

by **Siemens and Evonik**

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Achema 2018, Hall 11, Booth C3

Siemens and Evonik agree technology partnership for data management in Comos

- **Integration of Evonik asset life cycle data model into Comos**
- **Partnership includes the integration and support of the whole engineering and operation process**

Siemens und Evonik are to enter into a technology partnership. Its aim is the development of an asset life cycle data model and its integration into the Siemens software solution Comos. The asset life cycle data model was developed by Evonik on the basis of the international DEXPI standard ISO 15956 and other internationally valid standards. Its aim is to cover all the elements and structures of relevance for the chemical industry in a single integrated data model across the entire life cycle – from product development, equipment planning and operation to final decommissioning. Siemens and Evonik develop an application providing software support for the whole engineering and operation process. The outcome of this cooperative process will become an integral part of the Comos software portfolio.

“I’m delighted that we’ll be stepping up what is already a long-standing association built on mutual trust and creating a new technology partnership,” said Eckard Eberle, CEO of the Process Automation (PD PA) Business Unit and Director of the Siemens booth at the Achema 2018. “This partnership also underpins Siemens’ digitalization strategy surrounding the Digital Enterprise for the process industries.”

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Dr. Wilhelm Otten, Head of Process Technology & Engineering at Evonik Technology & Infrastructure GmbH, confirmed: “We see Siemens as the ideal partner to provide us worldwide with technological and application support in mapping out our data model.”

The application Siemens and Evonik will be developing jointly will be based on the Comos engineering platform and will use the complete Evonik data model, which covers all the necessary functional features and the corresponding data scope. This also includes interfaces for the input of data generated by upstream process simulations or other process development steps, meaning that as an engineering platform, Comos offers all the possibilities required to successfully map the consistency, flexibility and functionality required for the data model. Consistency is ensured in Comos by the software’s object orientation, whereby an object is defined as any graphical or data-related description of a plant component. Any associated data sheets, lists or other documents are directly linked to the relevant object. The flexibility offered by Comos is due to its open system architecture, which allows Comos to be adapted to specific customer requirements and linked to third-party systems.

This press release is available at

www.siemens.com/press/PR2018060205PDEN

A press picture of the contract signing is available from June 13th at

www.siemens.com/press/PR2018060205PDEN

For further information on Siemens at Achema 2018, please see

www.siemens.com/achema and www.siemens.com/press/achema2018

For further information on Evonik, please see www.evonik.com

For further information on Evonik Technology & Infrastructure GmbH, please see
www.evonik.com/technology-infrastructure

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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 170 years. The company is active around the globe, focusing on the areas of electrification, automation and digitalization. One of the world's largest producers of energy-efficient, resource-saving technologies, Siemens is a leading supplier of efficient power generation and power transmission solutions and a pioneer in infrastructure solutions as well as automation, drive and software solutions for industry. With its publicly listed subsidiary Siemens Healthineers AG, the company is also a leading provider of medical imaging equipment – such as computed tomography and magnetic resonance imaging systems – and a leader in laboratory diagnostics as well as clinical IT. In fiscal 2017, which ended on September 30, 2017, Siemens generated revenue of €83.0 billion and net income of €6.2 billion. At the end of September 2017, the company had around 377,000 employees worldwide. Further information is available on the Internet at www.siemens.com.

About Evonik

Evonik is one of the world leaders in specialty chemicals. The focus on more specialty businesses, customer-orientated innovative prowess and a trustful and performance-oriented corporate culture form the heart of Evonik's corporate strategy. They are the lever for profitable growth and a sustained increase in the value of the company.

Joint Press Release
by Siemens and Evonik

Evonik benefits specifically from its customer proximity and leading market positions. Evonik is active in over 100 countries around the world with more than 36,000 employees. In fiscal 2017, the enterprise generated sales of €14.4 billion and an operating profit (adjusted EBITDA) of €2.36 billion.

About Technology & Infrastructure As an integral part of Evonik Industries AG the Evonik Technology & Infrastructure GmbH supports customers on their growth course by providing reliable technology and infrastructure services in the areas of energy & utilities, technical service, process technology and engineering, logistics, and site management. Customers from any Evonik site in the world can access the services and know-how of Technology & Infrastructure with around 8,400 employees. The company is part of Evonik's Services Segment that, with around 13,000 employees, generated sales of €716 million in fiscal 2017.

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