

## Siemens to supply control centers to Korea National Railway

- **Purchaser is EntechWorld, end customer is Korea National Railway**
- **Control centers ensure safe and reliable power supply for railway infrastructure**
- **General power and traction power to be controlled and monitored**

Siemens Smart Infrastructure has won a contract to deliver the main control centers, based on Spectrum Power, to the Korean engineering company EntechWorld headquartered in Seoul. The end customer is the national railroad operator Korea National Railway. Starting in 2024, the main SCADA control centers will control and monitor the Korean railway system with more than 4,000 kilometers of tracks and about 3.5 million passengers daily. The control centers will ensure the reliable supply of energy to the entire rail network to meet the highest security, safety and quality standards.

“A stable and reliable power supply for the rail infrastructure is key to ensuring a safe, fast and comfortable travel or commuting experience. Our software could be described as the brain of the energy supply for the complex railway network. This helps our customer Korea National Railway optimize their business while at the same time dealing with the challenge of ensuring smooth, reliable operation of traction power supply and station facilities,” said Sabine Erlinghagen, CEO of Digital Grid at Siemens Smart Infrastructure.

The scope of supply for the end customer Korea National Railway encompasses the main control center and the backup control center, which will control and monitor general power of the railway network and ensure a smooth, reliable and economic operation of the traction power supply for the locomotives. A special feature of the control center for Korea National Railway is the integrated network analysis system

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which makes sure that the entire power supply operates without interruptions and that potential faults are detected at a very early stage. In addition, Siemens offers an Operator Training Simulator (OTS) to help Korea National Railway personnel take advantage of the many different applications of the control center, including intelligent interlocking and switching procedure management with process element disposal locking.

This press release and a press picture can be found at

<https://sie.ag/3hRgGJN>

For more information about Siemens Smart Infrastructure, see

[www.siemens.com/smartinfrastructure](http://www.siemens.com/smartinfrastructure)

For further information on grid control, please see

<https://new.siemens.com/global/en/products/energy/energy-automation-and-smart-grid/grid-control.html>

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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. As of September 30, 2020, the business had around 69,600 employees worldwide.

**Siemens AG** (Berlin and Munich) is a technology company focused on industry, infrastructure, transport, and healthcare. From more resource-efficient factories, resilient supply chains, and smarter buildings and grids, to cleaner and more comfortable transportation as well as advanced healthcare, the company creates technology with purpose adding real value for customers. By combining the real and the digital worlds, Siemens empowers its

customers to transform their industries and markets, to transform the everyday for billions of people. Siemens also owns a majority stake in the publicly listed company Siemens Healthineers, a globally leading medical technology provider shaping the future of healthcare. In addition, Siemens holds a minority stake in Siemens Energy, a global leader in the transmission and generation of electrical power.

In fiscal 2020, which ended on September 30, 2020, the Siemens Group generated revenue of €55.3 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](http://www.siemens.com).