

Curriculum Vitae

John Merrifield

I am currently fulfilling a base site engineering role in London and South East for UK Broadband Ltd. The network was originally built for proprietary TDD-CDMA but in 2009 we transitioned to 802.16e WiMax. I have spent considerable time understanding how to deploy the WiMax technology which differs significantly from typical GSM mobile base site engineering.

My responsibilities have also included Implementation Management and Project Management of the rollout and integration of sites and provision of contingency backhaul utilising microwave technologies.

Prior to this I was heavily involved both in TETRA as Chairman of the TETRA Business Solutions Group (TBSG) and secretary of the TETRA Operators Association. For the TBSG work I was presented with the "Outstanding contribution to TETRA in 2001" award at the TETRA MoU World Congress Gala Dinner.

I have been involved with mobile communications, and software driven products since 1982 and understand its strengths and capabilities. I have very strong commercial understanding of the mobile communications industry drivers and exhibit excellent interpersonal skills.

During my career I have been involved in engineering, project management, operations management, manufacturing, network rollout and management consultancy, sales and marketing.

OVERVIEW

A VERSATILE AND EXPERIENCED TELECOMMUNICATIONS SPECIALIST WITH EXTENSIVE SKILLS GAINED DURING EXPOSURE TO MANY DIFFERENT TECHNOLOGIES. JOHN HAS HELD KEY ROLES IN PROJECT/PROGRAMME MANAGEMENT OF SOFTWARE DEVELOPMENT/NETWORK ROLLOUT, MANAGEMENT CONSULTANCY, OPERATIONS, NETWORK ENGINEERING, MANUFACTURING, BUSINESS DEVELOPMENT AND SALES AND MARKETING.

A HIGHLY MOTIVATED, DEDICATED PROFESSIONAL WHOSE EXCELLENT REPUTATION IS BASED ON DELIVERING DIFFICULT PROJECTS TO TIGHT DEADLINES UNDER OPERATIONAL AND COMMERCIAL PRESSURES.

Note: I have been accredited with the equivalent of a US Electrical Engineering Degree by Josef Silny and

Associates who were employed by my employer, Perot Systems.

Freelance Roles

Emcomm Ltd

FEBRUARY 1998-DECEMBER 2004: FREELANCE CONSULTANT

Client List:

UK Broadband
British Gas
Infocell Telecom Ltd
X-Plor Telecoms
Triage Consulting
Inquam Telecoms
Dolphin Telecommunications Ltd
IIR Ltd
TETRA MOU Ltd
Arthur D Little
Sierra Wireless Inc
Reterm Ltd
MSI

Activities

PROJECT MANAGER SOFT LAUNCH ROLLOUT/BACKHAUL for UKBB

- Managing rollout of 21 PH1 Wireless Broadband radio site sites to aggressive timescales
- Implementing temporary microwave links to cover for core transmission delays
- Arranging RF/Rooftop training for UKBB staff

TECHNICAL CONSULTANT TO INFOCELL TELECOM LTD

- Member of Project Board on RTPI project for 400 buses and 150 bus stops in Manchester
- Member of Project Team on major RTPI project for Reading Borough Council
- Project Managing a joint software/hardware RTPI scheme with Peek Traffic in Holland for a client in Eindhoven
- Project Managing implementation of RTPI system in BAA at Gatwick Airport bus shuttle service
- Project Managing Internet/TETRA/GSM based Journey Planner for Northumberland County Council
- Providing technical radio knowledge base dealing with issues of coverage, installation, understanding of TETRA and the Dolphin network.
- Project Managing the proof of concept phase of a real time passenger information mobile data application.
- Providing expertise relevant to the growth of their business and challenges faced in the mobile communications arena.

BRITISH GAS

- Carrying out a study, delivering a report and presenting the findings of communications methods which could be employed in a new venture.

INQUAM TELECOMS

- Providing business process information to support marketing activities

TRIAGE CONSULTING

- Providing TETRA expertise to Triage Consulting in their bid for future consultancy work

SALES EXECUTIVE X-PLOR TELECOMS AUDIT SERVICES

- Generating sales for X-PLOR's Revenue Assurance service

ASSOCIATE CONSULTANT TO ARTHUR D LITTLE

- Technical red flag analysis project in Vienna

COMMUNICATIONS CONSULTANT FOR DOLPHIN TELECOMMUNICATIONS LTD

- Attending conferences and exhibitions and reporting to Dolphin Board on issues relevant to Dolphin business
- Providing expert knowledge base to Dolphin personnel on TETRA and other radio technologies
- Building an Applications Partner programme to provide a portfolio of solutions for Dolphin's corporate clients at launch
- Commercial Manager of Dolphin European Developer programme
- Project management of web site for Developer Programme
- Content creation for Developer Programme web site
- Leading the derivation of a TETRA Peripheral Interface Specification subset.
- Product Managing the introduction of a third party GPS, AVL product in to NB3 (MPT1327)
- Project Managing the delivery into Dolphin of business critical mobile radio from a well known supplier

WORLD LEADING RADIO CONSULTANCY HOUSE AND RADIO PLANNING TOOLS SUPPLIER

- Technical interviewing of staff for high profile overseas GSM enhancement project

SECRETARY OF TETRA MOU OPERATOR/USER ASSOCIATION AND CHAIRMAN OF TETRA BUSINESS SOLUTIONS GROUP (TBSG). Sponsored by Dolphin Telecommunications Ltd

- Secretariat to the TETRA Operator/User Association, organising bi-monthly meetings and controlling documentation.
- Chairing TETRABSG of the TETRA MoU, initiatives currently organising a number of promotional meetings to involve applications providers in TETRA
- Defining a subset of the TETRA Peripheral Equipment Interface, completed in Dec 1998.
- Speaking at TETRA World Congress 1998-2001 and other TETRA related events
- Organising TBSG workshops and events

OVERSEAS RADIO MODEM SUPPLIER

- Conducting a study of European GSM radio modems and the implementation of GPRS and HSCSD by European GSM operators. Writing a summary report and generating a comparative database of competing products and suppliers.

