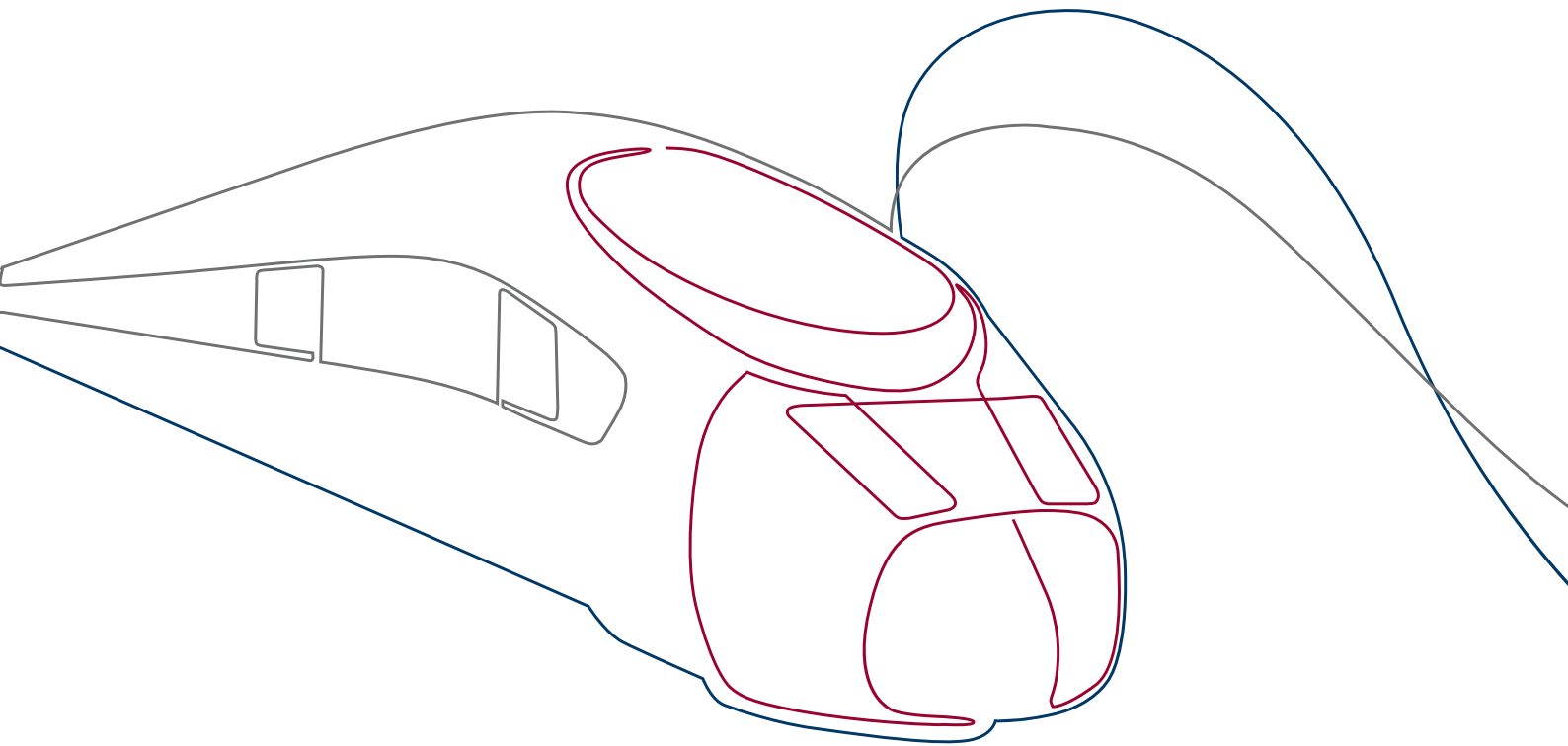


**PLUG & PLAY WITH THE era-transceiver®**



## PLUG & PLAY WITH THE era-transceiver®



### PRODUCT INFO

Data transfer by means of optical radio signal with high data throughput rates (100MBit up to 1GBit and more) with the era-transceiver® in the Plug & Play solution.



### FIELDS OF APPLICATION

- For retrofitting rail vehicles
- Entertainment, video and passenger information systems
- Internet and VPN
- Monitoring systems (real-time video in high picture quality)
- No more need for parallel bus systems (WTB, MVB, train bus)
- The era-transceiver® can also be used for systems in new vehicles.

### FUNCTION

- High-speed data transfer with 100MBit and 1GBit (10GBit in development)
- Signal regeneration
- Galvanically decoupled connection
- Voltage free contact as status inquiry
- Various possibilities for interfaces (RJ45, M12, SC)
- Allows a high degree of precise clearance / tolerance
- No coupling forces on contacts

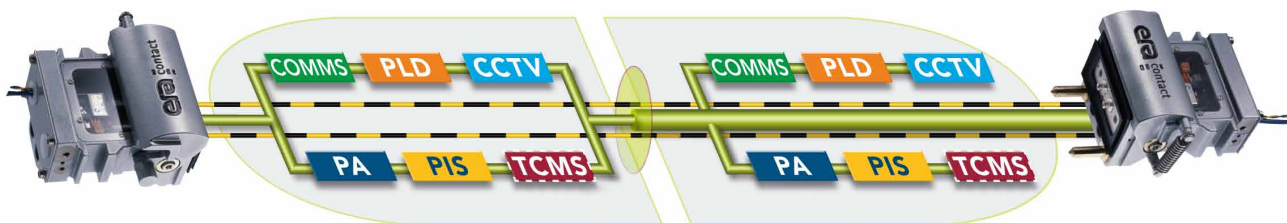
## EASY RETROFITTING FOR YOUR TRAIN



Refurbishment of a metro

The era-transceiver® is used as an interface for the high-speed data transfer between carriages of rail vehicles. The system we supply can be retrofitted quickly and easily to existing vehicles. This solution ensures you all the benefits of flexibility in rail traffic. The era-transceiver® can be used for refurbishment purposes and, of course, for new vehicles.

### Systems along the signal:



Gigabit Ethernet  
(1000BaseTx/Fx)



Fast Ethernet  
(100BaseTx/Fx)



Redundant cable system  
for safety-relevant systems.

PA	Public Address
PIS	Passenger Information System
CCTV	Closed Circuit Television
COMM	Communications Systems
PLD	Passenger Load Determination
TCMS	Train Control Management System

Quality standards: We deliver this product according to our tested and certified quality standards.



**ISO/TS 16949 incl. ISO 9001**  
Quality management standard  
of the automotive industry, all  
locations are certified



**DIN EN 15085 CL1**  
International welding  
permit for rail vehicles



**IRIS**  
Quality management stan-  
dard of the railway industry



## **MORE BENEFITS FOR YOU:**

- Strict adherence to delivery dates
- Consistently high quality worldwide
- All-round service worldwide
- Many years of expertise for your product
- International positioning
- Engineering service on site – from prototype to after-sales
- Just-in-time delivery
- Original manufacturer
- A team only for you



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