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Maintenance solutions for the electronics industry

Smart Maintenance special show at productronica

- **Premiere for the Smart Maintenance Pavilion**
- **Growing importance of maintenance with increasing digitization**
- **Demo park with live scenarios**

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The Smart Maintenance Pavilion will celebrate its premiere at the World's Leading Trade Fair for Electronics Development and Production (November 12-15, 2019). This special show highlights the growing importance of maintenance as digitization of production processes increases. The Smart Maintenance Pavilion provides an overview of current and future applications, solutions, and products for efficient maintenance.

Smart maintenance is necessary to optimize production. According to a study from acatech (German Academy of Science and Engineering), industrial maintenance generates plant availabilities and productivity values to the equivalent of one trillion euros in Germany each year.

In the course of digitization and the associated networking of plants, products and materials, the number of maintenance tasks and responsibilities will continue to grow. In this context, achieving almost 100% availability of highly flexible production systems is one of the major challenges.

Electronics production places high demands on plant availability and safety. Integration of [smart maintenance](#) on the path to the smart factory is therefore an important addition. Plant planning and management must be coordinated holistically to achieve optimum production efficiency.

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These companies will present their solutions at the Smart Maintenance Pavilion

During productronica, Elunic will be presenting its ideas for quality assurance based on deep learning, where visitors will be able to test the machine in a fun way with regard to the speed and precision of the algorithms used. With live demonstrations, Status Pro Maschinendiagnostik will provide insights into online monitoring of machinery in smart factories.

In addition, the Maintenance and Facility Society of Austria (mfa), the Forum Vision Instandhaltung (FVI), Dankl+Partner and the technology partner Messfeld will also participate in the Smart Maintenance Pavilion.

Theory and practice on one platform

The Smart Maintenance Pavilion provides a compact overview of current and future applications, solutions, and products for efficient maintenance. Focal topics include predictive maintenance, condition monitoring, mobile maintenance and augmented reality. Visitors will have an opportunity to talk with experts, experience specific maintenance processes in practice, and learn from the experiences of others.

With a combination of applications (demo park maintenance), guided tours and “Meet the Experts” workshops, visitors will be offered a consolidated mixture of information, practical examples, and experience reports.

Practical knowledge with experience factor

The demo park presents actual problems and innovative solution approaches under everyday production conditions. Visitors can test out various possibilities and ask about specific problems.

Meet the experts – professional expertise

Many maintenance processes require specific solutions and applications. In small, exclusive discussion forums, experts will provide valuable knowledge based on practical case examples and use cases in an interactive format and will answer questions.

More information:

www.productronica.com

About productronica

productronica is the world's leading trade fair for electronics development and production and is supported by the Productronics Association in the German Engineering Federation (VDMA) as a conceptual partner. It has taken place in Munich every two years since 1975 and is a core element of the electronics trade fair network of Munich International Trade Fair. 2017 1,560 exhibitors from 43 countries and 44,987 visitors from 96 countries took part at productronica. The next productronica takes place from November 12 – 15, 2019. www.productronica.com.

Messe München

Messe München is one of the leading exhibition organizers worldwide with more than 50 of its own trade shows for capital goods, consumer goods and new technologies. Every year, a total of over 50,000 exhibitors and around three million visitors take part in more than 200 events at the exhibition center in Munich, at the ICM – Internationales Congress Center München and the MOC Veranstaltungszentrum München as well as abroad. Together with its subsidiary companies, Messe München organizes trade shows in China, India, Brazil, Russia, Turkey, South Africa, Nigeria, Vietnam and Iran. With a network of associated companies in Europe, Asia, Africa and South America as well as around 70 representations abroad for over 100 countries, Messe München has a global presence.