

## PRESS RELEASE

### **tec.nicum: Machine safety from A to Z**

#### **Safety services for machine manufacturers and operators**

**Wuppertal / Düsseldorf, 4 Mai 2017.** tec.nicum offers all machine manufacturers and machine operators product and manufacturer-neutral consultancy on all aspects of machine safety and supports them in ensuring their machines and workplaces are designed to comply with the relevant standards.

For machine safety, a whole array of standards and regulations have to be taken into consideration. This is a challenge, particularly for small and medium-sized companies. Here, an important aspect of tec.nicum's performance spectrum is the **tec.nicum academy**: It offers a comprehensive programme providing details about directives and standards in general as well as in application-specific contexts.

Individual consultation regarding currently applicable legislation as well as the selection of protective equipment conforming with the relevant standards respectively is provided to machine manufacturers by **tec.nicum consulting**. Furthermore, experts from this segment perform safety-related inspections on existing machines and systems which become necessary, for example, when companies are taken over or sites are relocated. Even risk assessments that operators of machines have to carry out on a regular basis due to the latest amendment of the industrial safety regulations are included in the services offered by tec.nicum consulting. Manufacturers wishing to distribute new machines within the EU must provide evidence of CE conformity, expressed through the CE mark. The technical documentation required to do this as well as all other requisite preparations for EU declaration of conformity is likewise a service offered by tec.nicum consulting

The development of new and also the modification of existing machines and systems requires careful planning. **tec.nicum engineering** supports the client from the outset to develop the best possible design – even from the aspect of machine safety. Specialists in this segment accompany the whole process, from initial planning talks to the definition of requisite safety equipment and to safety testing and inspection of the overall installation as well as the handover of the complete project documentation. The aim here is to create a safe working environment for all kinds of users and, at the same time, to achieve optimum productivity of the systems.

During the implementation of complex safety devices, special requirements of the respective area of industry must be taken into consideration. The experts at **tec.nicum integration** have built up extensive experience from projects in the packaging and food industry, automotive construction, paper manufacture, metal processing industry, chemicals and pharmaceuticals among many others. They install safety switchgear and sensors and, at the same time, take account of the demands on hygiene or explosive areas. Furthermore, they take responsibility for the configuration and assembly of optoelectronic safety products as well as parametrisation or programming of safety control systems. And, tec.nicum integration also carries out various measurements, among which are stopping time measurements as well as measurements prescribed within the scope of occupational safety on light intensity, noise, electromagnetic compatibility (EMC) and vibrations.

tec.nicum offers companies a global network of TÜV Rheinland-certified Functional Safety Engineers, so the services of the international tec.nicum organization can be accessed quickly and easily wherever the customer is.

Detailed information about the performance spectrum of tec.nicum can be found in the **brochure “tec.nicum – Services covering the whole spectrum of machine safety”**, which can be downloaded here: [http://www.tecnicum.com/fileadmin/download/tecnicum\\_brochure\\_en.pdf](http://www.tecnicum.com/fileadmin/download/tecnicum_brochure_en.pdf)  
Visit also the new website: [www.tecnicum.com](http://www.tecnicum.com)

Visit Schmersal from 4 to 10 May 2017 at interpack in Dusseldorf, **Germany, Hall 18, Stand D09.**

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**The Schmersal Group**

In the demanding field of machine safety the Schmersal Group is one of the international market and component leaders. Based on more than 25,000 different switching devices the corporate group offers system solutions for the safety of man and machine.

The company was founded in 1945. It is represented by seven manufacturing sites on three continents and with its own companies and sales partners in more than 60 nations. The Schmersal Group employs around 1,750 people and generated a group turnover in 2014 of approximately € 210 million.

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