DESIGNED TO MEET RAILWAY REQUIREMENTS

• Platform solutions which can be modified to meet your application needs

• Full Integration service

• IRIS CERTIFICATION

• ISO / AWS CERTIFIED

YOUR PARTNER FOR ENCLOSING, PROTECTING AND COOLING RAIL TRAFFIC SYSTEMS

• Safeguard your system with nVent SCHROFF products both standard and modified standard platform solutions.

• IRIS and ISO quality systems in place

• Project and life cycle management:
  - Original design concept
  - Prototyping
  - Testing & Certification
  - Serial production on a Global Footprint

CERTIFICATIONS LEGEND

• EN15085 / AWS welding certifications

• IEEE Std299-2006, IEC61587-3 EMC certifications

• EN50155 on board shock & vibration for subracks

• CENELEC EN50125-3, AREMA 11.5.1 track side shock & vibration for enclosures

• EN45545, low smoke zero halogen, tunnels and on board

Europe

Betschdorf, France
Tel. +33.3.88.90.64.90

Straubenhardt, Germany
Tel: +49.7082.794.0

Dzierzoniow, Poland
Tel: +48.74.64.63.900

Lainate, Italy
Tel: +39.02.932.7141

North America

Warwick, RI, USA
Tel   +1.800.525.4682

San Diego, CA, USA
Tel   +1.800.854.7086

Middle East & India

Dubai, United Arab Emirates
Tel   +971 4 37 81 700

Bangalore, India
Tel   +91 80 67152000
E-mail: contact.marketing@
nVent.com

Istanbul, Turkey
Tel   +90 216 250 7374

Asia

Shanghai, China
Tel   +86 21 2412 6943

Qingdao, China
Tel   +86 523 8771 6101

Singapore
Tel   +65 6768 5800

Shin-Yokohama, Japan
Tel   +81 45 476 0271

CONNECT AND PROTECT

Railway Technology Overview

On Board & Trackside Certified Partner

Our powerful portfolio of brands:

CADDY   ERICO   HOFFMAN   RAYCHEM   SCHROFF   TRACER

nVent.com/SCHROFF

SCHROFF

nVent Solutions for each Environment

INDOOR - OUTDOOR - ON BOARD

GSM-R

Ruggedized card retention up to 40G

On board Cabinet 10-40U Space saving swing frame option

Space saving mounting frame for subrack system.

European Train Control System / Vehicle On Board Computer

Conducted cooled With IP65 Integrated PSU & CPCI Backplane also communication BUS, also available to AAR specification

ONBOARD

CABINET:

EN15085, EN45545 in progress.
EMC IEEE Std 299-2006, IEC 61587-3, up to IP55.

SUBRACK:

EN50155, wide T° range -40°C / + 85°C, -40°F / +185°F, dimension IEEE1101.11, BN411003, NF 61005, EN45545

WALLMOUNT:

EN15085/AWS, EN45545.

TRACKSIDE OUTDOOR

CABINET:

IP55, Outdoor paint LSZH.
Single or double walled construction.
Solar load protection.
Rain protection for maintenance.
Cooling options include: passive and active

WALLMOUNT:

