

## DB Cargo AG, rail freight business unit of German national Railway company Deutsche Bahn AG, selected Eurotech Edge Controllers, IoT Products and Services for its TechLOK Project

*DB Cargo AG selects Eurotech BoltGATE 20-25 IoT Edge Gateway, IoT Edge Framework and IoT Integration Platform to gain real-time insights on its locomotives for the scope of the TechLOK project*

AMARO (Italy), September 18th, 2018 – Eurotech, a long-time major provider of embedded technologies and leader in Internet of Things (IoT) enablement, announced today to have been selected by DB Cargo AG, a subsidiary of Deutsche Bahn AG, to supply the on-board hardware and end-to-end software tools to enable their TechLOK project. No further financial details on this design-win have been disclosed.

The Eurotech BoltGATE 20-25, a railway-certified on-board computer designed to meet the demanding requirements of rolling stock installations, has been selected as the intelligent IoT Edge Gateway installed on at least 450 vehicles. Powered by the Eurotech IoT Edge Framework, Everyware Software Framework (ESF), the BoltGATE 20-25 provides on-board functions for safe non-invasive signal sampling and recording of Multifunction Vehicle Bus (MVB) data as well as the real-time data communication feature.

In the project, which aims at gaining insight on the real-time status of the fleet of locomotives, Everyware Cloud (EC), Eurotech IoT Integration Platform, provides the off-board tools and management functionality to integrate the data collected to a ground server and to remotely configure the systems on the field.

*“During our proof of concept in 2017, Eurotech did an excellent job in terms of delivering high quality data and fulfilling the need of our users and data scientists. They were able to provide most of our required functionality with their standard telematic system and IoT-platform. We look forward to scaling up what we have seen within the PoC to 450 vehicles in several fleets.”* said Stephan Häger, Senior Manager Systems & Telematics of DB Cargo AG.

*"I got to know Eurotech in the proof of concept as well as during the following negotiations as a professional and extremely efficient partner. It seems that they can speed up the digitalization process of the railway sector with their highly standardized IoT-products. I am glad to welcome Eurotech in our amspire lab as a strategic **partner for the upcoming challenges.**"* said Fabian Stöffler, Vice President Asset Digitization at DB Cargo AG.

*"We are honored to have been selected by DB Cargo AG for their TechLOK project providing the communication and infrastructure backbone to support their smart transportation solutions."* comments Marco Carrer, CTO of Eurotech. *"Eurotech offers modular hardware and software components to enable connected services and products; we are extremely excited to partner with DB Cargo in their challenging project, where we will combine our IoT technologies with our expertise in the railway sector."*

#### About amspire Lab

At the Asset Maintenance Digital Lab, in short called "amspire", situated at the "House of Logistics & Mobility"-institution in Frankfurt, Germany, interdisciplinary teams of around 50 engineers, IT developers, data scientists, transformation experts and experts from DB Cargo and other areas of the DB Group work on automation and digitization topics. These projects are relating to vehicle equipment and maintenance to increase availability and quality for customers. The focus is currently on rail freight transport. Further passenger transport and vehicle maintenance projects of DB are planned.

#### About Eurotech

Eurotech (ETH:IM) is a global company that designs, creates and delivers full Internet of Things solutions, including services, software and hardware to leading systems integrators and enterprises large and small. With Eurotech solutions in place, clients have access to the latest open source and standardized software stacks, flexible and rugged multi-service gateways and sophisticated sensors to bring actionable data from the field into business operations. Working with world-class ecosystem partners, Eurotech delivers on the promise of the Internet of Things either from end to end, or with best in class building blocks, including device and data management, connectivity and communication **platform, intelligent edge devices and smart objects following business models that fit today's business world.** Learn more about Eurotech at [www.eurotech.com](http://www.eurotech.com).

#### About DB Cargo AG

With around 4,200 rail sidings in Europe and 16 own national companies, DB Cargo offers customers access to one of the largest rail networks in the world and is thus the number one in European rail freight transport. Its size is also reflected in its resources: with a total of around 93,000 freight wagons and around 3,000 locomotives, DB Cargo has the largest rail fleet in Europe. DB Cargo is investing in the technology of the future and is pushing ahead with the digitalization of locomotives, freight cars and processes in the marshalling yards and workshops.

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