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MediaService Digital Industries

Effective consulting for digital transformation

- **Consulting services for the process industry pave the way for the digital enterprise**

Nuremberg, Germany. With Consulting Services, Siemens offers a wide range of support for digital transformation in the process industry: Digitalization Consulting, Consulting for Optimized Processes (COP), and Data Analytics Consulting. Siemens uses workshops, status quo analysis, detailed implementation strategies, in-depth process knowledge, and intensive consulting services to support its customers in their journey toward a digital enterprise. Operators of plants in the process industry can generate specific competitive advantages and ensure future success in the market.

The success of a company depends increasingly on its degree of digitalization – which is a challenge even for established companies in the process industry. Siemens already provides support in this area to numerous global customers from sectors such as the chemical, pharmaceutical, biotechnology, water, glass, and food industry, providing analysis, design and optimization of their plants. Digitalization Consulting starts with a workshop. Together, Siemens and the customer define the aims of digital transformation. This is followed by an analysis of the degree of automation and digitalization of the existing plant (the maturity check). This analysis in turn forms the basis of the implementation strategy, which leads to a roadmap with concrete recommendations for action.

Process expertise is key

For Consulting for Optimized Processes (COP), consulting specialists offer concrete advice in terms of procedures and processes, and provide customers with product knowledge as well as extensive, practical process expertise. This means that in the

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crucial early phases of planning for production and laboratory plants, customers receive the certainty of an optimized process engineering solution, which is the basis for added value.

Optimum use of data

When it comes to data and its function as a means to increase process efficiency, Data Analytics Consulting plays a key role. This service includes data analyses as part of the consulting service. Extended data analyses and machine learning methods provide new insights into existing data sources as well as tasks defined together with the customer. For production, aspects such as performance, transparency, and efficiency can be highlighted, while for quality management, aspects include process documentation, conformity to standards, and data integrity.

Fit for the future

Depending on the degree of digitalization of customer plants, consulting specialists provide support through consultation, develop concepts, and pave the way for each individual company to achieve digital transformation. The aim is to digitally simulate all procedures, processes, and intralogistics as a means of generating competitive advantages.

This MediaService information and further material are available at

<https://press.siemens.com/global/en/article/mediaservice-digital-industries-newsroom>

For further information on Digitalization Consulting, please see
<www.siemens.com/consulting-services-process>

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Siemens AG (Berlin and Munich) is a global technology powerhouse that has stood for engineering excellence, innovation, quality, reliability and internationality for more than 170 years. Active around the world, the company focuses on intelligent infrastructure for buildings and distributed energy systems and on automation and digitalization in the process and manufacturing industries. Siemens brings together the digital and physical worlds to benefit customers and society. Through Mobility, a leading supplier of intelligent mobility solutions for rail and road transport, Siemens is helping to shape the world market for passenger and freight services. Via its majority stake in the publicly listed company Siemens Healthineers, Siemens is also a world-leading supplier of medical technology and digital health services. In addition, Siemens holds a minority stake in Siemens Energy, a global leader in the transmission and generation of electrical power that has been listed on the stock exchange since September 28, 2020.

In fiscal 2019, which ended on September 30, 2019, the Siemens Group generated revenue of €58.5 billion and net income of €5.6 billion. As of September 30, 2019, the company had around 295,000 employees worldwide on the basis of continuing operations. Further information is available on the Internet at www.siemens.com.