

UPGRADES • MODIFICATIONS • INTEGRATION

Old controls. New life.

Upgrade PLCs, SCADA and functions
without stopping the plant you depend
on.

✓ **No big-bang
shutdowns**

✓ **Tested before site**

✓ **Every discipline,
one system**

WHAT WE DO

Controller migrations

Software and firmware upgrades

HMI and SCADA modernisation

Functionality upgrades

Modifications and extensions

Integration across disciplines

Talk to us about your upgrade

enquiries@matrixsystems.co.uk

0121 240 7454

www.matrixsystems.co.uk

SOUND FAMILIAR?

Your plant has outgrown its controls

THE PROBLEM

Spares you can't buy**Move to supported kit**

S7-300 and S7-400 to S7-1500, STEP 7 to TIA Portal, and more.

THE PROBLEM

Nobody knows the code**We map it first**

I/O, alarms and sequences recovered before anything changes.

THE PROBLEM

No time to stop**Phased cut-overs**

Planned around your outages, with a tested way back.

THE PROBLEM

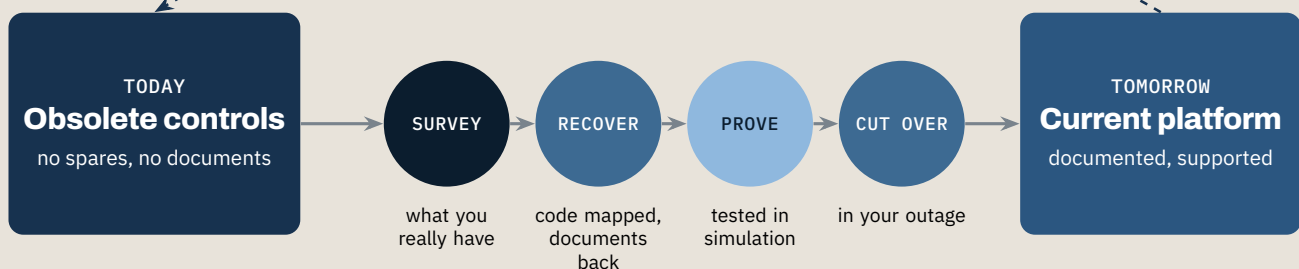
New kit won't talk**One integrated plant**

Drives, robots, instruments and vision working as one.

HOW IT WORKS

From obsolete to supported, one safe step at a time

TESTED WAY BACK, IF YOU NEED IT



WHAT WE DO

The upgrades we deliver

01

Controller migrations

Obsolete PLCs to current platforms

02

Software and firmware upgrades

Supported software versions

03

HMI and SCADA modernisation

New panels and SCADA, same operation

04

Functionality upgrades

New functions on a running system

05

Modifications and extensions

Extensions to existing and new systems

06

Integration across disciplines

Every discipline, one control system

OUR PROMISE

Upgrade in steps you can afford, without losing what works or the production you depend on.



HOW WE DELIVER

From survey to supported system

Survey

What you really have

Recover

Understand the code

Plan

Stages and cut-over

Engineer

Convert and extend

Prove

Simulation and FAT

Cut over

Site, SAT 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

Do we have to replace everything?

No. We can upgrade in stages, keep what works, and plan each stage around your production.

We have no documentation. Is that a problem?

No. We recover the I/O list, alarm list and a functional description from the code before we change it.

What if something goes wrong on the day?

Every cut-over has a rollback plan and a proven backup, so the old system can be restored.

LET'S TALK

Talk to us about your upgrade

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

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