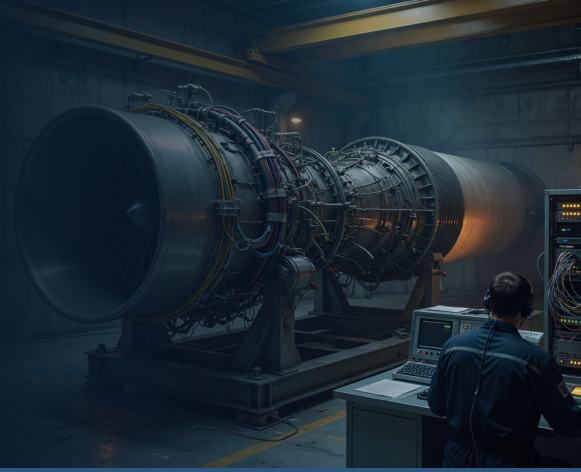


Aerospace

Control systems that run every special process as qualified, with full traceability.



Aerospace manufacturing and repair work to tight specifications on high-value parts, where a drifting process puts far more than the part at risk. Control systems for cleaning, heat treatment and testing must run each process exactly as qualified, trace every part and give auditors records they can trust.

YOUR PRIORITIES

What matters most

Special processes, right every time

Every run to the approved specification.

Traceability for every part

Every part traced through every process.

Data you can trust

Complete, protected process records.

Controlled change

No change reaches production unapproved.

STANDARDS

Standards we work to

AS9100 (EN 9100)

Quality management for aviation, space and defence organisations, built on ISO 9001.

Nadcap

Industry accreditation of special processes such as heat treating, chemical processing and non-destructive testing.

AMS2750 pyrometry

Temperature sensors, instruments, calibration and furnace uniformity and accuracy testing for thermal processing.

AS9145 (APQP and PPAP)

Advanced product quality planning and production part approval for aviation, space and defence.

BS EN ISO 13849-1

Safety-related parts of machine control systems, rated by performance level (PL).

IEC 62443

Security for industrial automation and control systems.

HOW WE DELIVER



Systems we engineer

- Component and blade cleaning lines
- Chemical processing and surface treatment
- Furnace and heat treatment control
- Test rigs and data acquisition
- Process recording and part traceability
- Maintenance reporting and diagnostics

PROJECT EXPERIENCE

Blade cleaning facility

Matrix delivered the control system for a blade cleaning facility. Every project we deliver follows the same approach: requirements and acceptance criteria agreed up front, logic tested against a simulation before site, and full documentation and test records at handover.

ISO 9001 certified • Cyber Essentials • CHAS • Constructionline • SafeContractor

Talk to us about your project

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