
SKANSKA AND ERICSSON PARTNER TO MAKE ENVIRONMENTALLY-SMART BUILDINGS SMARTER WITH RADIO DOT SYSTEM

- Construction and communications industry leaders partner to address growing demand for indoor networks to support mobile voice, data and Internet of Things (IoT)
- Radio Dot System, an ultra-compact indoor small cell solution, improves mobile broadband coverage and capacity and reduces dropped calls through seamless integration with outdoor mobile network
- Innovative system design enables faster installation and lower power requirements than traditional indoor solutions

Robust and environmentally-smart buildings are not always the best environment for smartphones. Energy efficient windows, for example, can reduce the indoor app coverage and seamless mobility that mobile device users increasingly demand. To make smart buildings smarter, Ericsson (NASDAQ:ERIC) and Skanska, one of the world's leading project development and construction groups, have partnered to test and build mobile infrastructure in indoor environments, using the innovative Ericsson Radio Dot System.

Håkan Stenström, Vice President, Skanska Sweden, says: “Skanska develops and build homes, offices and infrastructure and our job is to help make living, working and traveling easier. One of the ways we can do this is by facilitating high-performance mobile communications within our buildings to enable the development of smart services for residents. At the same time, we aim to be the industry leader in sustainable building practices so we are very interested in working with Ericsson to explore ways to improve mobile broadband coverage and capacity in our buildings in a way that complements our focus on sustainability and green construction. This solution makes it possible to optimize the use of energy in the building.”

The Radio Dot System delivers high performance app coverage indoors and supports seamless mobility with the outdoor mobile network. Deployments in commercial office buildings worldwide have already proven the benefits of this innovative small cell architecture. Mobile data throughput has improved by up to five times, dropped calls have been reduced to zero, and total system installation times are as low as four minutes per Dot.

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In addition, the Radio Dot System has been designed to consume less power than traditional indoor solutions.

Arun Bansal, Senior Vice President and Head of Business Unit Radio, Ericsson, says: “Ericsson shares Skanska’s commitment to sustainability so we are excited to work with them to jointly deploy the Ericsson Radio Dot System for both 3G and LTE, evaluate opportunities for scaling, and explore different use cases from consumer mobile voice and data to new IoT applications. The Radio Dot’s iconic design is welcome in any environment and the benefits it delivers have already been proven around the world.”

The Ericsson Radio Dot System introduces a revolutionary antenna element which delivers mobile broadband access to users. It is compact, weighing less than 300 grams, and very easy to install. With its convenient size, scalability, and compelling evolution path (synchronized with the macrocell network), the Radio Dot System caters to both business and consumer users in a broad range of buildings and venues.

Skanska, with operations in Europe and the United States, is no stranger to iconic design. The company was responsible for the construction of 30 St Mary Axe, an iconic landmark on the London skyline (affectionately referred to as “The Gherkin”) designed to high sustainability standards and efficient and effective use of energy. Sustainability was also a focus when Skanska designed and built Metlife Stadium in East Rutherford, New Jersey, the home of the New York Giants and the New York Jets and the official site of Super Bowl XLVIII in 2014. Skanska’s commitment to green construction practices extends to their own work environments. Skanska USA occupies an entire floor in the Empire State Building that has been designed and renovated to exceptionally high sustainability standards earning a LEED-CI Platinum certification, the highest level awarded by the United States Green Building Council.

Skanska will join Ericsson at the Mobile Trends and Transformation Media Group Briefing in the Ericsson stand at MWC 2015 in Hall 2 Wednesday, 04 March 2015, 14:00 - 15:00.

Media may register by contacting media.relations@ericsson.com

Ericsson at Mobile World Congress 2015

During Mobile World Congress 2015 in Barcelona, Spain, Ericsson is showing world-leading technology, service capabilities, and innovations. The Networked Society is transforming entire industries. ICT tools have become fundamental everyday resources for businesses, people and society. We lead the way with hardware, services and software solutions that drive development in mobility, broadband and cloud, creating the foundation for new ecosystems, and transformation across industries. The change that transformation brings is in the hands of everyone. That is why we at Mobile World Congress this year will talk about how we enable change-makers in the Networked Society to advance digital experiences.

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You can find us at MWC in Hall 2, Stand 2N60. Follow us during the event using @Ericsson and join the discussion using #MWC15. Insights from our experts and Networked Society evangelists are also published on our blog during the event.



NOTES TO EDITORS

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Ericsson is the driving force behind the Networked Society – a world leader in communications technology and services. Our long-term relationships with every major telecom operator in the world allow people, business and society to fulfill their potential and create a more sustainable future.

Our services, software and infrastructure – especially in mobility, broadband and the cloud – are enabling the telecom industry and other sectors to do better business, increase efficiency, improve the user experience and capture new opportunities.

With approximately 115,000 professionals and customers in 180 countries, we combine global scale with technology and services leadership. We support networks that connect more than 2.5 billion subscribers. Forty percent of the world's mobile traffic is carried over Ericsson networks. And our investments in research and development ensure that our solutions – and our customers – stay in front.

Founded in 1876, Ericsson has its headquarters in Stockholm, Sweden. Net sales in 2014 were SEK 228.0 billion (USD 33.1 billion). Ericsson is listed on NASDAQ OMX stock exchange in Stockholm and the NASDAQ in New York.

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Ericsson Corporate Communications

Phone: +46 10 719 69 92

E-mail: media.relations@ericsson.com

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Ericsson Investor Relations
Phone: +46 10 719 00 00
E-mail: investor.relations@ericsson.com