

## Consultant Profile

### Derek Coombes M.Sc., C.Eng. MIEE



Derek, although an experienced business applications consultant, is an Engineer by training. He now specialises in the application of manufacturing control systems and the development of associated processes. He has over 35 years experience in all sectors of manufacturing industry and has successfully shared this experience in consultancy, training, product development and project management roles with a wide range of clients. He acts as a consultant, project manager, business analyst, QA advisor, educator and trainer on all types of applications associated with manufacturing industry.

#### Key Skills

- Systems Evaluation & Selection including Vendor negotiation
- Process Mapping & Business Process Re-engineering
- Logical, detailed and investigative ability to problem solve
- Project Management, Project Planning
- Project & user Documentation (Paper, Systems & Web based)
- Evaluation & documentation of user requirements
- Preparation of Functional & Design specifications
- In-depth full systems development Life Cycle process experience
- User to technical support staff liaison
- Preparation of training material, course development and delivery
- Presentation planning, presentation material development and presentation delivery
- "Technology Transfer" to bring the expertise of one industry to another. (Wide business/industry experience)
- Computer literacy & skills over wide range of hardware/software (PC to Mainframe; Office automation to bespoke developed software)

#### Industry Sector Experience

- Aerospace & Defence
- Jobbing & Contract Manufacturers
- Automotive & Repetitive
- Software House & IT Hardware
- Process & Pharmaceuticals
- Electronics & Electrical Engineering
- Warehousing & Distribution

#### Affiliations

Registered on the IEE Consultants Register  
Associate of the Consortium of Professional Consultants

#### Contact

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### Major Projects Undertaken

Design and development of in-house bespoke systems in Aerospace & Electrical Engineering Industries.

Implementation of MRPII systems in a wide range of Industries

Training & consultancy to introduce MRPII to overseas markets.

Order Processing, Finished Goods Stock and Distribution systems for a major confectionery manufacture.

Acceptance testing of MRPII system modifications where major upgrade enhancements had been carried out by third parties.

Development of MRPII and SFDC support function including the specification of pre- and post-sales support services, development of management procedures and the day-to-day management of support staff.

Automated Stores standards development for a quality car manufacturer

JIT proposals for Cash Dispenser manufacturer

Functional requirements for a JIT type PCB assembly system

Feasibility Study for a Computer Integrated Manufacturing system for a Paper Mill to include all systems from the integration with the corporate order processing systems to the interfaces with the machine control and monitoring systems.

Functional Design Specification for an Advanced Pharmaceutical manufacturing plant based upon the Lhoest-Froment principles

Evaluation of validation & audit requirements for DHSS and FDA registered suppliers

Development and review of in-house procedures for BS5750 accreditation and Supplier Quality audits.

Specification, sourcing and selection of Integrated Business Systems for small/medium size businesses.

Implementation consultancy for Finite scheduling based Shop Floor Control Systems

Design, Development & Project Management of the implementation of a Configuration Data Management system for UK Defence contractor.

Evaluated and designed a project, including Quality and Project plans, for the Validation of a computer package for Clinical Trial for a Pharmaceutical Development company.

Auditing and re-launching of systems implementations which have "run out of steam"

Implementation of PIM Systems Releasing Procedures & Web Portal for Automobile manufacturer

Web Portal design to access Legacy Systems.