

Zug, July 11, 2022

Siemens and Esri partner to bring grid planning and operation to a new level

- **California-based Esri, pioneer in geographic information system software**
- **Geodata combined with Siemens' modeling and simulation software boosts creation of holistic digital twin of the grid for planning, simulation and real-time operations to accelerate the energy transition**
- **Complementary product partners are part of the Siemens Xcelerator ever-growing ecosystem of partners to accelerate digital transformation**

Siemens Smart Infrastructure has partnered with Esri, the global leader in geographic information systems (GIS) and location intelligence, to expand its ecosystem of partners for its grid software business. The partnership enhances capabilities for the planning, operations and maintenance of power networks at grid operators by combining Esri's powerful mapping and spatial analytics software and Siemens' electrical topology expertise. In doing so, the companies aim to upgrade the data flow between applications for increased planning accuracy and for better operations of the distribution grid. The partnership's objective is to improve the admission of Distributed Energy Resources (DER) to the grid so that net zero can be achieved faster.

The news follows a recent launch of Siemens' Grid Software Suite, an open, interoperable suite of world-class software that creates a holistic digital twin to plan, operate and maintain power grids. The suite is part of Siemens' Xcelerator, an open digital business platform to accelerate digital transformation and value creation. Setting up an ecosystem of partners with complementary products is a core element of Siemens Xcelerator, which enables digital transformation easier, faster and at scale.

“With the strategic partnership, Siemens and Esri will jointly innovate in the grid software space by bringing together the best of our two worlds,” said Sabine Erlinghagen, CEO Grid Software at Siemens Smart Infrastructure. “Esri will be part of an ecosystem of equally strong partners across the energy industry, which can lead the change to shape the grids of the future to a 100 percent renewable world.”

Jeff Rashid, Global Director for Infrastructure at Esri, said: “Combining a major source of data such as GIS with Siemens’ grid modeling and simulation software will significantly elevate the quality of grid models for utilities. We are working on streamlining the data transfer between our GIS and the Siemens software resulting in a much higher performing system, a much more reliable data exchange between systems and a reduction in overall cost for data management.”

As the rapid growth in DERs and eMobility charging infrastructure fundamentally transforms the energy system, the cooperation between Siemens and Esri will support Transmission System Operators (TSOs) and Distribution System Operators (DSOs) find answers to increasing challenges across their entire geographic power networks.

This press release and further material is available at

<https://sie.ag/3ysHOp5>

For more information about Siemens Smart Infrastructure, see

www.siemens.com/smartinfrastructure

For further information on partner ecosystem for Grid Software, please see

<https://www.siemens.com/global/en/products/energy/grid-software/gsw-partners.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. Siemens Smart Infrastructure has its global headquarters in Zug, Switzerland. As of September 30, 2021, the business had around 70,400 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, helping them 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 2021, which ended on September 30, 2021, the Siemens Group generated revenue of €62.3 billion and net income of €6.7 billion. As of September 30, 2021, the company had around 303,000 employees worldwide. Further information is available on the Internet at www.siemens.com.