Mitsubishi Electric's Latest Digital Manufacturing Solutions to be Showcased at IIFES 2022 ONLINE

The Mitsubishi Electric Group will be joining IIFES 2022 ONLINE, an exhibition of cutting-edge technologies for automation and measurement, which will be held online from January 26 through February 25, 2022. Visitors will be able to learn how Mitsubishi Electric and its partners can support the transformation of factories and manufacturing processes with the latest digital manufacturing solutions, products and software.

Online visitors will be able to take a closer look at exhibits via a feature page on the Mitsubishi Electric global FA website to be launched in February 2022.

For visitors who wish to take a closer look at the exhibits, a feature page will be launched on the Mitsubishi Electric global FA website in February 2022.

At the virtual event, Mitsubishi Electric will showcase its latest digital manufacturing solutions in seven categories: main concept, design/start-up, manufacturing, operation/maintenance, cloud, industry trends, and small-scale IoT solutions.

Main concept zone

As the main demonstration of the Mitsubishi Electric virtual booth, the company will explain how digital technologies can help optimize the entire production life cycle of design/start-up, manufacturing, and operation/maintenance based on its "e-F@ctory" digital manufacturing concept.

Design/start-up zone

In the Design/start-up section, visitors will be able to learn how to streamline their design and start-up processes with 3D simulators, robots and AI technology. The 3D simulator uses a digital space to help pre-verify the layout of production lines which can significantly help reduce start-up adjustments.

Manufacturing zone

In the Manufacturing section, Mitsubishi Electric will exhibit solutions for monitoring factory operations, total drive solutions with servo systems and data analysis support using an AI data science tool. These solutions incorporate the latest technologies to help customers improve their productivity through real-time analysis and diagnosis of production site data.

Operation/maintenance zone

For operation/maintenance solutions, visitors will be able to learn how to reduce downtime of their production lines through comprehensive recording of operational parameters and easy analysis tools when problems occur.

Cloud zone

Having previously introduced edge computing solutions, Mitsubishi Electric is now turning its attention to adding the benefits of cloud computing to the manufacturing site. At the Mitsubishi Electric virtual booth, a presentation will be provided by Microsoft Japan to explain how Azure can be leveraged with Mitsubishi Electric products to achieve digital twins.

Industry trends zone

The booth will also showcase a section introducing industry trends and

how Mitsubishi Electric strives to contribute to the achievement of the sustainable development goals (SDGs).

Small-scale IoT solutions zone

For customers who prefer to make a small start on their digital manufacturing journey, the Mitsubishi Electric Group also provides small-scale IoT solutions and industry-focused applications, which will also be explained on the Mitsubishi Electric booth.

Mitsubishi Electric will also be taking part in several seminars at the event to talk about the trends and considerations around digital manufacturing solutions, software, energy saving, actual case studies, and much more.

All visitors should register prior to visiting IIFES 2022 ONLINE at:
https://reg.iifes2022-online.jp/
Learn more about IIFES 2022:
https://iifes.jp/

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About e-F@ctory

e-F@ctory is Mitsubishi Electric's integrated concept to build reliable and flexible manufacturing systems that enable users to achieve many of their high speed, information driven manufacturing aspirations. Through its partner solution activity, the e-F@ctory Alliance, and its work with open network associations such as The CC-Link Partners Association (CLPA), users can build comprehensive solutions based on a wide ranging "best in class" principle.

In summary, e-F@ctory and the e-F@ctory Alliance enable customers to achieve integrated manufacturing but still retain the ability to choose the most optimal suppliers and solutions.

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