagnostics and visualisation. An international range of services with consulting, engineering and training completes the portfolio. Pilz solutions are used in many industries beyond mechanical engineering, such as intralogistics, packaging, railway technology, or the robotics sector for example.

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.



<https://www.facebook.com/pilzINT>



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