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Press Message

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New CEFS qualification from Pilz - Certified Expert in Functional Safety - Fit for functional safety

Ostfildern, 31.03.2022 - **Pilz further expands its worldwide expert level training offer: training delegates can now also raise their knowledge of functional safety to expert level. The CEFS - Certified Expert in Functional Safety - qualification certified by TÜV Nord does more than convey theoretical knowledge, such as the normative specifications of EN ISO 13849 and EN IEC 62061. Once qualified, delegates are able to build and assess complex safety systems themselves - from design and verification through to implementation.**

CEFS training is aimed primarily at machine manufacturers, designers and integrators who already have prior knowledge of functional safety and carry a special responsibility for safe control systems. CEFS is also designed for professionals who are responsible on a daily basis for the safety of new and existing machines, such as design or safety engineers for example.

Mix of theory and practice

In a two-day training course, Pilz experts demonstrate the current normative and technical demands placed on a functional safety system for machinery. A special feature of certification at Pilz: the focus is on the specifications of the two [standards EN ISO 13849](#) and [EN IEC 62061](#), their similarities and differences.

Starting with the basics of safety control systems, the course also covers the design of such systems or the prevention and control of systematic failures. By using a virtual machine model and practical coursework during training, delegates can experience the building of complex safety systems and use that experience for their own applications in their everyday working life.

Recognised worldwide

Once training delegates pass the exam, they receive a certificate issued by TÜV NORD. This is recognised worldwide and entitles the bearer to use the title “CEFS – Certified Expert in Functional Safety”.

For more information on the [qualification](#) and to [register](#)



Caption: Become a functional safety expert with Pilz: The new CEFS qualification - Certified Expert in Functional Safety. (Photo: © Maskot/Maskot/Getty Images, © iStock.com/zanskar, ©Pilz GmbH & Co. KG)

You can find texts and images for downloading at:

<https://www.pilz.com/en-INT/company/press/messages/articles/231709>

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>



https://twitter.com/Pilz_INT



<https://www.youtube.com/user/PilzINT>



<https://www.xing.com/companies/pilzgmbh%26co.kg>



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