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
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

<table>
<thead>
<tr>
<th>Category</th>
<th>Specification</th>
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<tbody>
<tr>
<td>Cybersecurity</td>
<td>• HTTPS secure communication for maintenance access</td>
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<td></td>
<td>• Automatic inhibition of all ports not used during operation</td>
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<td></td>
<td>• Internal firewall to protect against applicative Denial of Service</td>
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<td>Condition Base Maintenance</td>
<td>Constant monitoring of the door, thanks to real-time embedded Linux core</td>
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<tr>
<td>Software development</td>
<td>Assessed standard architecture</td>
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<tr>
<td></td>
<td>➜ no additional safety development and no unitary tests during project</td>
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<tr>
<td>Train network</td>
<td>Native Ethernet and daisy chain (IPTCOM, TRDP, CIP)</td>
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<td></td>
<td>Suitable for any other train network (RS485, MVB, LON, HDLC, CAN, Profinet)</td>
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<tr>
<td>Available options</td>
<td>Integrated sound player (.wav)</td>
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</tbody>
</table>

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

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