GSM-R – DISPATCHER DUAL MODE – COM MODULE project won in Portugal

Vienna / Lisboa, February 8, 2022 – Kontron Transportation Unipessoal Lda. has positioned a new solution in the portuguese Railway market - the COM MODULE, to upgrade the existing analog Base Station Controllers for the track-to-train railway telecommunications network.

The Kontron Transportation solution helps to provide long term support (LTS) to the portuguese Railways analog telecommunications network. It reinforces their performance, availability and interoperability towards the existing installed Dual-Mode (GSM-R & Analog) Dispatcher System.

The new COM MODULE will allow a smooth migration of the existing (end-of-life) equipment that currently performs the functions of Technical Operating Position (POT) and Analog-Digital Converters (AD) to a single Kontron server performing both functions in a virtualized environment.

The Kontron equipment selected for this project is an industrial-grade server, the KISS 1U Short V3 CFL; a compact, high-performance and scalable rackmount system, which is not explicitly designed for railways, but fits the customer needs perfectly.

Picture shows: KISS 1U Short V3 CFL, front

Picture shows: KISS 1U Short V3 CFL, back

Kontron Transportation Portugal's expertise in system integration is vital to achieve this solution, comprising a new hardware platform to run existing critical software applications.

About Kontron Transportation
Kontron Transportation is a leading global supplier of end-to-end communications solutions for mission-critical and carrier networks. The portfolio includes GSM-Railways, FRMCS, TETRA, DMR, LTE solutions for mission critical networks as well as mobility solutions for the public transport sector and is enabled through a comprehensive service value chain. A further mission is to provide a critical E2E IIoT solution dedicated for railway operators. Kontron Transportation invests in research and development and is an associated member of the European research initiative Shift2Rail.
Kontron Transportation is part of S&T group and headquartered in Vienna (Kontron Transportation GmbH) with main subsidiaries in Belgium, France, Germany, Portugal, Spain, the Czech Republic and United Kingdom.

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About Kontron – Member of the S&T Group
Kontron is a global leader in IoT/Embedded Computing Technology (ECT). As a part of technology group S&T, Kontron offers a combined portfolio of secure hardware, middleware and services for Internet of Things (IoT) and Industry 4.0 applications. With its standard products and tailor-made solutions based on highly reliable state-of-the-art embedded technologies, Kontron provides secure and innovative applications for a variety of industries. As a result, customers benefit from accelerated time-to-market, reduced total cost of ownership, product longevity and the best fully integrated applications overall. For more information, please visit: www.kontron.com

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