stratos
Control Systems ltd.

How to Reduce Dependency on SPECIALIST ENGINEERS in Industrial Automation

Build systems that are easier to support, maintain and scale.

1 IDENTIFY KNOWLEDGE GAPS

Understand where risk exists.

- Highlight systems only a few people understand
- Identify reliance on key individuals
- Assess legacy system expertise

Risk often sits with people, not systems.

2 DOCUMENT YOUR SYSTEMS PROPERLY

Capture and keep knowledge for the future.

- Capture PLC logic and architecture
- Maintain up-to-date drawings
- Record system changes

Documentation replaces tribal knowledge.

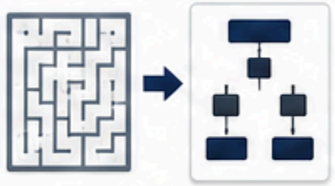
3 STANDARDISE SYSTEM DESIGN

Create consistent systems that anyone can follow.

- Align PLC code structures
- Standardise naming conventions
- Recate consistent architectures

Consistency reduces learning curves.

4 REDUCE SYSTEM COMPLEXITY



Simplify and streamline where possible.

- Simplify architectures
- Remove unnecessary variations
- Align technologies where possible

Simpler systems are easier to support.

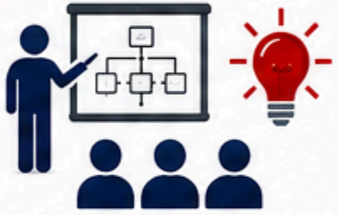
5 MODERNISE LEGACY SYSTEMS STRATEGICALLY

Upgrade to reduce reliance on outdated skills.

- Replace obsolete platforms
- Improve integration capability
- Reduce reliance on outdated skills

Modern systems widen the talent pool.

6 IMPROVE KNOWLEDGE TRANSFER



Share knowledge and build internal capability.

- Train engineering teams
- Share system understanding
- Build internal capability

Knowledge should be shared, not siloed.

7 BUILD FOR LONG-TERM SUPPORTABILITY

Design systems that are easy to support for years to come.

- Design systems future engineers can support
- Improve maintainability
- Reduce dependency on individuals

Systems should outlast people.

LESS DEPENDENCY
Reduce reliance on key individuals.

FASTER SUPPORT
Issues resolved quicker with more available skills.

GREATER RESILIENCE
Systems remain robust even when people change.

EASIER SCALABILITY
Standardised systems are easier to grow.

LOWER RISK
Reduce operational and business risk.

REDUCE SKILLS DEPENDENCY AND IMPROVE SYSTEM SUPPORTABILITY

Talk to an Engineer today.

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