

Delivering World-Class Solutions in Automation, MES, CSV & Industry 4.0

Knott Automation Projects

EUR ING Andrew Knott
BSc (Hons), MBA (Distinction - Leeds)

Digital Transformation Demands More Than Just Technology

Industrial innovation programmes often fail when they cannot bridge the critical gap between board-level strategic goals and the technical reality of the factory floor (OT/IT). Success requires a rare synthesis of business acumen, deep engineering expertise, and an unwavering command of regulatory compliance. Without this synthesis, projects face delays, budget overruns, and fail to deliver genuine commercial value.

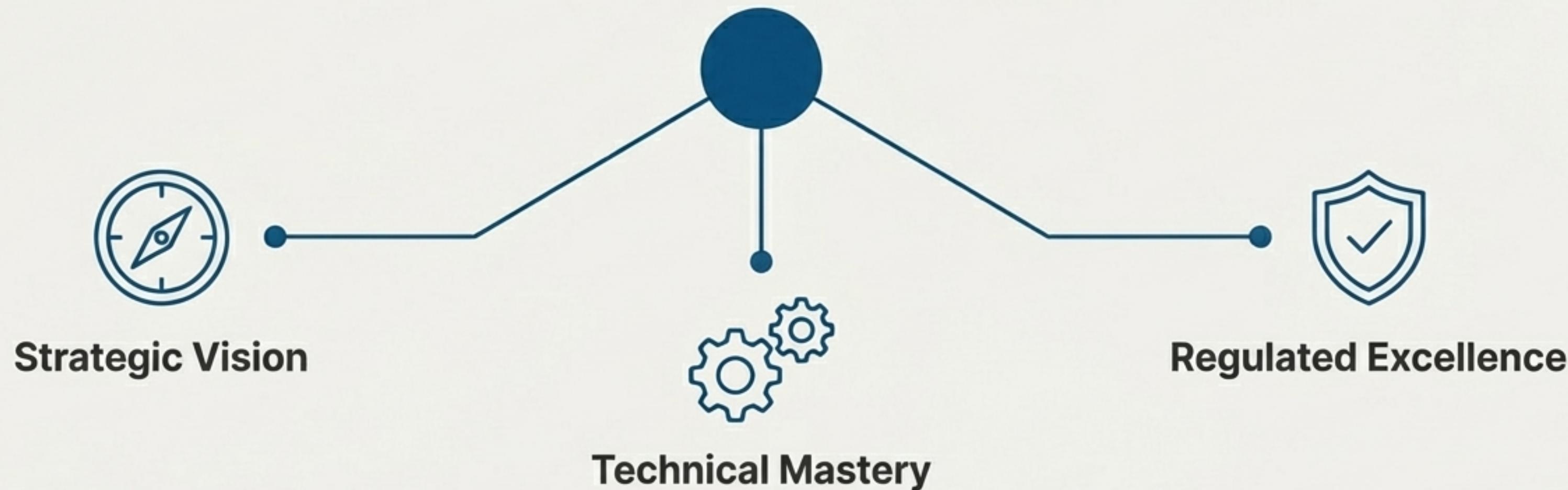


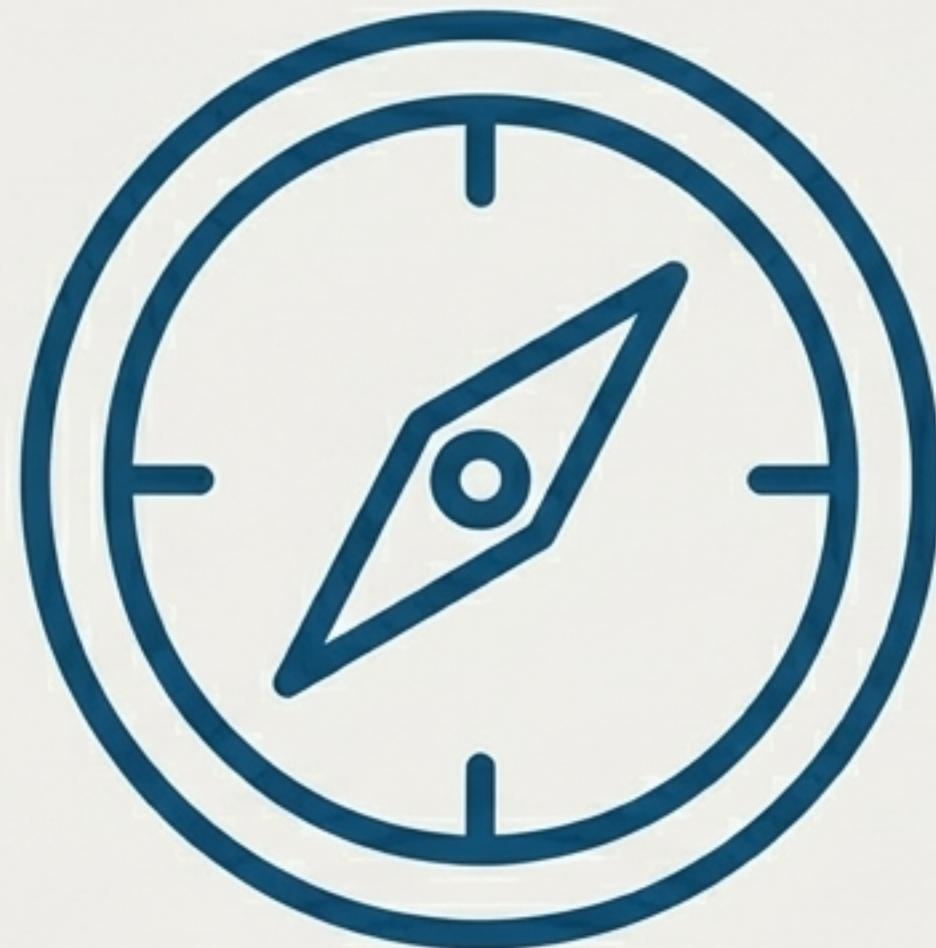
Strategy

Execution

