

## Compact Gigabit IEEE 1588 Ethernet switches for seamless reliability

- **Precise Time Synchronisation according to IEEE 1588**
- **High Availability Seamless Redundancy (HSR) and Parallel Redundancy Protocol (PRP) according to IEC 62439-3**
- **Reduced risk of downtime and communication disruption**
- **Certified for Electric Power, Transportation and Oil & Gas markets**

Siemens is expanding its Ruggedcom portfolio with two new compact Ethernet switches. The Ruggedcom RSG907R and the Ruggedcom RSG909R compact Gigabit IEEE 1588 compatible Ethernet switches support HSR and PRP according to the IEC 62439-3 standard.

At a time when the electric power industry worldwide is rapidly transitioning to fully digital systems, such as digital substations, the Ruggedcom RSG907R and the Ruggedcom RSG909R help to avoid revenue loss by mitigating the risk of communication disruptions and downtime with a redundant fault tolerant network supporting high bandwidth. In addition to the seamless redundancy Ethernet networking features the device is equipped with redundant power supply inputs for additional reliability. The RSG907R and RSG909R come with a comprehensive set of approvals enabling digitalisation in Electric Power, Transportation and Oil & Gas markets.

With IEEE 1588 precision timing support the Ruggedcom RSG907R and the Ruggedcom RSG909R reduce capital expenses and maintenance costs by combining precision timing information and data communications onto a single network.

As with all Ruggedcom products, the Ruggedcom RSG907R and the Ruggedcom RSG909R are rugged rated. They operate in a -40 to + 85 C temperature range and offer enhanced immunity to EMI/EMC, maintaining continuous safe and reliable operation even during power surges or power protection device events, therefore diminishing the risk of revenue and data loss.

Both devices come in a compact size, with integrated DIN rail mount and front facing interfaces to allow easy installation in space limited areas.

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This press release and a press picture are available at <http://www.siemens.com/press/PR2018010117PDEN>

For further information, refer to [www.siemens.com/rsg900r](http://www.siemens.com/rsg900r)

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### About Siemens

**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](http://www.siemens.com).