

OMNETRIC Group partners with KELAG to develop first Mindsphere application for grid operators

- MindSphere-based solution called OMNETRIC Planning and Outage Intelligence Application will help utilities use data insight to improve reliability and efficiency of the electricity grid

October 2, 2017: OMNETRIC Group, the Siemens and Accenture joint venture, today announces that it has partnered with KELAG to build its first MindApp for the energy industry. The OMNETRIC Planning and Outage Intelligence Application (PnOI), built on Siemens' MindSphere, the cloud-based, open IoT operating system, was developed through the collaboration of data scientists, power engineers and IT experts. With the app, this distinctive team of experts aims to help utilities enable better asset planning and outage management and improve business performance.

KELAG is a leading energy service provider in Austria and KNG, KELAG's distribution grid operator, serves around 300,000 customers via a grid network covering over 7,000 transformers, 18,000km of power lines and 65,000 poles. The partnership, which commenced in 2016 required a joint team to analyze grid data from KNG and combine it with publically available environmental data. Using the data intelligence generated, OMNETRIC Group developed different outage prediction statistical models for KELAG with a 90 percent accuracy rate. These statistical models are integral to the OMNETRIC Planning and Outage Intelligence MindApp.

The app will enable utilities to more accurately decide when to maintain individual grid assets, improve operations and manage workforce requirements and will ultimately enable better investment planning decisions. Implementation of the app at energy distributors can be supported by OMNETRIC Group data scientists and IT experts, who offer system integration and consulting for this MindSphere application.

Gerald Obernosterer, Division Manager Grid Management at KNG, said, "As a grid operator we are focused on leveraging digital technologies that enable us to quickly and efficiently improve grid reliability. The OMNETRIC Planning and Outage Intelligence Application, which we are continuing to co-develop, has had an immediate impact on our outage intelligence management and planning. It has allowed us to more accurately predict maintenance tasks on a daily basis and, in doing so, has helped us optimize related costs".

Heinz Sitter, Managing Director IT & Telecommunications at KELAG Group, said, "We are working with OMNETRIC Group to customize MindSphere applications in order to benefit from the agility and efficiency achieved through the Industrial Internet of Things.

Accessing applications built on Siemens' MindSphere enables us to benefit from global cloud developments while still deploying applications on-premise in our own data center. This allows us to meet the precise needs of a distribution company today, as well as better manage systems integration and security considerations".

The OMNETRIC Planning and Outage Intelligence MindApp is just one of a number of applications that OMNETRIC Group is porting or planning to port to Siemens' Mindsphere; part of a vision where apps will help energy providers to quickly and cost-efficiently take advantage of data intelligence to improve business performance.

Franz Winterauer, Head, Energy Insight EMEA, OMNETRIC Group said, "This project started out with a major commitment to capitalize on industry change and generate value for customers. The MindApp OMNETRIC Planning and Outage Intelligence will offer utilities the opportunity to quickly see the benefits of grid data analytics. The cloud-based application allows a customer to play around with their data, interrogating data sets quickly—often automatically—for faster results. The agility afforded by Siemens' cloud-based, open IoT operating system, is why OMNETRIC Group has entered into a partnership with Siemens regarding Mindsphere".

The OMNETRIC Planning and Outage Intelligence Application will be available on the MindSphere App Store on 8 October 2017. The application can be seen in action as a demonstration on the Siemens booth at European Utility Week in Amsterdam.

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About OMNETRIC Group

OMNETRIC Group is dedicated to helping energy providers reap the benefits of the digital energy system by integrating their energy operations with IT to support their business goals. Our global team of engineering, IT, security and data experts brings extensive industry experience to help customers discover and exploit data intelligence to capitalize on industry change, and realize new business models. Helping customers since 2014, we are an inventive, technology services company and a joint venture between Siemens AG and Accenture. For more information, visit www.omnetricgroup.com.

About Siemens

Siemens AG (Berlin and Munich) is a global technology powerhouse that has stood for engineering excellence, innovation, quality, reliability and internationality for more than 165 years. The company is active in more than 200 countries, 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. 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 2016, which ended on September 30, 2016, Siemens generated revenue of €79.6 billion and net income of €5.6 billion. At the end of September 2016, the company had around 351,000 employees worldwide. Further information is available on the Internet at www.siemens.com.