



Providing safe and convenient access for all



# DLC2 NG

## Door Control Unit



### The safest Door Control Unit on the market:

- SIL4 validation by TÜV Süd
- Cyber security ready

Successor to the Faiveley DLC2 best-seller, enriched with latest market-driven innovations: highest safety level, cybersecurity and connectivity, for platform screen doors and on-board door applications (all market segments).

As the electronic nerve center of the door, it manages:

- primary functions: driving the door system
- safety functions: door spurious opening / obstacle detection / force on passengers
- data recording for diagnostic and Condition Base Maintenance
- all types of train network with a cost-effective solution for Ethernet (native daisy chain).



### CUSTOMER BENEFITS:

- + **Unprecedented SIL4 safety level**  
For complete passenger safety
- + **Condition Base Maintenance ready**
- + **Cyber secured by design**
- + **Reduced software development leadtime**  
Thanks to native segregation of SIL levels, no need for dedicated project assessment

Prototype



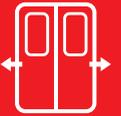
Ready to quote



Ready to produce



In production



## First SIL4 assessed Door Control Unit: Faiveley once again takes the lead in improvement of railway door safety

### Credentials:

- First Door Control Unit with concept, design (hardware and software) and development process **SIL4 assessed by TÜV SÜD, according to EN 50126 / 50128 / 50129**

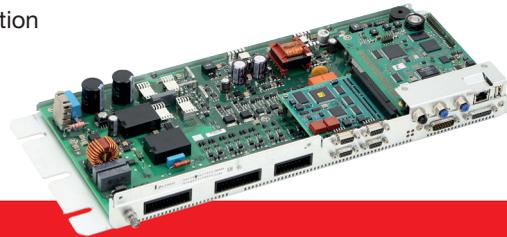


### Latest references:

- RATP Line 4:  
Modular installation of more than 1,000 platform screen doors on Paris metro Line 4
- SEPTA multi-level:  
Recently awarded for an on-board door application

### Compliant with:

- EN 50155, EN 50121-3-2, EN 50124-1
- EN 45545 (HL3)



### Product specifications

#### Cybersecurity

- HTTPS secure communication for maintenance access
- Automatic inhibition of all ports not used during operation
- Internal firewall to protect against applicative Denial of Service

#### Condition Base Maintenance

Constant monitoring of the door, thanks to real-time embedded Linux core

#### Software development

Assessed standard architecture  
→ no additional safety development and no unitary tests during project

#### Train network

Native Ethernet and daisy chain (IPTCOM, TRDP, CIP)  
Suitable for any other train network (RS485, MVB, LON, HDLC, CAN, Profinet)

#### Available options

Integrated sound player (.wav)



To discover everything **DLC2 NG** can do, contact:

#### Faiveley Transport Tours

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