



Ericsson manages Wi-Fi connectivity for high-speed trains in Germany

Icomera and Ericsson have been implementing and supporting a mobile Internet connectivity solution onboard 386 of Deutsche Bahn's high speed ICE trains in Germany

Published on 28th September

Since July 2016, Icomera and Ericsson have been implementing and supporting a mobile Internet connectivity solution onboard 386 of Deutsche Bahn's high speed ICE trains in Germany, including the new ICE 4 trains which will enter service in the next years.

The Wi Fi networks onboard the trains are connected to the radio access networks of all three of Germany's mobile network operators, thereby ensuring excellent connectivity for Deutsche Bahn passengers as they travel at speeds up to 300 km h.

Icomera provides a mobile Internet connectivity platform comprising of Wi Fi hardware such as antennas and routers, as well as virtual application servers for selected entertainment services, while Ericsson provides network gateways and services such as managed network operations, field services and training for Deutsche Bahn employees.

Ericsson will draw on its extensive experience gained from providing managed services for networks that serve more than 1 billion subscribers worldwide. Ericsson networks transport more than 40 percent of the world's mobile traffic and the company supports customer networks that serve more than 2.5 billion subscribers.

Dr. Karsten Kemeter, Head of Product Management ICE IC at DB Fernverkehr, says "Icomera's Wi Fi connectivity platform, with its proven record of high speed performance, is well complemented by Ericsson's extensive experience of providing managed services to customers with a well established global reputation for quality.

This well crafted partnership is facilitating an excellent extension to our passenger experience." Saeed Bashirian, Managing Director of Icomera Germany GmbH, says "We are pleased to utilize Ericsson's professional managed services to extend the high quality passenger experience that Deutsche Bahn is known for with our proven technology that connects tens of thousands of vehicles and millions of passengers to the internet every week.

The partnership also establishes the framework and foundations required for developing a truly interconnected eco system of onboard services and systems in the future."

Andrea Petti, Head of Intelligent Transport Systems at Ericsson, says "Together with Icomera, Ericsson is providing an operator agnostic Wi Fi service that ensures all Deutsche Bahn have access to excellent connectivity regardless of which mobile network they subscribe to.

Our services professionals in our network operations center in Hamburg will ensure that the Wi Fi networks perform at their peak. We believe everything benefits from being connected, and see great potential for our communications technology and services to transform the transport industry."

URL: <http://www.cellular-news.com/story/Operators/69103.php?source=rss>

Tag: Technical Related

Mobile Internet Users in Latin America to Grow by 50 Per Cent by 2020

The number of people across Latin America using their mobile devices to access the internet is set to grow by 50 per cent by the end of the decade, according to a new GSMA study.

Published on 26th September

The number of people across Latin America using their mobile devices to access the internet is set to grow by 50 per cent by the end of the decade, according to a new GSMA study.

It is forecast that 150 million new mobile internet subscribers¹ will be added in the region by 2020, bringing the total to 450 million and driving economic growth, innovation and digital inclusion.

"Latin America has seen rapid growth in the number of mobile internet subscribers over recent years, helping to build an 'app economy' in areas such as mobile commerce and mobile content, and supporting a flourishing local start-up environment," said Mats Granryd, Director General of the GSMA. "This is due in large part to local mobile operators being able to successfully migrate existing subscribers to smartphones and mobile broadband networks, despite dealing with growing competitive and regulatory pressures in many regional markets."

World's Second-Fastest Growing Mobile Region

The Latin America region will enjoy strong subscriber growth for the remainder of the decade, as large markets such as Brazil, Colombia, Mexico and Peru add millions of new subscribers. The overall number of unique mobile subscribers² in Latin America is forecast to reach 524 million by 2020, up from 414 million at the end of 2015, making Latin America the second-fastest growing global region during this period after Sub-Saharan Africa. Mobile subscriber penetration is forecast to increase from 65 per cent of the region's population in 2015 to 78 per cent by 2020. However, the picture varies widely by country, with penetration currently as low as 28 per cent in Cuba, but above 90 per cent in markets such as Argentina, Chile and Uruguay.

Smartphone adoption in Latin America has risen sharply in recent years, accounting for half of regional connections³ at the end of 2015. The region is expected to add 262 million smartphones connections⁴ by the end of the decade. Adoption continues to be stimulated by falling smartphone prices and a growing range of mid- and low-end devices. Smartphones are also driving migration to 3G/4G mobile broadband networks. Ongoing operator investments in 4G mean that 4G coverage is available to 60 per cent of the region's population today and is set to cover 80 per cent by next year.

