



PRESS RELEASE
FEBRUARY 25, 2015

Scania and Ericsson join forces to improve transport efficiency

At the Mobile World Congress in Barcelona, Ericsson (NASDAQ: ERIC) and Scania announced joint research efforts to accelerate the connectivity of commercial vehicles and infrastructure. Ericsson and Scania are convinced that advances in communications technologies and future deployments of 5G networks will enable improvements in the transport of people and cargo.

“We’ve been speaking about introducing vehicle-to-vehicle and vehicle-to-infrastructure communications for quite some time but now it’s really taking off,” says Håkan Schildt, Director of Strategy and Business Development at Scania’s Connected Services and Solutions. “We now see greater prospects for reliable communications through mobile networks.”

New developments in LTE and 5G standardization have created opportunities for dedicated vehicle-to-vehicle communications using the mobile network while minimizing risks of unpredictability and latency.

Scania has pioneered platooning concepts with truck and trailer combinations driving in close formation, thereby reducing air drag and fuel consumption. Legislation at present permits trucks to drive at a safe distance from each other using common in-vehicle features such as radar and cruise control. However, an even narrower distance between trucks – further reducing fuel consumption – requires vehicle-to-vehicle communications and interconnected control systems. Research by Ericsson and Scania has now shown that sufficiently reliable communications can be established using 4G, and future 5G, networks.

In a wider perspective, vehicle-to-infrastructure communications is an enabler for system-wide platooning in planning and organizing the formation and dissolution of platoons according to route and schedule. Trucks can thus join and leave platoons in an optimal manner.

“In view of the enormous benefits, we’re convinced that vehicle-to-vehicle communications will be implemented by transport operators of all types,” says Claes Herlitz, Head of Automotive at Ericsson. “Addressing the challenges posed by growing passenger and freight volumes, enhanced communications can contribute to greater logistics efficiency and thereby reduced environmental impact.”



NOTES TO EDITORS

Video: [Scania Platooning](#)

About Scania

Scania is one of the world's leading manufacturers of trucks and buses for heavy transport applications, and of industrial and marine engines. Service-related products account for a growing proportion of the company's operations, assuring Scania customers of cost-effective transport solutions and maximum uptime. Scania also offers financial services. Employing some 42,000 people, the company operates in about 100 countries. Research and development activities are concentrated in Sweden, while production takes place in Europe and South America, with facilities for global interchange of both components and complete vehicles. In 2014, net sales totalled SEK 92.1 billion and net income amounted to SEK 6 billion. Scania press releases are available on www.scania.com

About Ericsson

For media kits, backgrounders and high-resolution photos, please visit www.ericsson.com/press

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 2015 were SEK 246.9 billion (USD 29.4 billion). Ericsson is listed on NASDAQ OMX stock exchange in Stockholm and the NASDAQ in New York.

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