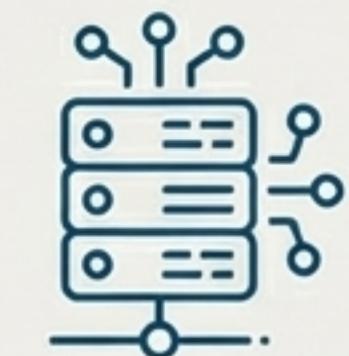
The Solution: A Synthesis of Three Pillars of Value

Our approach is built on the integration of three distinct but interconnected areas of expertise. This unique combination ensures your most critical automation and manufacturing IT initiatives are not only technically sound but are strategically aligned and delivered with regulatory rigour.





We translate your business objectives into actionable technical roadmaps. By defining a clear strategy for Industry 4.0 / 5.0, we ensure that every engineering decision is directly linked to commercial outcomes, de-risking investment and maximising ROI.



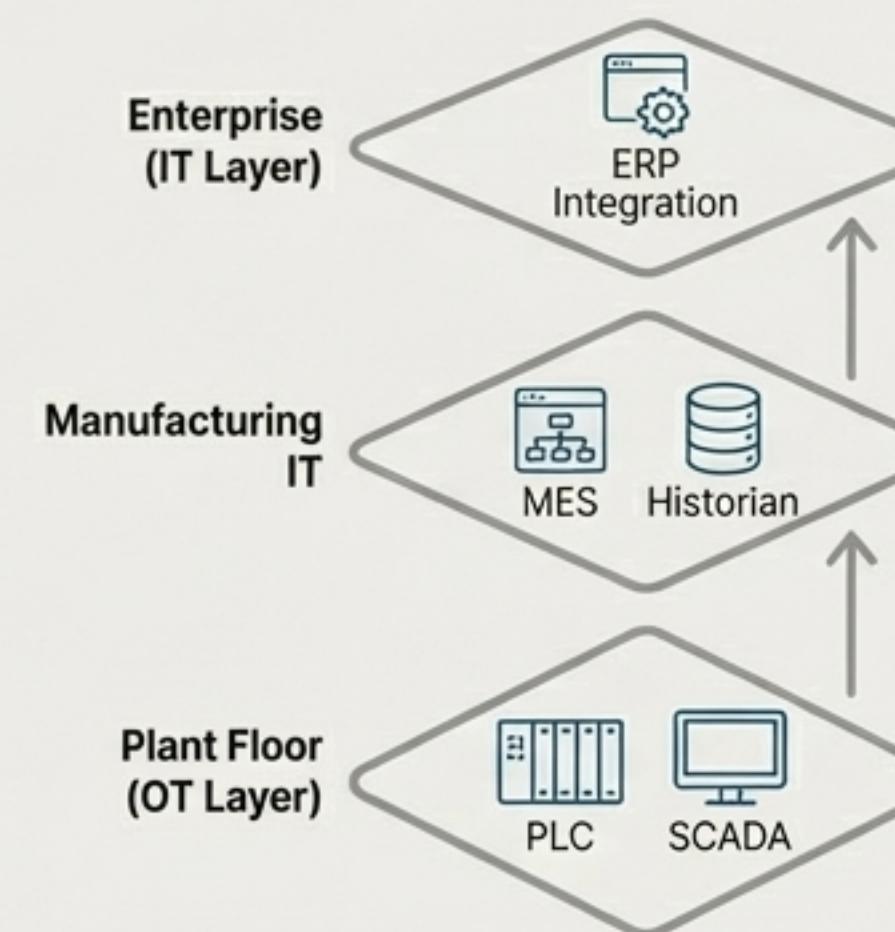
Pillar 1: Strategic Vision – Aligning Technical Projects with Commercial Goals

