

Connectivity

Reliable Connectivity for Digital Railway Operations

Automation and digitalization rely on one essential factor: reliable connectivity.

Whether in rolling stock, maintenance facilities or production environments, **data must be available** wherever it is needed.

DB Systemtechnik's Connectivity Competence Center supports customers in designing, implementing and optimizing communication networks – from FRMCS migration and 5G campus networks to coverage measurements and network optimization.

Our experts **help ensure robust, future-proof connectivity** for digital railway operations and industrial applications.



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Our services

- Consulting on FRMCS migration and hardware selection
- Coordination with suppliers for seamless system integration
- Functional and infrastructure testing
- Consulting on suitable transition solutions and 5G campus networks
- Support for the implementation of campus networks
- Technical quality assurance and network validation
- Coverage measurements and connectivity assessments
- Identification and elimination of coverage gaps
- Support during implementation and optimization measures

Your advantages

- Smooth and efficient FRMCS migration
- Optimized hardware selection for maximum functionality
- Early identification of issues, reducing costs and implementation risks
- Seamless integration of all relevant stakeholders and partners
- Reliable introduction of campus networks without disrupting operations
- End-to-end support extending beyond connectivity alone
- Consistent network coverage and fewer connectivity gaps
- Connected assets and systems across the entire operation
- Fast and practical optimization solutions, including software configuration improvements

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