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**BT DELIVERS A WIRELESS BACKBONE SOLUTION FOR ONE OF EUROPE’S LARGEST CONTAINER TERMINALS**

***BT deploys a secure and resilient industrial wireless backbone solution for DP World Antwerp based on Rajant's Kinetic Mesh® technology***

BT today announced the completion of an innovative, secure and resilient wireless backbone network on behalf of DP World Antwerp for its Antwerp Gateway in Belgium, one of Europe’s busiest container terminals.

The innovative solution is a vital part of DP World’s digital transformation of the terminal, which handles 2.5 million containers every year, 3000 trucks every day and almost 950 ships annually.

It is designed to provide secure and resilient connectivity for not only the 900 people working at Antwerp Gateway but also the growing demands of connected devices. These will help DP World Antwerp to analyse and optimise processes and operations, such as the movement of vehicles around the terminal.

DP World Antwerp evaluated a range of technologies before choosing BT’s solution based on Rajant Corporation’s mobile, scalable and highly reliable Kinetic Mesh®. This enables always-on communications so critical applications can be accessed in real-time in the most cost-effective way. BT worked with DP World Antwerp on proof-of-concept trials to show that the technology could meet the stringent demands of terminal operations. Full deployment then followed.

The solution provides DP World Antwerp with a flexible meshed wireless backbone network that offers security, resilience and high bandwidth. It dynamically adapts to accommodate connectivity for moving vehicles and overcomes obstacles within an ever-changing environment including the presence of containers or large ships. It also complies with radio frequency and industrial regulations governing use of wireless on the site.

Patrick Putman, chief information & innovation officer, DP World, said: “The container industry and global supply chain is undergoing huge changes enabled by digital technology. BT understands this and is helping us innovate to build on our success. Working together, we have successfully completed a wireless backbone solution that creates an infrastructure for future IoT deployments, opening up the possibilities of automation and artificial intelligence. It is our backbone for growth.”

Chet Patel, global transformation officer & president continental Europe, Global Services, BT, said: “Deploying an innovative wireless backbone in such a complex and dynamic industrial environment, which operates non-stop, 24 hours-a-day, 365 days-a-year, demands detailed planning and precise execution. The success of the Antwerp Gateway wireless backbone solution is due not only to the technical expertise of the project team but also their in-depth knowledge of how major container terminals operate. This is a great example of how BT can innovate with customers and technology partners to create solutions that transform business.”

**ENDS**

**For further information**

Enquiries about this news release should be made to the BT Group Newsroom on its 24-hour number: 020 7356 5369. From outside the UK dial + 44 20 7356 5369. All news releases can be accessed [on our web site](http://www.btplc.com/News).

**About BT**

BT’s purpose is to use the power of communications to make a better world. It is one of the world’s leading providers of communications services and solutions, serving customers in 180 countries. Its principal activities include the provision of networked IT services globally; local, national and international telecommunications services to its customers for use at home, at work and on the move; broadband, TV and internet products and services; and converged fixed-mobile products and services.  BT consists of four customer-facing units: Consumer, Enterprise, Global Services and Openreach.

For the year ended 31 March 2018, BT Group’s reported revenue was £23,723m with reported profit before taxation of £2,616m.

British Telecommunications plc (BT) is a wholly-owned subsidiary of BT Group plc and encompasses virtually all businesses and assets of the BT Group. BT Group plc is listed on stock exchanges in London and New York.

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