



Press Release URGROUP 05 September 2022

5G in the rail sector: much more than passenger Wifi



Caption: today's freight yards and rail operators require a dedicated 5G strategy

The summer months have been extremely busy for URGROUP, with the company developing a comprehensive 5G strategy for Rolling Stock, Maintenance Depots and Freight Yards.

URGROUP's experience with delivering Digital Enhancements for Rolling Stock shows that the Off Train Mobile Comms Gateway (MCG) is typically administered by the On Board Wifi service provider. This can provide challenges in obtaining adequate level of support to gain access to the MCG. Also, as the Wifi is accessible by the general public, security levels may not be robust enough, particularly for process critical applications.

URGROUP can help system providers take control of their MCG needs, by making available a wide range of 4G & 5G RAIL CERTIFIED Cellular Routers. These are ideal for systems such as CDAS, Pantograph Monitoring, Remote Condition Monitoring and many other applications.

Thanks to its strategic partners Digi International, Sierra Wireless and Net Module, URGROUP is able deliver a whole ecosystem of sensor to cloud solutions with managed connectivity and Best in Class Router Solutions.

When it comes to Maintenance Depots and Freight Yards, URGROUP was inspired by the Rail Forum DB Cargo digitisation challenge, during 2021, to find a solution to address inadequate Freight Yard cellular performance. The company agreed an exciting partnership with Nokia recently to offer private, high performance and secure 5G cellular networks and enterprise solutions that address connectivity issues impacting the effectiveness of operations of these sites.

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About URGroup

Founded in 1996 in Milan (Italy), URGroup are specialists in enabling global connectivity. The company is an international provider of advanced communications systems, subsystems and end-to-end solutions utilising Sensor, IP Networking, Wireless, Fibre-optic and Satellite technologies. URGroup has far-reaching technological expertise, an international group structure and presence, a comprehensive understanding of vertical markets and a dedicated range of strategic value-added services. This makes URGroup one of Europe's leading technology enablement companies. Working with world-class manufacturers to bring optimal solutions to customer applications, URGroup can leverage one of the industry's most diverse technology portfolio to provide custom design, product development and supply chain management. More info at www.ur-group.com.

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