

Derek Arthur BSc(Hons) CEng MIET

Chartered Engineer



Derek Arthur is a Chartered Engineer registered with the UK Engineering Council. Derek has been a member of the Institute of Engineering and Technology (formerly known as the IEE) since 2006.

Derek has more than 25 years experience working in the information technology industry. Derek's career has included roles in application design, development, implementation, project management, IS systems management, enterprise architecture, applications architecture, integration architecture, data architecture and security architecture. A major part of his career has been devoted to systems integration; covering strategy, architecture, design development and implementation. Of note, Derek has provided design authority services to several high profile organisations (FTSE 100, Blue Chip & Government) during some of their major IT change programmes.

Derek has experience in several verticals including manufacturing, transport, utilities (water, electricity & gas), telecoms, and government.

Derek was formally trained as a technician engineer by GEC, leaving them after 7 years. This was followed by 10 years working for the MOD with management responsibility for Europe's largest memory super-computer facility. Derek has spent the last 13 years providing independent IT Consultancy to some of the UK's and Europe's leading companies and government organisations.

Recent assignments

Technical lead on an IS Systems and procedures review of an international manufacturing company, performed as part of a due diligence exercise, prior to a company merger. Responsible for setting up appointments and conducting interviews with key staff across two European countries, authoring site visit reports with analysis and preparing executive conclusions and recommendations. (January 2010)

Lead Service Architect to a European mobile phone operator, responsible for the introduction of a new customer billing system (January 2009 to August 2009)

Chief Service Architect (Design Authority) for one of the Local (London) Service Providers of the NHS Connecting for Health Programme (October 2006 to October 2008)

Design Authority Lead to a Government agency, responsible for the introduction of a new on-line, self-service radio licensing system (July 2006 to October 2006)

Technical Architect to a Government Agency, responsible for the introduction of a replacement document management system including public access terminals conforming to the Disability working Act (January 2006 to March 2006)

Lead Integration Architect on the Design Authority for a leading UK utility's (Water & Electricity) major integration project for the provision of multi-utility services, responsible for integration strategy and design assurance of the systems integration work, also responsible for leading the security review (July 2004 to November 2005)

Lead Integration Architect on the Design Authority for a leading UK utility's (Gas) major integration project for the provision of wireless field workforce management system, responsible for integration strategy and design assurance of the systems integration work (October 2002 to July 2004)

Technical Architect within a small team vested to form a new service business of a FTSE 100 group holding company

Technical Architect & Development Team Leader to a leading international consultancy practice with responsibilities to a high profile client engaged in the business of cable television provision and supply. Projects completed include the introduction of a wayleave management system

Technical Consultant to an international telecommunications provider, with responsibilities for the development and introduction of computer aided testing of intelligent networks

Technical support to an international rail passenger service provider, responsible for developing systems to provide real-time ticket revenue reporting and fraud detection

Academic professional qualifications

- BSc (Hons) degree in electronics, telecoms and software engineering from the Open University 1995
- HNC in electronics and computer programming from Lincoln College of Technology 1986

Professional business certifications

- CEng (Chartered Engineer) registered with the Engineering Council UK
- MIET (Member of the Institute of Engineering and Technology) formerly known as the IEE
- ISO9000 Trained Auditor (Rede Group)
- Instructional Techniques (RAF Newton)

Technical Skills

- Enterprise Architecture (J2EE, JEE, Unix Microsoft, TOGAF, MODAF, IT Security, UML)
- Service Architecture (monitoring, control and auditing of: components, interfaces, messages, logs, databases and events)
- Systems Integration (SOA, EAI, ESB, Middleware, COTS, Legacy & Migration)
- Database Design (Oracle, SQL Server, MySQL)
- Programming Languages (Java, .NET, C#, ASP, Shell Script, SQL, PL/SQL, XML)

Personal Skills

- Assurance (Technical review, Risk & Issue management, Implementation planning)
- Commercial (Requirements, Supplier selection, Product evaluation, regulations and legislation)
- Team management (Planning, Setting objectives, Progress reporting)
- Programme/Project management (Prince 2, ITIL, CMMI, RUP)
- Business facing (Strategic planning/alignment, Process Modelling, Assurance)

Platforms/Packages/Technologies

Access	Field Force Enablement	Java Web Server (JWS)	SAP
Active Directory (ADS)	GP Vision 3 / 4	JBOSS	SeeBeyond
Advantex	HP Blade Servers	JRUN	Sensage EDW
Afaria	HP Openview	LDAP	Siebel
Apache	HP Superdome	MQ System Integrator (MQSI)	SQL Server
BizTalk	Hummingbird R/KYV	MQ Workflow	Tomcat
Citrix	IIS	Novell eDirectory (LDAP)	UNIX (multiple)
Control-M	internet Application Server	Oracle Application Server	VoIP
Ellipse	internet Files System (IFS)	Oracle RDBMS 8i / 9i / 10g	webMethods
Enterprise Architect	iPlanet	Oracle Transparent Gateway	WebSphere
Field Data Capture System	IVR	(HP) Quality Center	MS Windows