SIEMENS

Ready-to-use industrial edge platform for data processing on the production level

- **Industrial Edge V1.0 comprising the Edge Management system, edge apps, and edge devices with container-based runtime**
- **Edge Management system provides central management for edge devices and apps over the entire lifecycle**
- **Apps that increase productivity can be integrated into industrial environments quickly, with little effort and minimal risk**

Siemens is expanding its offer for industrial IoT solutions, adding to its Industrial Edge portfolio a central and company-wide scalable infrastructure for managing connected edge devices and apps. With the new Industrial Edge Management system, users can remotely monitor the status of every connected device and remotely install edge apps and software functions on distributed edge devices. In combination with existing hardware and software products, this Industrial Edge V1.0 open platform provides users with a ready-to-use and seamless solution for data processing on the production level with integrated device and app lifecycle management.

With the new Industrial Edge Management system, distributed edge devices and their states can be monitored centrally, diagnosed, and managed by IT administrators and manufacturing engineers. This means that new software apps can be rolled out company-wide and securely on all connected Industrial Edge devices. Central software management minimizes or even completely eliminates the effort involved in maintenance and updates for distributed software instances. Existing, already containerized software (Docker) can be used applied to Industrial Edge. In addition, users can always develop their own edge apps to meet company-specific requirements. Functional and security-related updates are provided by Siemens via the Edge Management system, which can then be scheduled for roll-out to connected edge devices to meet the security requirements of an industrial IoT solution. With this ready-

to-use management platform, IT administrators can roll out edge apps highly automated and reliably in manufacturing and manage them over the entire lifecycle. In addition, the freedom from retroactive effects between automation and edge systems helps them to ensure high system availability of the automation solution. The Edge Management system can be operated in Version 1.0 within the company infrastructure, for example in manufacturing, and is specifically tailored to the requirements of users who particularly value data security. In future, it will also be possible to operate the Management system in cloud infrastructures.

With the Siemens Industrial Edge V1.0 offer, Siemens is simplifying the collection and analysis of machine data and bringing IT standards such as container-based apps (Docker), high-level language-based data analysis and processing, and central software and device management directly to manufacturing – integrated in automation systems.

This press release and a press image can be found at https://sie.ag/33qUFtl

Further information on Siemens Industrial Edge

www.siemens.com/industrial-edge

Further information on the "Digital Enterprise SPS Dialog" virtual event and registration details can be found via the following link:

https://sie.ag/34Qitb7

Contact for journalists
Andreas Friedrich
Phone: +49 152 221 039 67
E-mail: friedrich@siemens.com

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In fiscal 2020, which ended on September 30, 2020, the Siemens Group generated revenue of €57.1 billion and net income of €4.2 billion. As of September 30, 2020, the company had around 293,000 employees worldwide. Further information is available on the Internet at www.siemens.com.