



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
- Wide input voltages
- Vacuum encapsulation



THERMOSTATS, SENSORS & BREAKERS

- Pressure sensors
- Thermostats
- Circuit breakers



MAGNETICS

- Transformers & inductors
- Sensors & electro-magnets



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



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ELECTRONICS

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