Key Capabilities:

- Business & Operations Management
- Industry 4.0 / 5.0 Roadmap Definition
- Ensuring Digital Transformation Delivers Genuine Commercial Value



Pillar 2: Technical Mastery – Engineering World-Class Automation Solutions



With over three decades of hands-on experience, we possess the deep technical knowledge to architect and manage the entire automation and manufacturing IT stack. From the plant floor to the enterprise level, we ensure robust, scalable, and secure solutions.

Key Capabilities:

- Automation Strategy (PLC, SCADA, DCS)
- Manufacturing IT (MES, Historian, ERP Integration)
- Data Integrity & Cyber Security (OT)



Pillar 3: Regulated Excellence – Delivering Validated Systems with Confidence

We specialise in delivering projects within the most demanding regulatory landscapes, particularly Life Sciences. Our rigorous approach to Computerised Systems Validation (CSV) ensures compliance, mitigates risk, and guarantees that systems are audit-ready from day one.

Key Capabilities:

- Computerised Systems Validation Validation (CSV / GAMP 5)
- Life Sciences Sector Expertise
- Data Integrity Assurance



A Comprehensive Expertise Matrix

Our capabilities cover the full lifecycle of a modern industrial automation programme, from initial strategy to validated implementation.



Strategic Vision

- Business & Operations Management
- Industry 4.0 / 5.0 Roadmap Definition
- Programme & Project Management



Technical Mastery

- Automation Strategy (PLC, SCADA, DCS)
- Manufacturing IT (MES, Historian, ERP Integration)
- OT Cyber Security

