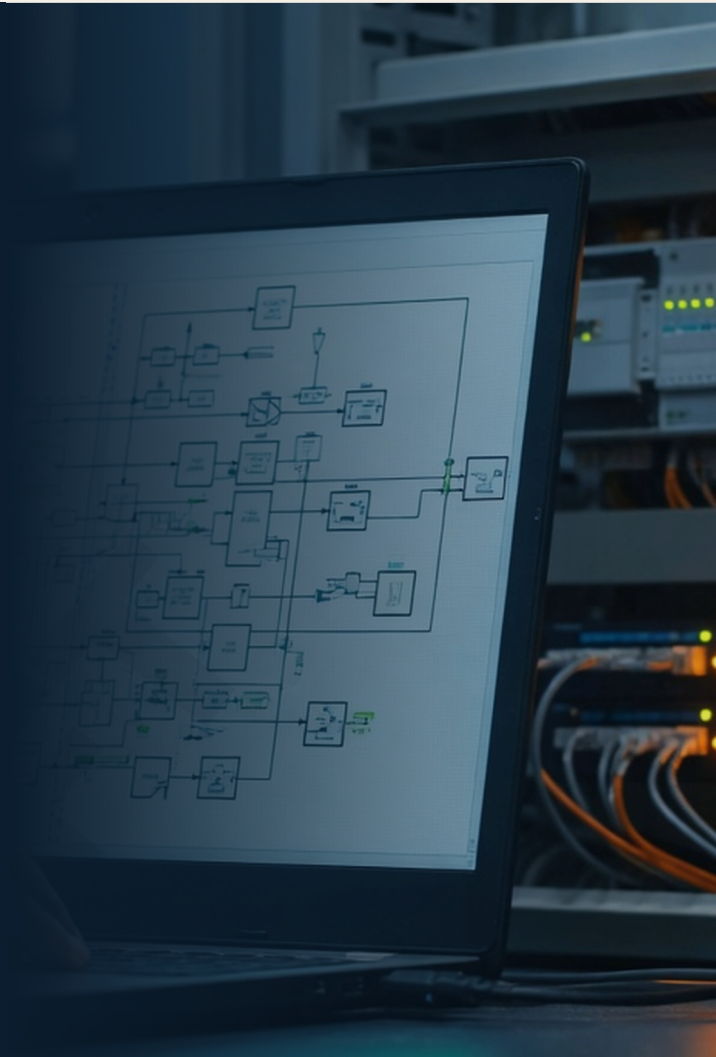




BROWNFIELD AND GREENFIELD CODE DEVELOPMENT

Your standard. Clean code. Proven.

PLC and SCADA software for new plants and old ones, written the way you want it.

✓ **Your blocks or ours**

✓ **Generated from
your examples**

✓ **Tested before site**

WHAT WE DO

Your standard, your blocks

Our standard

A standard built with you

Generated from your examples

Brownfield: understand, then change

Greenfield: specification to code

Talk to us about your software

enquiries@matrixsystems.co.uk

0121 240 7454

www.matrixsystems.co.uk

SOUND FAMILIAR?

Code that works, but nobody can follow

THE PROBLEM

Spaghetti code

Mapped and documented

Existing code analysed first; every change made under control.

THE PROBLEM

Suppliers ignore your standard

We write to it

Your blocks, your naming, your rules. Or ours.

THE PROBLEM

Faults found at commissioning

Proven in simulation

Sequences and interlocks tested before factory acceptance.

THE PROBLEM

Documents that drift

Documents that match

I/O, alarm and cause-and-effect lists from the code itself.

HOW IT WORKS

Two starting points, one standard of evidence

BROWNFIELD: AN EXISTING PLANT

Existing code

Analyse +
documentYour
standardTested in
simulationSite +
support

Specification

Generate +
write

GREENFIELD: A NEW SYSTEM

WHAT WE DO

Six ways we develop your software

01

Your standard, your blocks

To your coding standard and block library

02

Our standard

To the Matrix software standard

03

A standard built with you

A new standard, created and documented with you

04

Generated from your examples

The project generated from your examples

05

Brownfield: understand, then change

Existing code analysed, documented and modified

06

Greenfield: specification to code

New systems built from the specification

OUR PROMISE

Structured, standards-led software, tested before site and documented as it runs.



HOW WE DELIVER

From requirement to supported system

Specify

Requirements and existing code

Standardise

Agree the standard

Develop

Write or generate, review

Test

Simulation and FAT

Commission

Site and SAT

Support

Hand over and support

WHY MATRIX

Engineers you can rely on

Since 1997

Designing, building and supporting industrial control systems.

ISO 9001

Certified quality system, plus Cyber Essentials, CHAS, Constructionline and SafeContractor.

24/7

Support available under a support agreement, for the life of your system.

Multi-vendor

Siemens, Rockwell, ABB, Schneider, Mitsubishi, Beckhoff, Emerson, Honeywell, GE.

QUICK ANSWERS

Will you use our standard?

Yes. If you have a coding standard or block library, we write to it. If you do not, we offer ours or build one with you.

Our code is undocumented. Can you still work on it?

Yes. We analyse it first and recover the I/O list, alarm list, cause-and-effect and a functional description.

Who owns the software?

You do. You receive the source, its history and the documents, so you can support it yourself or with any supplier.

LET'S TALK

Talk to us about your software

Ask for the full service brief, or book a call with an engineer.

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