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Siemens launches new platform to create customer-specific apps for distribution grids

- **Up to three additional applications on one processor module**
- **Siapp eliminates need for additional hardware, saving space and costs**
- **Secure distributed data processing 24/7**

Siemens Smart Infrastructure is expanding the options for distribution grid applications with the new Siapp, a software license for the Sicam A8000 automation and remote terminal unit. The Siapp application is based on the Sicam A8000 with the powerful CP-8050 processor module. Siapp allows up to three separate custom applications to be developed, parameterized and loaded onto the remote terminal unit. Only one runtime license is needed. Siapp complies with the strictest data security standards and benefits customers including major energy suppliers, municipal utilities and industrial companies.

The apps serve different purposes. For example, the first one analyzes weather data. The second app controls wind turbines based on these analyses, while the third is used to optimize the storage of the energy generated. The shared database with the remote terminal unit (RTU) supports consistent, distributed data processing and simultaneously reduces the number of hardware interfaces needed. As a result, it is possible to operate three completely independent applications on a single hardware component, keeping control cabinets compact. This saves space, reduces installation costs as well as spare parts inventory expenses. The devices can be serviced quickly and easily via remote access.

"The new Siapp application enables customers to create their own functions and adapt global products to local requirements. They can also develop their own dashboard," said Robert Klaffus, CEO Digital Grid at Siemens Smart Infrastructure.

"It's now possible to combine different access-protected functions on a single, reliable processor module, as if the hardware were proprietary. With this easy-to-implement distributed solution, we are once again at the forefront of energy automation. Our first customer is already running Siapp successfully."

This press release as well as a press photo can be found at https://sie.ag/3eGXgmg

For more information about Smart Infrastructure, please see
www.siemens.com/smartinfrastructure

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Siemens Smart Infrastructure (SI) is shaping the market for intelligent, adaptive infrastructure for today and the future. It addresses the pressing challenges of urbanization and climate change by connecting energy systems, buildings and industries. SI provides customers with a comprehensive end-to-end portfolio from a single source – with products, systems, solutions and services from the point of power generation all the way to consumption. With an increasingly digitalized ecosystem, it helps customers thrive and communities progress while contributing toward protecting the planet. SI creates environments that care. Siemens Smart Infrastructure has its global headquarters in Zug, Switzerland, and has around 72,000 employees worldwide.

Siemens AG (Berlin and Munich) is a global technology powerhouse that has stood for engineering excellence, innovation, quality, reliability and internationality for more than 170 years. The company is active around the globe, focusing on the areas of intelligent infrastructure for buildings and distributed energy systems, and automation and digitalization in the process and manufacturing industries. Through the separately managed companies Siemens Energy, the global energy business of Siemens, and Siemens Mobility, a leading supplier of smart mobility solutions for rail and road transport, Siemens is shaping the energy systems of today and tomorrow as well as the world market for passenger and freight services. Due to its majority stakes in the publicly listed companies Siemens Healthineers AG and Siemens Gamesa Renewable Energy (as part of Siemens Energy), Siemens is also a world-leading supplier of medical technology and digital healthcare services as well as environmentally friendly solutions for onshore and offshore wind power generation. In fiscal 2019, which ended on September 30, 2019, Siemens generated revenue of €86.8 billion and net income of €5.6 billion. At the end of September 2019, the company had around 385,000 employees worldwide. Further information is available on the Internet www.siemens.com.