



Colibri - Digital products in your rail vehicle

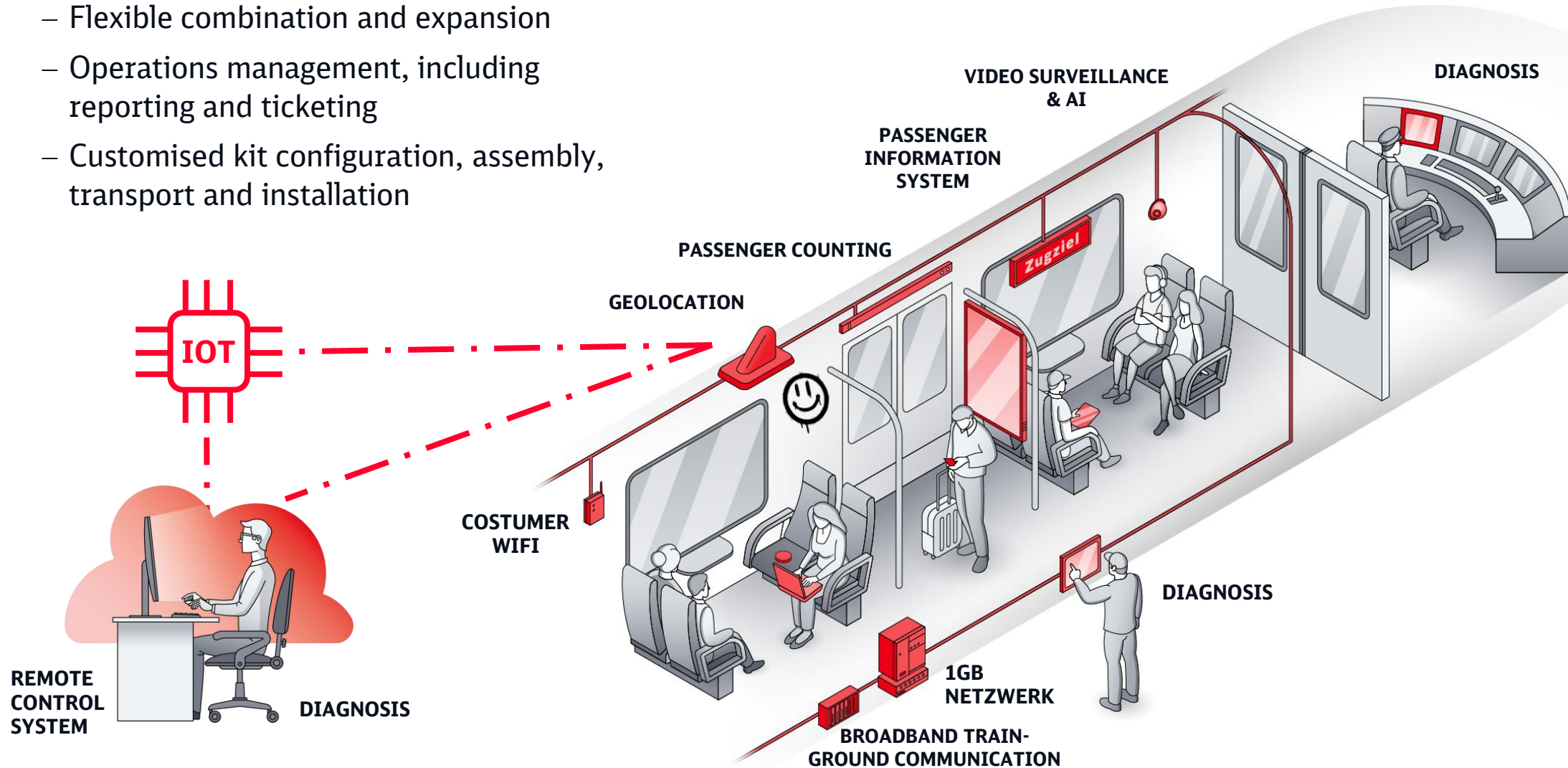
InnoTrans 2026



Colibri – modular IT platform



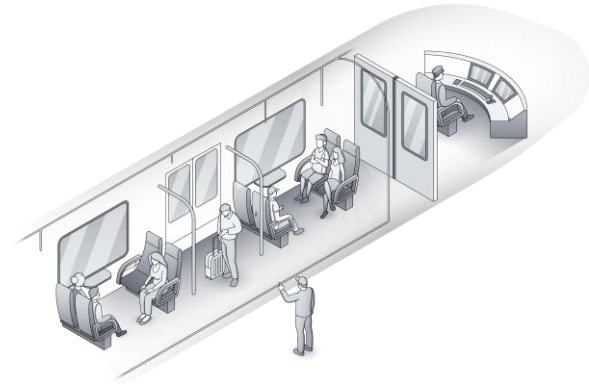
- Flexible combination and expansion
- Operations management, including reporting and ticketing
- Customised kit configuration, assembly, transport and installation



Colibri's added value: A brief overview

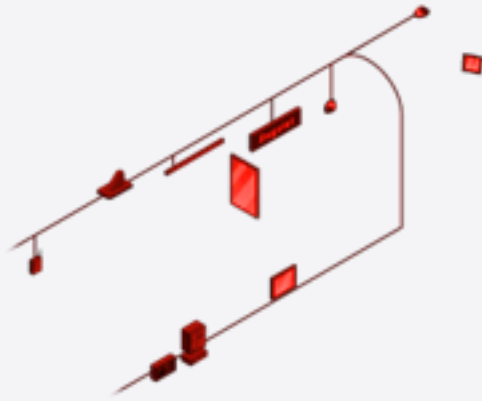


Installation space inspection using 3D scanning



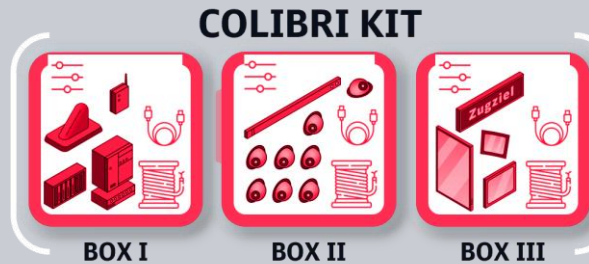
- Inspection of available installation spaces
- Integration planning
- Visualisation
 - 3D scan data
- Cost estimation & bid preparation

Engineering & Production planning and control



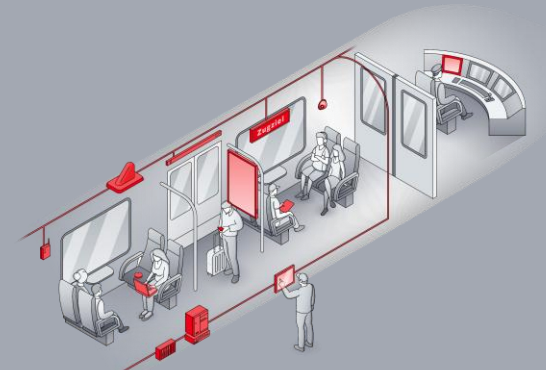