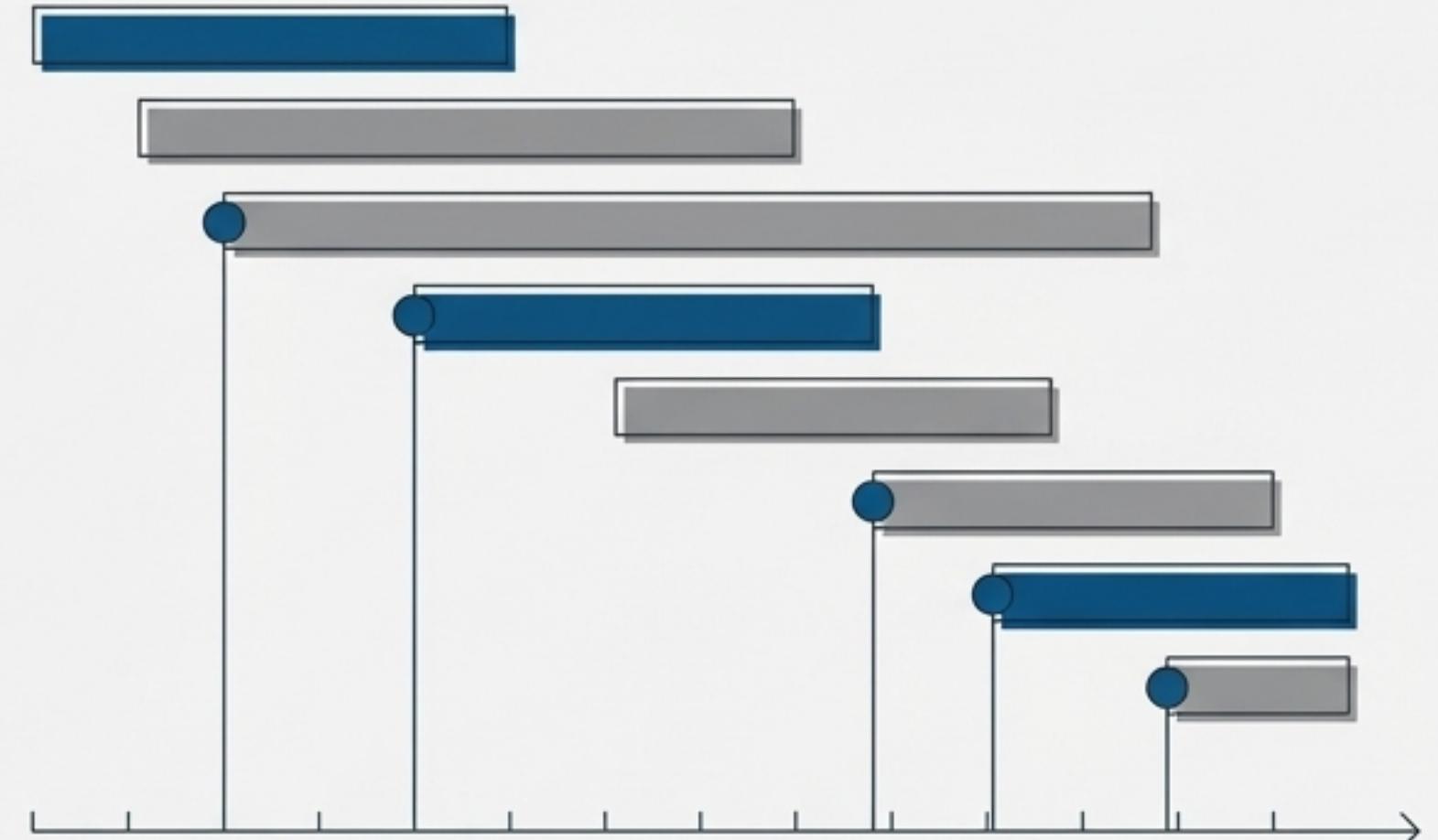


Regulated Excellence

- Computerised Systems Validation (CSV / GAMP 5)
- Data Integrity

A Disciplined Approach to De-Risking Complex Initiatives

Superior outcomes are the result of superior process. We apply world-class programme and project management methodologies (PMP, APM) to ensure your most complex initiatives are delivered on time, on budget, and to the highest quality standards. We manage complexity so you can focus on your business.



Underpinned by 30+ Years of Global Tier-One Experience

The expertise offered by Knott Automation Projects is the culmination of a career built within world-leading engineering, consulting, and technology organisations.



A Commitment to Chartered Professional Excellence

Our work is guided by the rigorous ethical and technical standards required by the world's leading engineering, management, and project management institutions. This represents a verifiable benchmark of quality and competence.

CEng:

Chartered Engineer

FIET:

Fellow, The Institution of
Engineering and Technology

FInstMC:

Fellow, The Institute of
Measurement and Control

CMgr, FCMI:

Chartered Manager &
Fellow, Chartered
Management Institute

FAPM:

Fellow, The Association for
Project Management

PMP:

Project Management
Professional



The Principal Consultant: Andrew Knott

A results-oriented Chartered Engineer bridging the gap between technical engineering and board-level strategy.

- **Title:** "EUR ING"
- **Education:** "BSc (Hons), MBA with Distinction (Leeds University Business School)"
- **Experience:** "30+ years global experience in Automation, MES, and CSV"
- **Core Value:** "Ensuring digital transformation programmes deliver genuine commercial value."

Let's Discuss Your Strategic Automation Initiatives

Knott Automation Projects



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