

MAKING MOBILITY HAPPEN.

CN  CONSULT

today / tomorrow / together

HÜBNER EXPERT TALKS

INSIGHT GERSYS SYSTEMS

WHAT IS IMPORTANT FOR TURNKEY SOLUTIONS IN REFURBISHMENT PROJECTS FOR RAILWAY APPLICATIONS?

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A SHORT HISTORY OF CN-CONSULT



- Founded in 1997
- passenger information systems for stations, management centers and trains
- All software is completely web-based, operation via browser
- European Market leader in document distribution software
- broad variety of products
 - ... stationary InnoScreen® and announcements for passenger information
 - ... powerful software solution for railway operation / management centers
 - ... OnBoard passenger information (hardware & software)
- Specialist for equipping new trains and also for refurbishment projects
- Specialist for complex PI-migration concepts for railway operators

ONBOARD PASSENGER INFORMATION SYSTEMS (HARDWARE)

New trains

- built from scratch
- many possibilities to implement
- Modern IP-based network
- redundancy
- challenge: price

Refurbishment projects

- Existing trains
- Installation space is precious
- Often old non-IP-based networks
- No redundancies
- challenges: space, compatibility, price



CHALLENGES

SPACE, COMPATIBILITY, PRICE, POSSIBILITY TO RE-USE EXISTING HARDWARE

- Flexibility of the supplier-network is very much needed – more than ever before
- In Gersys we found a partner who can meet our needs and even more important: the needs of our customers



CHALLENGES

SPACE, COMPATIBILITY, PRICE, POSSIBILITY TO RE-USE EXISTING HARDWARE

- 10,4“ Human Machine Interface with
 - ... COM / RS232
 - ... Ethernet
 - ... USB M12 & USB A
 - ... 4 x digital I/O
 - ... Line out & Mic
 - ... CFast-Card
- EN 50155
- XGA resolution
- Wide-range power supply 24-110 VDC
- UPS
- Intel Apollo Lake

INTEGRATION OF GERSYS PRODUCTS

Different customers, different trains, different needs ...

- 8.4" HMI
- Rail-PC in 2 different setups with 10,4"-HMI-interfaces
 - ... Apollo Lake-Processor
 - ... Tiger Lake Processor
- There is more to come ...



RELIABILITY

HOW WE SEE OUR RELATIONSHIP WITH OUR SUPPLIERS

- Partnership
- Give and take
- Communication
- Trust

Thank you for your kind attention!