- Concept development for integration
- Design for integration
- Technical documents for kit manufacturing
- Laboratory set-up (digital twin)
- Work & commissioning instructions
- Quality records

Kit manufacturing & installation



- Cable pre-assembly
- Pre-commissioning
 - Ready-to-install subsystems
 - Fasteners
 - Custom packaging for installation
- Pre-assembly of large components on ready-to-install brackets
- Pre- and target configuration of the component software
- Commissioning instructions & tools
- Remote & on-site support for commissioning

Integrated system

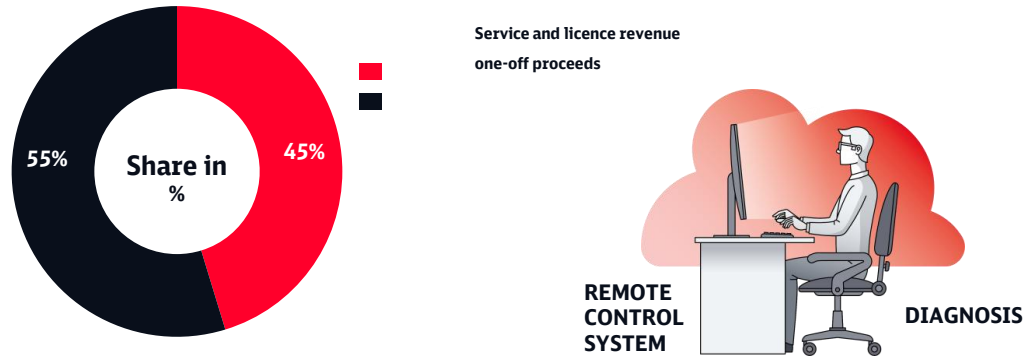


- Operation of scalable systems
- Systems expansions in modular fashion possible
- Remote system operation
- Remote corrective maintenance
- Over-the-air updates

