

AMB 2018, Hall 2, Booth B03

More efficiency and flexibility through new Sinumerik Integrate applications

- **At AMB, Siemens will be demonstrating new applications for Sinumerik Integrate**
- **Illustration of the whole tool cycle with Manage MyResources**
- **Optimize MyProgramming /NX CAM Editor revolutionizes CAM machine integration**
- **Consistent digitalization solutions increase efficiency, flexibility and competitiveness**

Siemens is presenting two new applications for the open digitalization platform Sinumerik Integrate under the banner “Digitalization in Machine Tool Manufacturing – Implement now!” at AMB 2018. Using the Manage MyResources application, the complete tool cycle can be displayed for use in the CAD/CAM CNC chain. This provides the customer with a range of benefits including increased tool life. When combined with Manage MyResources, the user gains direct access to a set of NX CAM parameters using the second new application, Optimize MyProgramming /NX CAM Editor on Sinumerik, and can easily optimize and modify the NC programs generated there. The two new applications contribute to the highest possible level of tool availability and therefore to avoiding machine down time. Consistent digitalization solutions such as Sinumerik Integrate allow businesses in the machine tool industry to increase flexibility and production efficiency significantly, to reduce their development and launch times considerably, and thus to improve their competitiveness on the global market.

Manage MyResources is a software solution for visualizing the tool cycle – from setting, through tool storage, to the machine – as well as a program management tool to support the whole CAD/CAM CNC chain. The application makes resource

optimization particularly easy. Optimize MyProgramming /NX CAM Editor allows the user to optimize and modify NC programs produced in CAM directly via the machine controller and to produce a 3D preview of the tool path. This provides an intuitive and transparent illustration of a range of 3D geometrical parameters and simplifies the identification and correction of errors within the overall process. A unique element is that the data is also updated in NX CAM once the machine has been optimized.

Sinumerik Integrate, together with MindSphere, the cloud-based IoT operating system, and Siemens Industrial Edge, form three open, consistent digitalization platforms from Siemens. Machine builders and users can now experience how digitalization is implemented during manufacture as well as the potential it has to offer. Either on their own or in combination, these platforms offer the user the option of displaying the whole value chain in a digital format and of using the whole bandwidth from server-based applications at the same location as the machine, to cloud-based, data-driven applications.

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This press release and associated images are available at

www.siemens.com/press/PR2018090288DFDEN

Further information on Siemens at AMD 2018 is available at

www.siemens.com/amb and www.siemens.com/presse/amb2018

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