

Huawei Showcases Intelligent Energy ICT Solutions at WEC 2013

Daegu, South Korea, October 14, 2013 - Huawei, a leading global information and communications technology (ICT) solutions provider, will be showcasing its advanced energy ICT solutions and products under the theme of "Promoting Smart and Efficient Energy with Innovative ICT Solutions", at the 22nd World Energy Congress (WEC) in Daegu, Korea from October 13 to 17, 2013. At the five-day event, Huawei energy solution and product experts will join in-depth discussions with industry peers and partners to share their views on ways to help enterprises in the energy sector to enhance operational efficiency and safety with cutting-edge technologies, such as Long Term Evolution (LTE), Internet of Things (IoT), efficient and reliable transmission backbone network, and workforce mobility.

Huawei will be showcasing an array of ICT products and solutions at WEC, including the smart grid, digital oilfield, and digital oil and gas pipeline solutions.

Building Reliable and Stable Grids with Smart Grid Solutions

Leveraging the latest LTE, IoT, data center and storage technologies, Huawei develops a series of smart grid solutions, including the intelligent power transmission and transformation communications solution, power distribution automation communications solution and advanced metering infrastructure (AMI) solution, to help electricity companies establish a highly reliable and stable smart grid. Huawei's smart grid solutions integrate fixed and wireless networks to address different enterprise needs in the electricity industry, offering mesh networking capacity, reliability of up to 99.999% and low end-to-end delay of less than 100 ms. Huawei's smart grid solutions also support IP67-compliant industrial-grade devices that support future network evolution.

Huawei's smart grid solutions are currently widely deployed by customers in the electricity industry around the world, making electricity production, transmission, and consumption more cost effective and efficient. For instance, the Korea Electric Power Corporation (known as KEPCO) deployed Huawei's power transmission and

transformation communications solution based on an automatically switched optical network that supports link switchover within 50 ms, ensuring highly reliable smart grid transmission. KEPCO has been recording zero system failure since its deployment of the Huawei solution.

Ensuring Operational Safety with Innovative Oil and Gas Solutions

Safety has always been a pressing issue in the oil and gas industry and traditional oil production and transmission systems cannot offer all-around real-time monitoring and management, which fails to detect and respond to emergencies in a timely manner.

To address such challenges, Huawei launched a number of digital oilfield and pipeline solutions, which are designed to help oil companies effectively streamline and manage complex oil production and transmission. With diverse reliable networks, multimedia digital trunking and intelligent video surveillance systems, the solutions provide real-time, high-speed, and reliable information transmission to ensure the safety of oil and gas production and transmission.

Huawei's oil and gas solutions have been successfully deployed by oil and gas enterprises, ensuring operational safety through real-time monitoring. "With remote control and communications systems for pipelines and stations in place, our pipelines in Kazakhstan can be monitored remotely and data can be transmitted back to Beijing, which is about 5,000 kilometers away," said Chang Dahai, Deputy General Manager for Asia Gas Pipeline (AGP), who is responsible for the Sino-Kazakh Natural Gas Pipeline project.

In addition, Huawei also showcases a series of products and solutions that are widely adopted in the energy industry, including enterprise Long Term Evolution (eLTE) wireless broadband trunking solution, industrial switch router AR530, multi-functional telepresence solution TP100, three-phase inverter SUN2000, enterprise server E9000, and S2600T storage system .

At the Huawei WEC stand, visitors are able to experience firsthand high definition 1080p life-size video communications offered by telepresence solution TP 100. With a design that integrates camera, monitor, microphone, and codec, TP100 supports different modes of installation, including fixed, mobile, and wall-mounting installation, and is ideal for small conference rooms and large energy enterprises which have many geographically dispersed branches and offices.



Photo Caption: The attendees are interested in Huawei's Intelligent Energy ICT Solutions at WEC 2013

Over the past two decades, Huawei has been pioneering the technological innovation in the energy industry, offering customer-centric ICT products and solutions. Huawei ICT solutions for the energy industry have been adopted by over 160 power companies, as well as 12 of the world's top 20 oil and gas companies.

For more information of Huawei's energy solutions, please visit:

<http://enterprise.huawei.com/en/solutions/index.htm>.

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About Huawei

Huawei is a leading global information and communications technology (ICT) solutions provider. Through our dedication to customer-centric innovation and strong partnerships, we have established end-to-end advantages in telecom networks, devices and cloud computing. We are committed to creating maximum value for telecom operators, enterprises and consumers by providing competitive solutions and services. Our products and solutions have been deployed in over 140 countries, serving more than one third of the world's population.

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