

Packaging Toolbox enables easy engineering of packaging machines

- **Toolbox completely aligned to Simatic S7-1500 controller**
- **Libraries with tested functions for faster commissioning**
- **Implementation of international packaging standards**

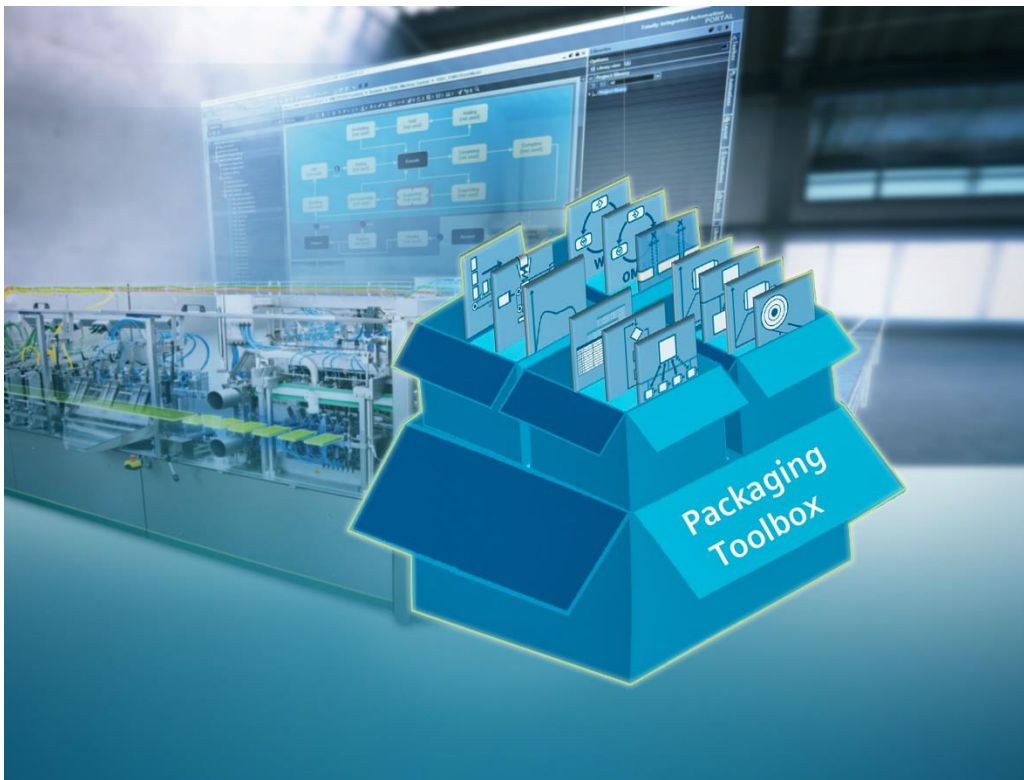
The Siemens' Packaging Toolbox is now available in its entirety for the Simatic S7-1500 controller in the TIA Portal engineering framework. It offers users packaging specific libraries which can be integrated into existing or new machine applications as well as program blocks. The Toolbox supports international standards such as OMAC, PackML and Weihenstephan Standards. By adding or modifying function blocks it can be adapted to suit individual requirements, while at the same time saving the user time during engineering and commissioning through tested functions and software solutions.

The toolbox comprises basic functions, technology functions and international standards. Typical Basic functionalities that the toolbox provides are axis control, TCP/IP communication, acyclic communication and alarm handling. The Intelligent Belt technology function enables sequentially arriving products to be picked up and made available in groups at an unloading position. The Intelligent Infeed application is used to pick up products arriving in a continuous but irregular flow and make them available to the downstream station with defined and equal gaps between them. The Form, Fill and Seal library contains functionalities for the overall coordination of foil feeders, dosing units, and cross sealers in horizontal and vertical applications.

In order to fulfill international packaging standard requirements, the Simatic CPG Template (Consumer Packaged Goods) provides a TIA Portal project structure

based on a modular design. This gives machine builders a clear and tested project basis, and end customers a standardized interface that enables easy line integration. The OMAC software library provides an OMAC-compliant mode and state manager.

There are also motion control applications for handling equipment, the Converting Toolbox and applications for the linear motor based multi-carrier system (MCS) transport system available.



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This press release and a press picture are available at <https://sie.ag/369xuUJ>

Attention: On June 17th, there will be a webinar for costumers about the Packaging Toolbox, featuring a live commissioning demo. As an editor, please feel free to attend as well and register here for [9:00 a.m.](#) (CET) or [5:00 p.m.](#) (CET) or get in touch with the contact person Julia Kauppert.

For more information about the Packaging Toolbox, go to:

www.siemens.com/packaging

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