

Hanover, April 1, 2019

Hannover Messe 2019, Hall 9, Booth D35

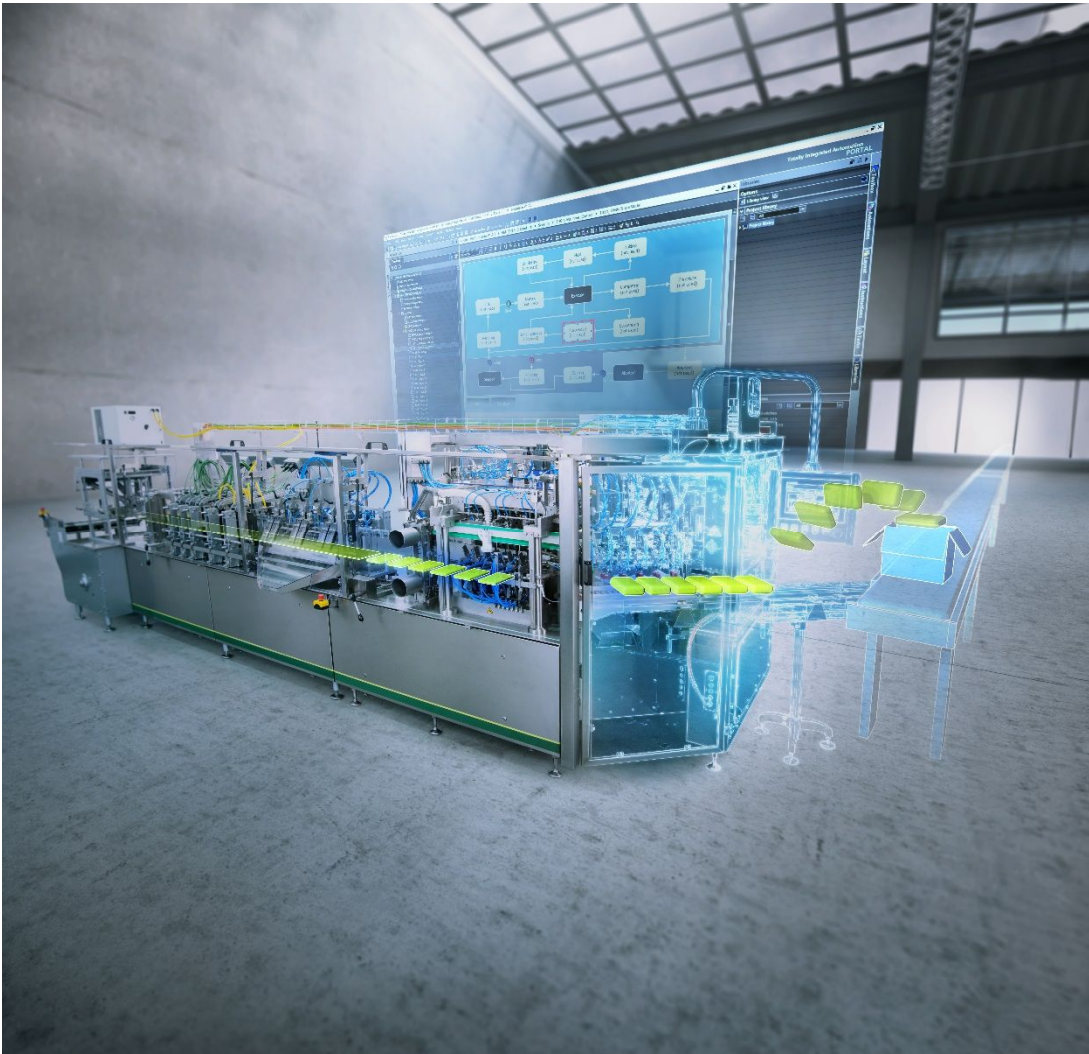
Simple machine integration with OPC UA interface

- **Data interface according to OMAC PackML**
- **First implementation of companion specification in a controller**

Siemens has succeeded in implementing an OPC UA data interface in a Simatic S7-1500 controller according to a companion specification. The OMAC PackML (Packaging Machine Language) makes it easier for end customers and line integrators to integrate packaging machines and connect them to line or MES systems, thus simplifying the evaluation and control of individual machines.

Users can dynamically read status models according to PackML and the associated variables in their project. Since integration can be programmed fully automatically, manual coordination between machine manufacturers and line integrators is superfluous. The statuses used in the state models and the data points can be adjusted depending on the machine type and manufacturer. The OPC UA communication functions combined with a companion specification enable dynamic data readout and make it possible to define uniform status models in OPC, and configure clients automatically.

The companion specification was created by a cross-company workgroup comprising OPC and OMAC PackML members in order to define a data interface based on OPC UA according to PackML. The specification is freely available to all OPC members and can be downloaded from the website.



Siemens has succeeded in implementing an OPC UA data interface in a Simatic S7-1500 controller according to a companion specification using the OMAC PackML (Packaging Machine Language). This makes it easier for end customers and line integrators to integrate packaging machines and connect them to line or MES systems.

You can find this press release and a photo at www.siemens.com/press/PR2019040213DIEN

For further information, refer to <https://opcfoundation.org/developer-tools/specifications-opc-ua-information-models/opc-ua-packml-companion-specification> and <https://support.industry.siemens.com/cs/gb/en/view/109755133>

Siemens AG

For further information on Siemens at the Hannover Messe 2019, please see

www.siemens.com/press/hm19 and www.siemens.com/hannovermesse

Contact for journalists

Julia Kauppert

Phone: +49 911 895-7958; E-mail: julia.kauppert@siemens.com

Follow us on **Social Media**

Twitter: [www.twitter.com/siemens_press](https://twitter.com/siemens_press) and [www.twitter.com/SiemensIndustry](https://twitter.com/SiemensIndustry)

Blog: <https://blogs.siemens.com/mediaservice-industries-en>

Siemens Digital Industries (DI) is an innovation leader in automation and digitalization. Closely collaborating with partners and customers, DI drives the digital transformation in the process and discrete industries. With its Digital Enterprise portfolio, DI provides companies of all sizes with an end-to-end set of products, solutions and services to integrate and digitalize the entire value chain. Optimized for the specific needs of each industry, DI's unique portfolio supports customers to achieve greater productivity and flexibility. DI is constantly adding innovations to its portfolio to integrate cutting-edge future technologies. Siemens Digital Industries has its global headquarters in Nuremberg, Germany, and has around 75,000 employees internationally.

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. The company is active around the globe, focusing on the areas of power generation and distribution, intelligent infrastructure for buildings and distributed energy systems, and automation and digitalization in the process and manufacturing industries. Through the separately managed company Siemens Mobility, a leading supplier of smart mobility solutions for rail and road transport, Siemens is shaping the world market for passenger and freight services. Due to its majority stakes in the publicly listed companies Siemens Healthineers AG and Siemens Gamesa Renewable Energy, Siemens is also a world-leading supplier of medical technology and digital healthcare services as well as environmentally friendly solutions for onshore and offshore wind power generation. In fiscal 2018, which ended on September 30, 2018, Siemens generated revenue of €83.0 billion and net income of €6.1 billion. At the end of September 2018, the company had around 379,000 employees worldwide. Further information is available on the Internet at www.siemens.com.