EN15085/AWS, EN45545, Door
Opening up to 180° with locking latch.
Wall and Pole mount options available.
Aluminium, Mild and Stainless Steel.
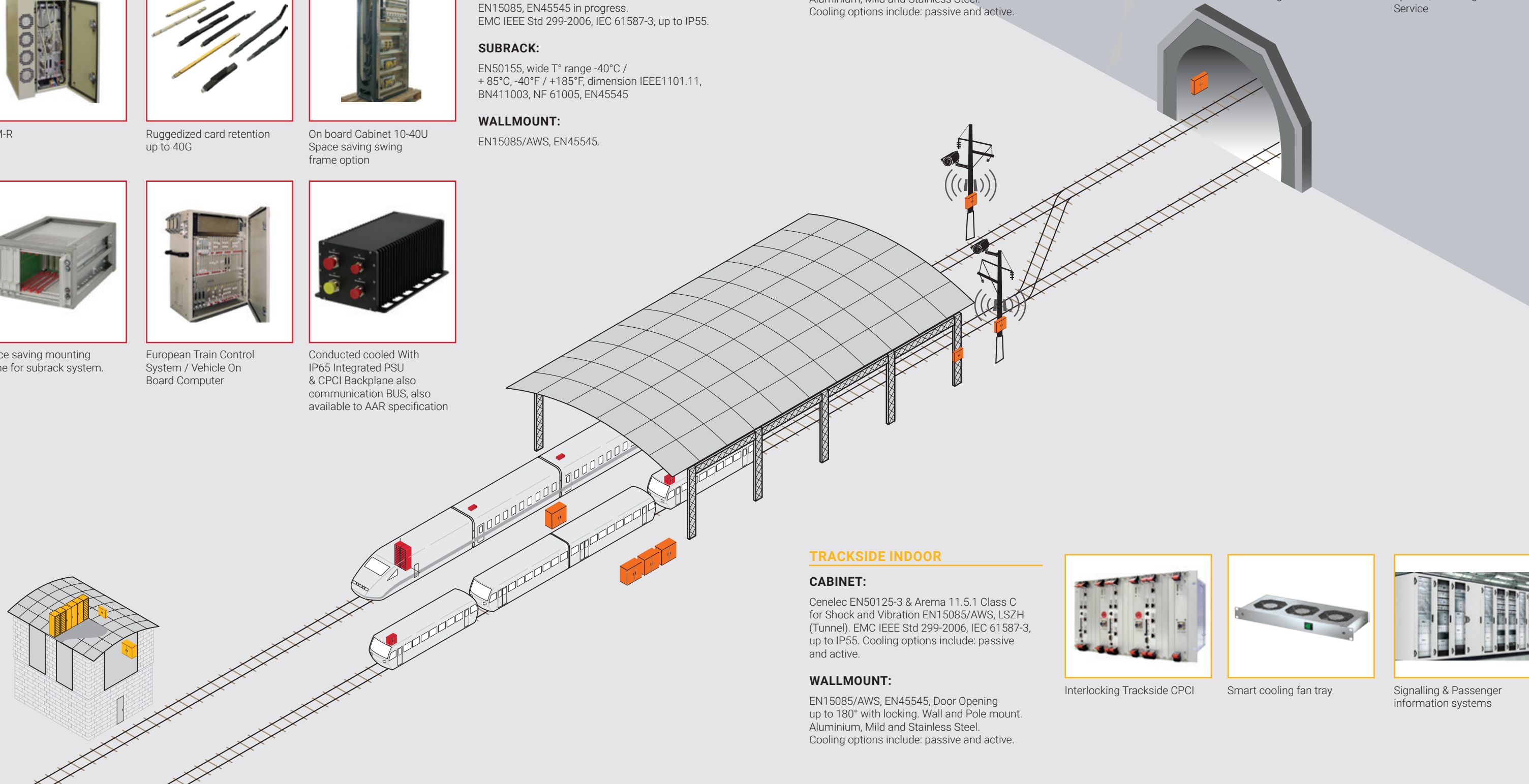Cooling options include: passive and active.

Power distribution & High voltage detection

Axle counter, zone controller, wheel T°, track maintenance, interlocking.

Wi-fi, Access point, Fiber splicing, Wall & Pole mount options, Full Integration Service

TRACKSIDE INDOOR

CABINET:

Cenelec EN50125-3 & Arema 11.5.1 Class C for Shock and Vibration EN15085/AWS, LSZH (Tunnel). EMC IEEE Std 299-2006, IEC 61587-3, up to IP55. Cooling options include: passive and active.

WALLMOUNT:

EN15085/AWS, EN45545, Door Opening up to 180° with locking. Wall and Pole mount. Aluminium, Mild and Stainless Steel. Cooling options include: passive and active.

Interlocking Trackside CPCI

Smart cooling fan tray

Signalling & Passenger information systems