

Two new secondary line customers for Kontron Transportation: SinON and evb rely on modern MCx train radio solution

Wien/Bremervörde/Celle 28 May 2025 – Kontron Transportation has received an order to supply an innovative, MCx-based complete train radio solution from two other regional railway companies in Germany: Schieneninfrastruktur Ost-Niedersachsen GmbH (SinON) and Eisenbahnen und Verkehrsbetriebe Elbe-Weser GmbH (evb).

The Kontron MCx solution offers a complete service for secondary lines and uses existing LTE/5G broadband mobile radio networks “over the top”. This enables secondary lines to have future-proof, modern train radio without costly infrastructure investments. With this solution, Kontron Transportation is further expanding its customer base in the secondary line sector.

The Kontron MCx solution offers a modern train radio solution in an operating model optimized for secondary lines. This already enables the use of future-oriented functions of the FRMCS (Future Railway Mobile Communication System) train radio, which go far beyond the possibilities of classic analog radio and GSM-R (Global System for Mobile Communication-Railways). These include extended voice and data communication services that offer significantly greater flexibility, safety and efficiency in rail operations. Kontron is thus entering into a close partnership with non-federally owned railways (secondary railways) and providing them with long-term support in solution operation.

The central functions of this solution include push-to-talk (PTT) and full-duplex individual calls, group calls, emergency calls, voice prioritization, status displays, geo-referencing, status messages, dynamic train numbers and many other operationally relevant services, which have already proven themselves in practical use on secondary lines for several years. In addition, the Kontron MCx solution takes into account the requirements of the state railway supervisory authorities (LEA). As part of the deployment planning, Kontron works with the railway operator to comprehensively check the public mobile radio networks for network coverage and quality as a criterion for reliable and high-performance radio communication.

Kontron offers its MCx solution for secondary lines as a SaaS solution. This is an innovative complete solution based on MCx technology as a hosted service in a German data center. Thanks to the cloud-based operating model, railway operators can benefit from the advantages of the modern MCx train radio solution - without having to invest in their own complex infrastructure and its maintenance.

For **Holger Buse**, Head of the Infrastructure Division and Head of Railway Operations at evb-Infrastruktur, the new MCx system will make an important contribution to the safe and modern operation of the railway infrastructure in the future: “As a replacement for the almost 40-year-old analog radio, we are relying on the Kontron MCx system as a forward-looking train radio solution that supports us in local passenger rail transport (SPNV) as well as in freight transport. Especially in the course of capacity expansions, future route reactivations and the planned expansion through the use of electronic interlocking technology, a powerful, reliable train radio system is indispensable. The

Kontron solution impressed us with its modern functions and easy implementation in the context of operations management.”

The evb is over 80 percent owned by the state of Lower Saxony and is a shareholder in numerous transport and logistics companies in the Elbe-Weser triangle region. As a railway infrastructure company (EIU), it has a 235-kilometer-long rail network and its own repair centers. Every year, more than 2 million passengers use the central RB33 route between Cuxhaven-Bremerhaven-Bremervörde-Buxtehude and the Moorexpress. evb focuses on future-proof services and combines regionality, competence and innovation.

For **Sebastian Schülke**, Technical Manager and Railway Operations Manager at SinON, reliable train radio is a decisive factor for safe and smooth rail operations: “With the introduction of Kontron's MCx-based train radio solution, we are enabling modern, safe and efficient communication for SinON employees and for all railway companies that operate on our network. This enables us to optimize our operational processes and increase safety on our network.

As a wholly owned subsidiary of the state of Lower Saxony, SinON operates, maintains and develops a rail network covering around 260 km. The company took over the route network of Osthannoversche Eisenbahnen AG (OHE) in 2022 and is pursuing the goal of bringing more freight traffic onto the rails and strengthening sustainable mobility in the eastern Lower Saxony region. The most important project SinON is currently working on is the reactivation of the almost 60 km long Lüneburg - Soltau line for passenger transport in 2027.

“We have been supplying secondary lines in Germany with our MCx solution for several years now, which means that it is being used successfully in commercial networks. This means that we are already providing part of the future FRMCS solution and our rail customers benefit from functions that go far beyond the classic GSM-R functionalities.

We are delighted that we have now gained two more railway customers with evb and SinON. This further strengthens our position in the regional railway market and strengthens the future viability of regional railway transport. The two projects will be implemented in the course of the year. We will then accompany our customers with long-term agreements for operation and support, backed by our highly motivated and competent team.” Richard Neussl, Managing Director Kontron Transportation.

About Kontron

Kontron AG (www.kontron.com, ISIN AT0000A0E9W5, WKN AOX9EJ, KTN) is a leading IoT technology company. For more than 20 years, Kontron has been supporting companies from a wide range of industries to achieve their business goals with intelligent solutions. From automated industrial operations, smarter and safer transport to advanced communications, connectivity, medical, and energy solutions, the company delivers technologies that add value for its customers. With the acquisition of Katek SE in early 2024, Kontron significantly strengthens its portfolio with the new GreenTec division, focusing on solar energy and eMobility, and grows to around 7,000 employees in over 20 countries worldwide. Kontron is listed on the SDAX® and TecDAX® of the German Stock Exchange.

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About Kontron Transportation

Kontron Transportation GmbH is a leading global supplier of end-to-end communication solutions for mission-critical networks. The core customers are railways across Europe and beyond.

The company specializes in systems that produce, transport, and process voice, data, and video — reliably, securely, sustainably, and efficiently. Its solutions include GSM-Railways, FRMCS (Future Railway Mobile Communication Systems), and MCx (mission-critical over public networks) with IWF (interworking functions). It also offers enhanced radio solutions, private 4G/5G mobile networks, transmission networks, and cybersecurity solutions. In addition, the portfolio includes communication products for Secondary Lines and other mission-critical network operators. The company also provides mobility products like validators and fare collection systems for public transport operators. For over 25 years, Kontron Transportation has been fully dedicated to railways. Today, it continues to drive the evolution of broadband solutions for mission-critical networks, for instance as an associated member of Europe's Rail Joint Undertaking (EU-Rail), making it the perfect partner for FRMCS.

The company has more than 700 employees, operates 11 sites across Europe, and is headquartered in Vienna. Kontron Transportation is part of the Kontron Group.

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