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Efficient approach to demanding motion control solutions with new software

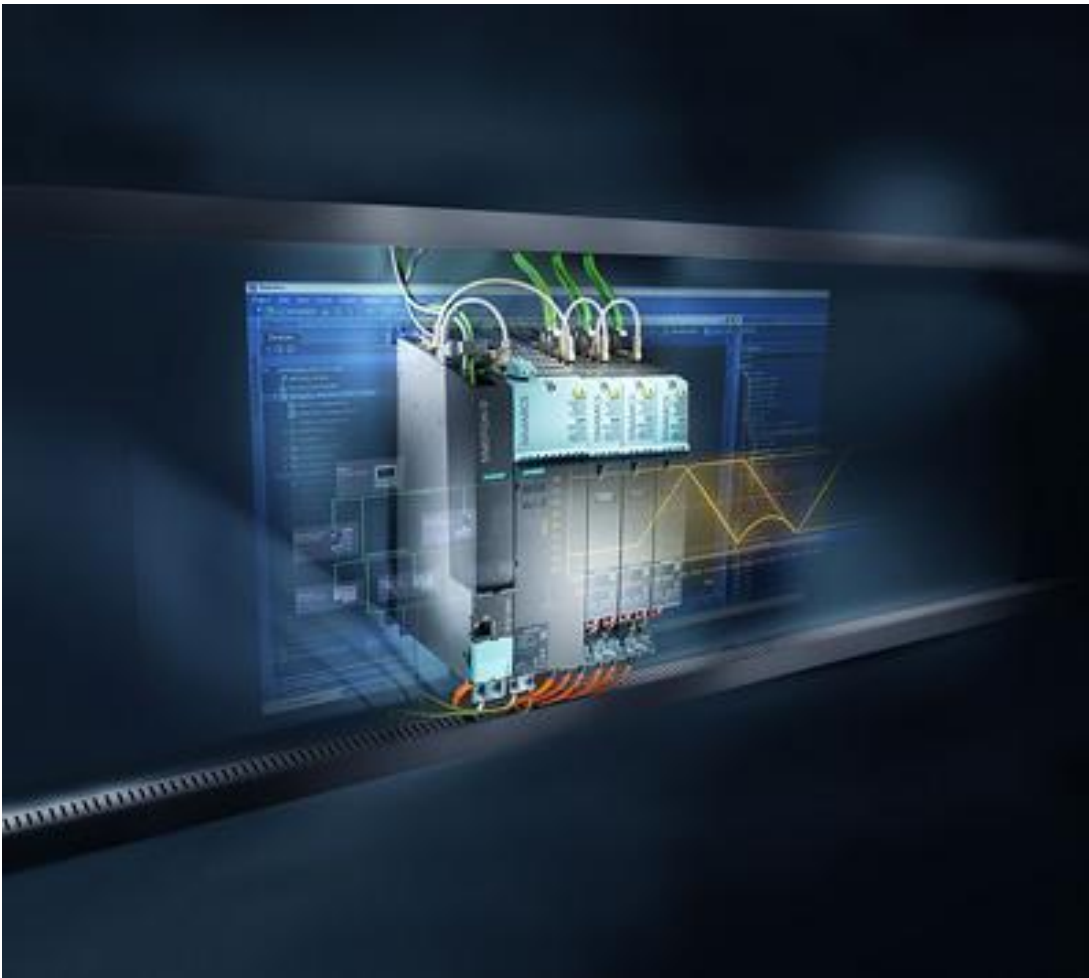
- **New software version 4.5 for high-end motion control system Simotion**
- **Efficient approach to standardized and reusable software modules with object-oriented programming (OOP)**
- **Manufacturer-independent access to Simotion data as far as the Cloud via OPC UA**

Siemens has updated the software for its high-end motion control system Simotion and, in the new Version 4.5, has equipped it with object-oriented programming (OOP) and communication via OPC UA (Open Platform Communications Unified Architecture). Thus, mechanical engineers can now implement large software projects much more efficiently than before and can now access Simotion data in a standardized way, across all automation levels – as far as the Cloud.

With the new Simotion software V4.5 and the object-oriented programming OOP according to IEC 61131-3 ED3, complex applications can be broken down into manageable object structures to precisely illustrate the structure of a modular machine, for example. Mechanical engineers can thus better standardize and reuse software modules and considerably reduce the programming and testing costs and susceptibility to errors. This allows them to implement large software projects considerably more efficiently than before.

In Version 4.5, the Simotion software now supports OPC UA, the standardized communication protocol for the cross-manufacturer exchange of data in automation technology. This allows access across all automation levels to the data of the Simotion Motion Control system – as far as the Cloud. Authentication, authorization and encryption protect the communication. The new OPC UA communication

supplements the Profinet communication for such things as real-time applications with Simotion, where both protocols are used on a single cable, without any loss of performance.



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This press release and a press photo are available at

www.siemens.com/press/PR2016110049DFEN

For more information, please see www.siemens.com/simotion

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