SWEDISH APPLICATIONS HOUSE

- Assisting mobile data applications developer to set up a UK operation.
- Providing contact base and relationship building expertise in partnering and winning business in the UK

PERMANENT ROLES:

UK BROADBAND LTD (UKB) November 2005 - present

PRINCIPAL RADIO SITE ENGINEER

- Responsible for all aspects of UKBB Radio Site Engineering, specifying rigging and cabinet engineering, liasing with suppliers.
- Implementing software and hardware network enhancements for capacity and technical feature improvements in coordination with other elements of UKBB business.
- Managing the engineering of WiMax base stations

JANUARY 2005 - OCTOBER 2005

PROJECT IMPLEMENTATION MANAGER

- Responsible for all aspects of site implementation during Phase 2 rollout, liaising with suppliers and contractors, coordinating I & C works and remedies prior to handing over to Operations.

CONTACTICA-AXIS LTD

MARCH 1997 - JANUARY 1998: DIRECTOR OF RADIO ENGINEERING

- Head hunted by Contactica Ltd to set up from scratch a new business unit to market sell and support a newly developed radio-planning tool.
- In six months set up and organised new offices, recruited staff and set up technical and sales support channels. Travelling globally, personally organised and carried out global sales and marketing activities, formed business relationships and moved the business forward. Early sales were beginning to appear and lead channel fully in train when operation closed down due to Asian currency crisis.
- Position also involved acting as Product Manager for ensuring the development of the tool met with client and industry requirements.

TETRA MoU

MARCH 1997 - FEB 1998: CHAIRMAN of WP10 TETRA MOU USER SUB GROUP

- Chairman of the TETRA MOU group whose remit is to provide a conduit between users, developers and providers for mutual business advantage utilising TETRA technology.

PEROT SYSTEMS EUROPE

NOVEMBER 1994 - MARCH 1997: PEROT ASSOCIATE: MOBILE COMMS SPECIALIST

- Head hunted by Perot to be a source of expert radio knowledge in an IT focussed company.
- Liaising with RA and DTI to obtain a licence to operate a spread spectrum mobile data technology, developed by Californian operator Metricom Inc., in a joint venture with Perot.
- Lead role in Perot consultancy projects including advising the Los Angeles Department of Water and Power (LADWP) on
- its mobile radio strategy.
- Team of 26 saved LADWP \$155million in first year. JM contribution to this was a saving of \$18million generated by matching new radio infrastructure to requirement, planned \$20million spend was over specified.
- Involvement in Automatic Meter Reading (AMR) projects
- Lead role in mobile data project in LADWP IT Dept this involved analysing business processes and developing a proof of concept mobile data solution utilising RAM bearer.
- Investigating wireless data technologies in the UK, Europe and the USA and recommending strategies for Perot in facilitating business change through technology.
- Developing a dynamic resourcing mobile data software application for use by the Utility industry.

ORANGE COMMUNICATIONS LTD

JULY 1993 - NOV 1994 - REGIONAL SUPPORT AND OPERATIONS MANAGER

HUTCHISON MOBILE DATA LTD

OCTOBER 1990 - JULY 1993 - MANAGER TECHNICAL SERVICES

DATATRAK LTD

APRIL 1988 - OCTOBER 1990 - OPERATIONS AND MONITORING MANAGER

DYFED FIRE BRIGADE

RADIO MOBILISING SYSTEM SUPPORT ENGINEER

MULTITONE LTD

1982-1984 - FIELD SERVICE ENGINEER

JH & C MERRIFIELD (SOLE TRADER)

1980-1982 - DIRECTOR

TEKTRONIX UK LTD

1978-1980 - FIELD SALES ENGINEER

TEKTRONIX GUERNSEY LTD

1974-1978 - PRODUCTION ENGINEER;

1970-1974 - STAFF ENGINEER;

1968-1970 - TEST TECHNICIAN

UKAEA AERE HARWELL

1962-1968 - SCIENTIFIC ASSISTANT

BIOGRAPHICAL

NATIONALITY: British

MARITAL STATUS: Happily Married

CHILDREN: Four, three girls and a boy

EDUCATION: King Henry VIII School, Coventry, Warwicks

QUALIFICATIONS

US Electrical Engineering Degree equivalent-1995

This equivalence was analysed by J Silny and Associates at the instigation of Perot Systems for whom I worked at the time.

I was part of a world class team working in Los Angeles on a two year business improvement project for Los Angeles Department of Water and Power.

GCE 'O' levels: Maths Physics Chemistry Biology English Art

GCE 'A' level: Physics

ONC: S2 Applied Physics

City & Guilds: Reports drawings and processes, Telecommunications Computers (All with distinction)

TRAINING

Various In-house courses attended at most employers covering software use and technical and business issues pertinent to the job function.

INTERESTS:

Weight-training, Fishing, Snowboarding, Motorcycling