

New website offers practical guide to making decisions on digital manufacturing investments

Ratingen, Germany 2nd March 2021

Industry 4.0 and digital processes are indispensable for future manufacturing growth. While many companies understand the importance of automation, they sometimes struggle to make it a reality. They need a strong partner with the know-how to guide them. Mitsubishi Electric has a 100-year history of supporting manufacturers, plus a prolific track record for achieving factory automation at its own and other manufacturers' facilities. The approach embodies the Japanese philosophy of Kaizen that is now recognized worldwide.

The company's new website titled "Digital Manufacturing" demonstrates a framework that enables management to make decisions on step-by-step investments to maximize profitability and accelerate growth. This approach, called the "Smart Manufacturing Kaizen Level (SMKL)," is a maturity model to help manufacturers navigate their way through the digital morass by defining shared key actions and expected outcomes across their organization with the target of achieving a high ROI from their digital manufacturing initiatives.

Key Points

1. Ensure everyone in your team shares a clear understanding of where you are with regard to digital manufacturing, where you think you need to be, and how you will plan to get there by using a practical review and planning tool.
2. Match your steps to your own company's individual needs, budgets, objectives and execution speed.
3. Utilize suppliers' know-how for smooth execution, even for complicated processes, based on years of experience.
4. Benefit from optimal solutions offered through collaboration with global experts.

This website also introduces some examples of how customers achieved real ROI around energy reduction, productivity improvements, and cost reductions ranging from 30% to over 90% with the use of Mitsubishi Electric's e-F@ctory digital manufacturing solutions.

For more information, visit the new website "Digital Manufacturing from Mitsubishi Electric" at <https://www.mitsubishielectric.com/fa/sols/digital-manufacturing/en/index.html>



[Source: Mitsubishi Electric Corporation, Japan]

Image caption: Digital Manufacturing from Mitsubishi Electric demonstrates a framework that enables management to make decisions on step-by-step investments

About Mitsubishi Electric

With 100 years of experience in providing reliable, high-quality products, Mitsubishi Electric Corporation is a recognized world leader in the manufacture, marketing and sales of electrical and electronic equipment used in information processing and communications, space development and satellite communications, consumer electronics, industrial technology, energy, mobility and building technology, as well as heating, cooling and air-conditioning technology.

Embracing the spirit of its “Changes for the Better” and its environmental statement “Eco Changes”, Mitsubishi Electric endeavours to be a global, leading green company, enriching society with technology.

With around 146,500 employees the company recorded consolidated group sales of 40.9 billion US Dollar* in the fiscal year ended March 31, 2020.

Our sales offices, research & development centres and manufacturing plants are located in over 30 countries.

Factory Automation EMEA

Mitsubishi Electric Europe B.V., Factory Automation EMEA has its European headquarters in Ratingen near Dusseldorf, Germany. It is a part of Mitsubishi Electric Europe B.V. that has been represented in Germany since 1978, a wholly owned subsidiary of Mitsubishi Electric Corporation, Japan.

The role of Factory Automation EMEA is to manage sales, service and support across its network of local branches and distributors throughout the EMEA region.

** At an exchange rate of 109 yen to the US dollar, the rate given by the Tokyo Foreign Exchange Market on March 31, 2020*

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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Press contact:

Mitsubishi Electric Europe B.V.

Factory Automation EMEA

Monika Torkel

Media Relations

Mitsubishi-Electric-Platz 1

40882 Ratingen, Germany

Tel: +49 (0)2102 486-2150

[Mob: +49 \(0\)172 261 4824](tel:+49(0)1722614824)

Monika.Torkel@meg.mee.com

de.linkedin.com/in/Monika-Torkel

www.xing.com/Monika_Torkel