



INDUSTRIAL COMPUTERS / EMBEDDED BOARDS / DATA AQUISION

Computing without frontiers.
FOR THE RAIL INDUSTRY

Computers for Rail

Blue Chip Technology offer high performance computing solutions for the rail and transport sectors – ruggedised, mission critical systems designed to keep the nation moving day and night.



BS EN ISO 9001
Certificate No 33069



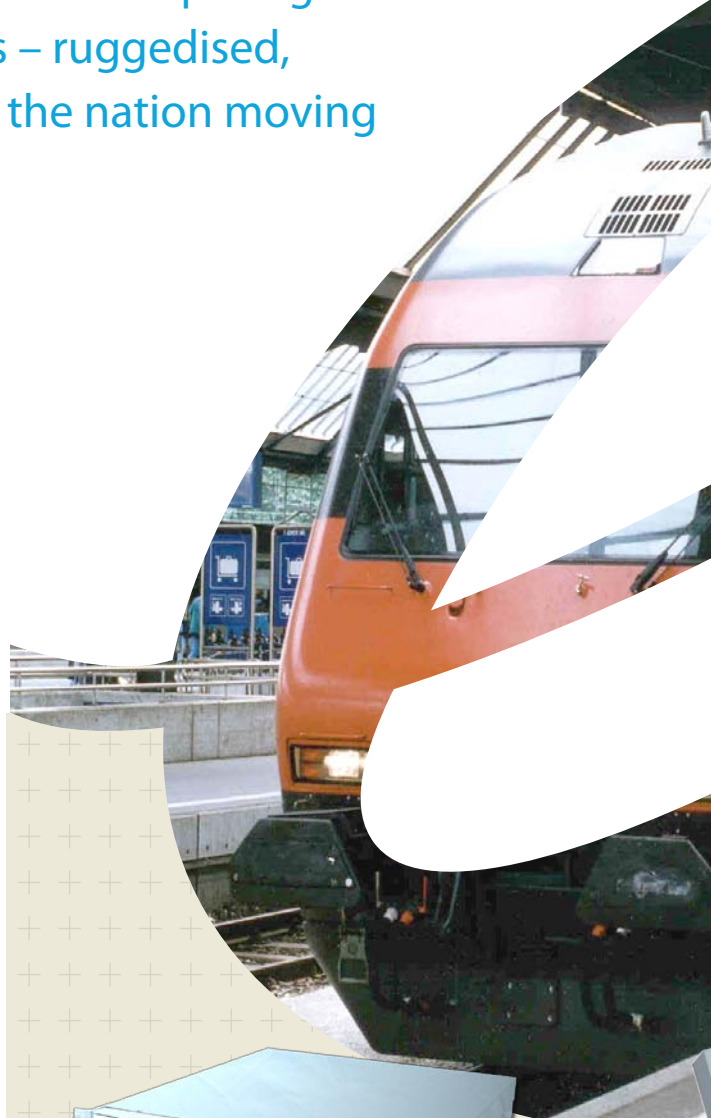
INVESTOR IN PEOPLE



With an extensive range of industrial computers, embedded boards and data acquisition modules, Blue Chip Technology hold all the building blocks for the control, automation and monitoring of the rail network. Based in the North West of the UK, we design and manufacture our own industrial computer systems and boards and test through our on-site EMC chamber. Our team of electrical, mechanical and software engineers ensure first class customer support and maintain an unrivalled standard of technical excellence. Key industry players such as Westinghouse, Serco and Siemens Transport trust and deploy Blue Chip Technology product around the world.

We have accumulated over twenty five years of experience working with customers with unique problems – harsh working conditions, space limitations, Low Smoke Zero Halogen (LSOH) materials, extended temperatures, regulation conformities; and total system redundancy. Blue Chip Technology designs systems specific to the demands of the rail sector. Our industrial computers conform to Rail Industry Association guidelines on shock and vibration, rail-specific EMC standards and London Underground Ltd (LUL) regulations governing EMC and environmental conditions.

In addition to an extensive off the shelf portfolio, we excel in custom projects – accommodating low level modifications or a full design and production service.



Product Features

- MISSION CRITICAL BUILDS
- DUAL XEON PROCESSING
- 24/7 OPERATION
- SYSTEM EXPANSION AND REDUNDANCY
- EXTENDED TEMPERATURE SPECIFICATIONS
- PLATFORM STABILITY



Applications

- RUGGEDISED BUILDS
- CUSTOM DESIGN
- REGULATION COMPLIANCE
- LS0H (LOW SMOKE ZERO HALOGEN) MATERIALS
- STATION MANAGEMENT SYSTEM COMPUTING PLATFORMS
- SIGNALLING CONTROL
- HMI & SCADA APPLICATIONS
- IN CAB COMMUNICATIONS
- SECURITY & VIDEO SURVEILLANCE
- PUBLIC INFORMATION SYSTEMS



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