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Siemens Machine Tool Days 2020

Siemens extends the Sinumerik Edge application Analyze MyMachine /Condition with a corresponding Mindsphere application

- **Improvement of machine tool availability through predictive maintenance with Analyze MyMachine /Condition**
- **Analyze MyMachine /Condition for Sinumerik Edge creates a mechanical fingerprint of the machine tool**
- **Condition evaluation, analysis and comparison of all connected machines using the Mindsphere application**

Siemens is extending its edge application Analyze MyMachine /Condition with a corresponding Mindsphere application and thus demonstrating how edge computing and cloud computing can be intelligently combined. The Sinumerik Edge Application Analyze MyMachine /Condition, which the company presented last year at the EMO, uses high-frequency CNC data to create the mechanical fingerprint of a machine tool. In the application, users can capture and evaluate various parameters such as stiffness, friction, and backlash in the individual axes with the help of flexibly configurable measurement series. The measurement results can then be visualized and compared with reference data.

The new complementary Mindsphere application to Analyze MyMachine /Condition now allows cross-machine comparisons and evaluations. Warning and service thresholds can be visualized individually for each asset and the states of several machines can be monitored and visualized over a longer period of time. This allows users to detect deviations over a longer period of time. Anomalies can also be detected across different machines. Analyze MyMachine /Condition for Sinumerik Edge and for Mindsphere thus contributes to the early detection of critical deviations and to avoid production downtimes due to needs-based maintenance measures. This increases the availability of machine tools and raises their productivity.



This press release and a press picture are available at <https://sie.ag/33IMSr5>

For further information regarding Siemens Machine Tool Days 2020, please see www.siemens.com/press/smtd2020

Take part in the Siemens Machine Tools 2020 and register at www.siemens.com/smtd

For further information regarding Sinumerik Edge, please see www.siemens.com/sinumerik-edge

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