

Stuttgart, September 18, 2018

AMB 2018, Hall 2, Booth B03

Machine tool industry benefits from new applications for MindSphere

- **Analyze MyPerformance /OEE Monitor supplies data to increase plant efficiency**
- **Manage MyMachines now available on the latest version of MindSphere**
- **Manage MyMachines /Remote provides remote access to CNC**

Siemens is presenting new applications for the open, cloud-based IoT operating system MindSphere specifically for the machine tool industry at AMB 2018 in Stuttgart. This includes the Analyze MyPerformance /OEE Monitor application which is now available on the latest version of MindSphere. Analyze MyPerformance /OEE Monitor allows users to capture machine data for configuring important parameters, to carry out availability and utilization analyses, and to compare estimated productivity with actual results – customer-specific OEE calculations are also available. In addition to this, users can also produce a shift calendar with the application which allows the machine utilization to be calculated even more accurately. This makes production planning significantly easier.

The Manage MyMachines MindSphere application provides machine manufacturers and operators cloud-based access to the field of condition monitoring and an overview of the most important data and operation conditions from connected machines. Manage MyMachines is now available on the latest version of MindSphere. Users can capture, analyze, and visualize relevant machine data via the application. This increases machine condition transparency and its progress over time. The added application Manage MyMachines /Remote extends Manage MyMachines with an extra remote feature. It provides remote access to the CNC (Computerized Numerical Control) and thus failsafe, encrypted communication via the internet. This increases machine availability, reduces costs in the event of

disruption and simplifies maintenance and servicing. Manage MyMachines /Remote will be available for the latest version of MindSphere in the near future. The application presented at AMB will be for this version.

Another MindSphere application demonstrated at the AMB ensures improved management of service requirements by visualizing spindle operating data. Signal transmission, irrespective of the point in the cycle, rapid tool changing, and particularly easy commissioning are all possible with the addition of the SMI24 sensor module. The user benefits of short chip-to-chip times, more straightforward commissioning, and planned spindle servicing. A prototype of this application will be shown at AMB.



Siemens is presenting new applications for the open, cloud-based IoT operating system MindSphere specifically for the machine tool industry at AMB 2018 in Stuttgart. This includes the Analyze MyPerformance /OEE Monitor application which is now available on the latest version of MindSphere.



The Manage MyMachines MindSphere application provides machine manufacturers and operators cloud-based access to the field of condition monitoring and an overview of the most important data and operation conditions from connected machines.

This press release and associated images are available at www.siemens.com/press/PR2018090286DFEN

Further information on Siemens at AMD 2018 is available at www.siemens.com/amb and www.siemens.com/press/amb2018

Contact for journalists

Katharina Lamsa

Phone: +49 911 895-7975

E-mail: katharina.lamsa@siemens.com

Follow Siemens press releases on **social media**:

Twitter: www.twitter.com/MediaServiceInd and www.twitter.com/siemens_press

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

Siemens AG (Berlin and Munich) is a global technology powerhouse that has stood for engineering excellence, innovation, quality, reliability and internationality for 170 years. The company is active around the globe, focusing on the areas of electrification, automation and digitalization. One of the world's largest producers of energy-efficient, resource-saving technologies, Siemens is a leading supplier of efficient power generation and power transmission solutions and a pioneer in infrastructure solutions as well as automation, drive and software solutions for industry. With its publicly listed subsidiary Siemens Healthineers AG, the company is also a leading provider of medical imaging equipment – such as computed tomography and magnetic resonance imaging systems – and a leader in laboratory diagnostics as well as clinical IT. In fiscal 2017, which ended on September 30, 2017, Siemens generated revenue of €83.0 billion and net income of €6.2 billion. At the end of September 2017, the company had around 377,000 employees worldwide. Further information is available on the Internet at www.siemens.com.