The Colibri product & service portfolio in figures



Software & service products (on the ground)



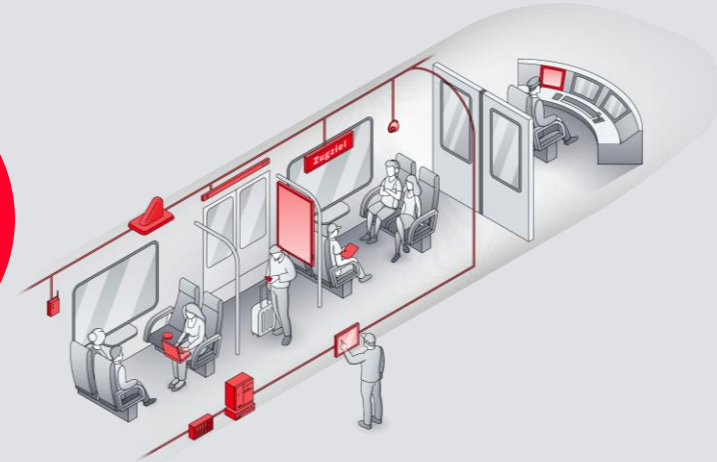
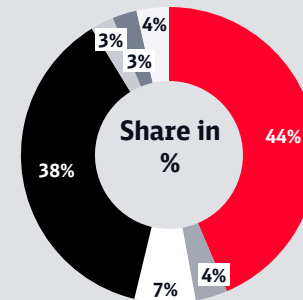
Project until 2025

– 37 Projektbeteiligungen

DNSW	NahSh	Netz 54	Rheine-Löhne	DSD Data Touch Point
Taunus	NES	NOS2	RSX	Oberpfalznetze
EVNO	Netz 16c	NTT	S-Bahn Köln	SOB Ideenzug
Klimabox	Netz 18	OSK	SBRM 2023	VT 648 SH Ost
LSM	Netz 5	REX	NOS2	S-Bahn Dresden
ENOE II	IC Stw	INA	LSM	NOS Best (Neufahrzeuge)
			S-Bahn Köln	Video AFZ (BaWü Netz 5)

Hardware products (on the train)

Train-to-ground communication
Network
Passenger information system
WiFi
Automated passenger
Counting systems
Video
Diagnostics



184 kits delivered in 2025

1.747 managed Colibri systems in 2025

Colibri focuses on five key areas



	Customer	Product	Services
 REDESIGN	– All rail passenger transport operators – All public rail passenger transport operators – All long-distance coach transport operators	– ISP* only – Colibri kits – Kit installation – Colibri upgrades – IT project management – Obsolescence management	– Colibri platform – ITC Operations Management (1st – 3rd Lvl Support) – Reporting – Quality of Service – Edge management – Performance updating
 NEW VEHICLES	– All rail passenger transport operators – Public transport authority	– ISP* only – Train laboratories	– Colibri platform – ITC Operations Management (1st – 3rd Lvl Support) – Reporting – Operational management laboratories – Sim card management
 FIXED SOLUTIONS	– InfraGO – Electric vehicle charging point operators	– ISP* only (WiFi) – Colibri kits – Kit installation – Colibri upgrades	– ITC Operations Management (1st – 3rd Lvl Support) – Reporting
 INNOVATIONS PROJECTS	– DB AG – Mobile phone provider	– IT project management – Consulting – System development – Train laboratories – Testing/Support with regulatory approvals	– Obsolescence management – Technology development – Component development and sourcing – Software feature development – API development – Colibri platform integration
 Software as a Service	– All rail passenger transport operators – Public transport authority – All public rail passenger transport operators – All long-distance coach transport operators – Public authorities (e.g. BP) – DB AG – Mobile phone provider	– Licence-based software deployment – New software development – Standard Colibri API – Database management (including cloud services)	– Diagnostic Data Analysis – ICT training courses

*ISP – Internet Service Provider