



## DB Systel GmbH Selects Ribbon to Build Optical Backbone Network

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### Project improves service capabilities and broadband availability in DB Systel GmbH network at Deutsche Bahn AG

WESTFORD, Mass., Sept. 3, 2020 /PRNewswire/ -- [Ribbon Communications Inc.](#) (Nasdaq: RBBN), a global provider of real time communications software and network solutions to service providers, enterprises, and critical infrastructure sectors, today announced that ECI, now part of Ribbon, was selected by [DB Systel GmbH](#), the digital partner to [Deutsche Bahn AG](#), one of the world's leading mobility and logistics companies, to build and deploy a state-of-the-art, flexible optical backbone network. This new network will fulfill the railway company's digitization and bandwidth needs while offering maximum availability, flexibility and scalability.



# DB Systel GmbH

DB Systel implemented this network as part of Deutsche Bahn AG's "broadBAnd project". The new Dense Wave Division Multiplexing (DWDM)-based high-performance optical transport network enables DB Systel to offer transmission capacities to carriers, service providers and other companies while executing its own bandwidth initiatives.

"We are very proud that we were able to quickly build a complete optical backbone network," said Jens Liebel, Head of Network Services at DB Systel. "With Ribbon, we have a highly competent partner who knows how to best implement the diverse requirements of a railway company, and we can now meet all the requirements of advanced digital networking within Deutsche Bahn and with our partners to the external market."

DB Systel rolled out a 100G DWDM network spanning around 100 locations across Germany based on Ribbon's [Apollo](#) family of OTN transport and switching products. Apollo combines high-capacity, low-latency OTN transport and switching with software-configurable, colorless, directionless, and gridless optical routing for maximum efficiency. Combined with Ribbon's advanced software and management functions, complex daily operations can be simplified, and the availability and reliability of the network assured.

"We are delighted to be working with DB Systel in multiple areas and to be contributing to this large national infrastructure project, which will benefit many both within the company and likely throughout Germany," said Fernando Valdivielso, Ribbon's EVP of EMEA and APAC Sales. "Our ability to provide advanced technical services so flexibly, reliably and cost effectively makes us the ideal partner for national projects of this kind, in Germany and in other countries around the world."

#### About DB SYSTEL

DB Systel GmbH is a wholly owned subsidiary of DB AG and a digital partner for all group companies. With our holistic, customer-specific offer, which complies with the highest IT standards, we are successfully driving the digitization of all DB AG companies with integration and added value. For this purpose, we develop effective and efficient customer solutions based on innovative topics such as cloud, big data, the Internet of Things and artificial intelligence. As a long-term partner, we bring extensive railway and IT know-how and work independently of the manufacturer in order to achieve the common goal. Around 4,400 Systel employees are currently employed at our main locations in Frankfurt, Berlin and Erfurt. Further information can be found at [dbsystel.de/dbsystel](https://dbsystel.de/dbsystel).

#### About Ribbon

Ribbon Communications (Nasdaq: RBBN), which recently merged with ECI Telecom Group, delivers global communications software and network solutions to service providers, enterprises and critical infrastructure sectors. We engage deeply with our customers, helping them modernize their networks for improved competitive positioning and business outcomes in today's smart, always-on and data-hungry world. Our innovative, end-to-end

solutions portfolio delivers unparalleled scale, performance, and agility, including core to edge IP solutions, UCaaS/ CPaaS cloud offers, leading-edge software security and analytics tools, as well as packet and optical networking leveraging EC's Elastic Network technology. To learn more about Ribbon, visit [rbbn.com](http://rbbn.com) and for more information about our packet and optical networking portfolio, visit [ecitele.com](http://ecitele.com).

#### **Important Information Regarding Forward-Looking Statements**

The information in this release contains forward-looking statements regarding future events that involve risks and uncertainties, including statement regarding expected value to customers that use Ribbon Communication's products. All statements other than statements of historical facts contained in this release are forward-looking statements. The actual results of Ribbon Communications may differ materially from those contemplated by the forward-looking statements. For further information regarding risks and uncertainties associated with Ribbon Communications' business, please refer to the "Risk Factors" section of Ribbon Communications' most recent annual or quarterly report filed with the SEC. Any forward-looking statements represent Ribbon Communications' views only as of the date on which such statement is made and should not be relied upon as representing Ribbon Communications' views as of any subsequent date. While Ribbon Communications may elect to update forward-looking statements at some point, Ribbon Communications specifically disclaims any obligation to do so.

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