Mobile Contributing to GDP, Jobs and Public Funding

The use of mobile technologies and services across the Latin America and Caribbean region generated \$255 billion in economic value last year, equivalent to 5 per cent of the region's GDP⁵. This contribution is expected to increase to more than \$315 billion by 2020, or 5.5 per cent of expected GDP. The region's mobile ecosystem also supported approximately 1.9 million jobs in 2015 and made a \$40 billion contribution to the public sector via general taxation. This contribution excludes government revenue raised via spectrum auctions, which totalled almost \$450 million in 2015. Mobile operators in the region are jointly set to invest more than \$76 billion in capital expenditure between 2016-2020.

"Our new report underlines how mobile is making a valuable social and economic contribution to the economies of Latin America, fuelling a virtuous circle that reduces poverty, improves infrastructure and services, and further increases internet access and usage," added Granryd. "To continue this growth, the mobile industry and government must work together to tackle barriers to digital inclusion in areas such as network coverage, affordability, digital skills and the availability of locally relevant content."

Granryd continued: "Modernising existing regulatory frameworks will be the next challenge in enabling future mobile services growth, fostering industry investment and maximising future digital ecosystem opportunities for Latin American economies. These new ecosystems will be driven by the local, small and medium enterprises that are leveraging increased connectivity to develop the content, applications and value-added solutions that are transforming the lives of consumers and businesses across the region."

URL: <http://www.cellular-news.com/story/Reports/69099.php?source=rss>

Tag: Business Related

Vodafone & Huawei complete "milestone" live network NB-IoT test

Vodafone and Huawei have completed the first over-the-air connection using standardised Narrowband-Internet of Things technology (NB-IoT) on a live network.

Published on 21th September

The joint trial was carried out in Madrid, Spain, using a live 4G base station optimised to support NB-IoT technology. It ran across the 800MHz spectrum band, Vodafone said.

The operator is aiming to launch NB-IoT, an industrial grade Low Power Wide Area network solution, commercially next year. The technology is designed to support connections of low powered connected devices and is seen as a key driver in the immersion of the Internet of Things in to everyday life.

NB-IoT was designed by Vodafone and Huawei, and already has the support of more than 20 of the world's largest mobile operators, with a combined customer base of more than 2.9 billion connections. It was finalized as a global standard by 3GPP in June, but this is the first time an operator has completed a trial of standardised NB-IoT on a live commercial network.

"This first successful trial of NB-IoT on a live commercial network is a significant technology milestone on the path towards a world with billions of devices connected at extremely low cost with minimal power requirements to mobile networks," said Vodafone Group's director of technology architecture and strategy Matt Beal.

"NB-IoT has strong support as the industrial LPWA technology to support our enterprise customers. This successful trial demonstrates Vodafone's commitment and ability to bring this technology to market early in 2017."

Edward Deng, President of Wireless Network Product Line at Huawei, added: "With our decade-long strategic partnership with Vodafone, the first live call using standardised NB-IoT marks a significant milestone in our long term relationship.

"Working with Vodafone, we have successfully achieved standardisation of NB-IoT and established the world's first Open Lab to contribute to the development and promotion of its ecosystem. Huawei will continue to work closely with Vodafone on the commercialisation of NB-IoT to open the door to a truly Better Connected World."

URL: <http://www.capacitymedia.com/Article/3587052/Vodafone-and-Huawei-complete-milestone-live-network-NB-IoT-test.html>

Tag: Technical Related

Contact us:



António Lagartixo

Partner

Tel: +351 210427545

Mobile: +351 967450544

Email: alagartixo@deloitte.pt



Pedro Tavares

Associate Partner

Tel: +351 210423986

Mobile: +351 966058853

Email: petavares@deloitte.pt

Deloitte refers to one or more of Deloitte Touche Tohmatsu Limited, a UK private company limited by guarantee ("DTTL"), its network of member firms, and their related entities. DTTL and each of its member firms are legally separate and independent entities. DTTL (also referred to as "Deloitte Global") does not provide services to clients. Please see www.deloitte.com/pt/en/about for a more detailed description of DTTL and its member firms.

Deloitte provides audit, consulting, financial advisory, risk management, tax and related services to public and private clients spanning multiple industries. With a globally connected network of member firms in more than 150 countries and territories, Deloitte brings world-class capabilities and high-quality service to clients, delivering the insights they need to address their most complex business challenges. Deloitte's more than 225,000 professionals are committed to making an impact that matters.

This communication contains general information only, and none of Deloitte Touche Tohmatsu Limited, its member firms, or their related entities (collectively, the "Deloitte Network") is, by means of this communication, rendering professional advice or services. Before making any decision or taking any action that may affect you, you should consult a qualified professional advisor. No entity in the Deloitte network shall be responsible for any loss whatsoever sustained by any person who relies on this communication.

© 2016 For information, contact Deloitte Consultores, S.A.