



image credit:
123RF-anmbph

**See Charcroft
at the
Rolling Stock
Networking
Event
Derby Velodrome
July 11th 2019**

Rail Challenge #1: Legacy system upgrades

Challenge Charcroft to help you to overcome obstacles to designing upgrades for electronic systems in rolling stock or signalling. The flexibility to customise standard products can enable new components to become drop-in replacements for legacy parts, or provide additional environmental protection against harsh environments.

Standard, semi-custom and fully customised components

POWER SUPPLIES

- EN50155 & EN50121 compliant
- EN50121-4 AC/DC 150W
- Wide input voltages
- Vacuum encapsulation



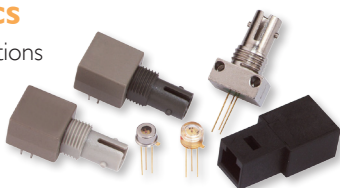
THERMOSTATS, SENSORS & BREAKERS

- Pressure sensors
- Thermostats
- Circuit breakers



OPTOELECTRONICS

- ST-connectorised solutions
- Fibre-optic TX/RX discrete components



RESISTORS

- Surface mount
- Tubular wire-wound
- Voltage & current-sense
- Specialist power resistors



CAPACITORS

- Aluminium electrolytic
- High-power, HV film capacitors
- Precision mica capacitors
- High-voltage MLCC
- Tantalum



MAGNETICS

- Transformers & inductors
- Sensors & electro-magnets



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AIRPAX

EXXELIA

KEMET
CHARGED

KLIXON

MTM POWER

Sensata
Technologies

Tt Electronics

Charcroft: Challenge Accepted

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ELECTRONICS

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Passives, Power, Sensors, Emech and more