

Hannover Messe 2018, Hall 9, Booth D35

Technology CPUs with expanded handling functions for motion control tasks

- **The Simatic S7-1500 Advanced Controller portfolio has two new technology CPUs for motion control tasks**
- **Standard, safety and motion control functionalities for gearing and camming up to the control of kinematics**
- **Even challenging motion control tasks can be easily handled in combination with Sinamics servo drive systems**
- **The "Simatic Safe Kinematics" software library safely monitors kinematics in space – to protect the machine operator**

Siemens has expanded its Simatic S7-1500 Advanced Controller portfolio for challenging automation applications to include two new technology CPUs that combine standard, safety and motion control functionalities in a single device. The 1515SP PC2 T CPU and fail-safe 1515SP PC2 TF CPU complement the range of Open Controllers. They are suitable for motion control tasks such as gearing and camming, or the control of kinematics with up to four axes – for example for handling applications, such as Pick & Place, Cartesian Portal, Delta Picker and Scara robots. Even challenging motion control tasks can be easily handled in combination with the Sinamics V90 PN, S210 and S120 servo drive systems.

The motion of selected kinematics in space is safely monitored with the "Simatic Safe Kinematics" software library for the fail-safe S7-1500 1517TF-3PN/DP technology CPU in combination with Sinamics S120 (FW5.1), for example to protect the machine operator during his work. The speed of selected points, for example the tool center point, and freely configurable zones such as the working and protection areas, are also monitored.

Background information:

Siemens offers the right controller for an extremely wide range of automation requirements. The range of scalable Simatic controllers, comprising Basic, Advanced, Distributed and Software Controllers, all have the same range of functions. The S7-1200 Basic Controllers are used for compact automation solutions, and the S7-1500 Advanced Controllers for complex tasks, while the ET 200SP Distributed Controllers are suitable for distributed applications, and the Software Controllers for PC-based applications.



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You will find this press release and a press photo at

www.siemens.com/press/PR2018040179DFEN

For further information, refer to www.siemens.com/simatic-technology

Find further information about Siemens at the Hannover Messe 2018 at:

www.siemens.com/press/hm18 and www.siemens.com/hannovermesse

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