

Paul H. Evans
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PROFESSIONAL SUMMARY

Wide knowledge; from computers to materials science, physics and electronics. Main areas of expertise & experience in:

- Design, specification, costing & implementation of business office computer networks
- Project management of all types, including detailed design and construction phases of complex facilities (clean rooms / machine rooms with HVAC systems) and interface with contractors & sub-contractors. Managed budgets of US\$3.5m+ on such programs
- Designed & programmed several embedded microprocessor systems using 6809, V25 and PIC processors, including the first cellular telephone based remote vehicle tracking device using GPS. Holder of two US Patents in the communications and GPS field
- Actively interested in electronics since the age of 14 and have an in-depth knowledge of analog & digital circuits
- Product Design, Production Engineering and testing of assembled product in volume
- Design, specification, costing & installation of high quality marine electrical and electronics installations

EMPLOYMENT HISTORY

May 2003 to Present **Managing Director**

Science Technology Consultants (sciencetechnologyconsultants.com)

October 1996 to Present **Owner**

Dunedin Systems, Dunedin, Florida & Science Technology Consultants, Tampa, Florida
(sciencetechnologyconsultants.com)

- Computer consultancy in Win98/Me/XP, NT, Win2000 & Apple. Network design, installation, wiring and service. Security & virus removal services. Wireless networks.
- Web page designer & Web space reseller on BSDi, FreeBSD & *NIX platforms.
- Marine electronics, electrical, energy systems design, repair & installations. Radar, VHF, HF-SSB, GPS, depth sounders, cabling, etc.
- Software & hardware design for embedded controllers in PC (V25) and PIC families. GPS in-depth knowledge and system design. RF field strength calculation & antenna design.

October 1993 to October 1996 **Technical Sales Manager**

PacComm Packet Radio Systems, Inc., Tampa, Florida, USA

Telephone sales, system specifications, documentation and after-sales support for a wide range of radio modems and radio systems. Market research into emerging cellular systems. New product concepts, including associated PCB manufacturing and assembly techniques.

Achievements: Increased total company sales from \$0.75m (1993) to >\$2m (1996)

September 1990 to September 1993 **Senior Specialist**

GEC-Ferranti Radar Systems Division, Milton Keynes, England

System Administrator and design advisor for HP Microwave Design System & HP High Frequency Structure Simulator on multi-seat HP9000 system / HP-UX. Design on alumina substrates and Teflon soft board for microwave receiver assemblies. System Administrator and design advisor for ADA compilers & FrameMaker Desk Top Publishing on 12 seat Sun Sparc workstation system using SunSolaris (UNIX). Linking PC-NFS to UNIX and Novell.

Achievements: Specified, installed, commissioned & administered distributed (multi-site) design system.

November 1989 to **Senior Microwave Engineer**
August 1990

Marconi Defence Systems, Ltd., Milton Keynes, England

System Administrator and design advisor for HP Microwave Design System on multi-seat HP9000 system / HP-UX. Design on alumina substrates and Teflon soft board for microwave receiver assemblies.

Achievements: Specified, installed, commissioned first design system of type in the World.

January 1980 to **Microwave Device Manager**
November 1989

Plessey Three-Five Group (formerly Plessey Microwave), Towcester, England

Manager for device design and Production Engineering of range of microwave two terminal and three terminal solid state devices.

Responsible for Production Engineering oscillator and amplifier products.

Product range included GaAs Gunn diodes, GaAs tuning varactors, GaAs mixers and detectors, GaAs FETs, Si IMPATT sources, Si TRAPATT modules. Also responsible for phased-array TX / RX module integration and testing & characterization of all device wafers. Supervised design and building of two Class 10 clean room facilities. Member of site safety committee as materials consultant and wrote site safety manual (400 pages) covering all aspects of chemical, gas, solvent handling, standards, etc.

Achievements: Rapid promotions, brought the only production TRAPATT device in the World to marketplace. Learned very wide range of skills. Constructed cleanrooms.

Education:

1976-1979 BSc. (Hons.) in Physical Electronics from University of Warwick, Coventry, England. Class 2-1. Degree Course combining Physics, Solid State Device Physics and Electronics (with course options taken in Computer Science).

1975-1976 Bermuda College, Prospect, Pembroke, Bermuda. "A"-Levels in Physics & Pure Mathematics.

1970-1975 Humphry Davy Grammar School, Penzance, Cornwall, England. "O"-Levels in Physics, Mathematics, Additional Mathematics, English, English Literature, Use of English, History, Geography, Biology, Human Biology & Chemistry.

1968-1970 Whitney Institute, Smith's, Bermuda.

Computers: Operating Systems, Languages, Hardware and Applications

Operating Systems:

MS-DOS, Win95, Win98, WinMe, NT, Win2000, WinXP, Apple OS-X, Win2000 Server, Win2003 Server.
HP-9000/300/400/700 series- HP-UX v9.00, SunSparc10/20 Solaris.
FreeBSD, BSDi, Knoppix, Mandriva, Ubuntu.
"Pseudo": Citrix. VMware.

Languages:

Pascal, Algol-68, PHP, Perl, Shell scripts, JavaScript, various BASICs, MS macros.

Hardware:

TCP/IP and Ethernet installations. LAN and WAN. SAN / NAS. Wireless networking (802.11a/b/g, 802.16), Digipeaters. routers (Linksys/Cisco). D-Link, Siemens, Microsoft, Belkin and other wireless products.
2U rack servers with RAID, Xeon, etc.
APC - Back-UPS 3000VA Uninterruptable power supply installations.
VoIP patching into PBXes. ISDN. PBX configuration and troubleshooting. SIP.

Applications:

MS: OfficeSuite Professional: Access (ODBC and programming), Excel, PowerPoint & Word.
Adobe: FrameMaker, Distiller, PageMaker & Acrobat.
Others: OpenOffice Suite v2.0.3, MySQL, Nvu, GIMP, phpMyAdmin, Analog, SpamAssassin, Apache/Sendmail/Procmail, ACS Technologies DBA, FlipViewer, Palm, Open Workbench Project Management.
Real Time: POS systems. VoIP and QoS systems. Blackberry Server. VNC.

Self-authored Software:

Firefox plug-ins for Conquery. Email scheduling – reminders, billing, etc. written in PHP. Major Access databases. On-line RF power density web page. Point to point RF network simulation software.

Equipment:

General test equipment: Network analyzers, HP / Agilent and Tektronix spectrum analyzers, DSOs, HP/ Agilent, Keithley & Fluke programmable DMMs, etc.
Programming and using Semi-conductor process equipment.

Other Achievements and Qualifications:

Papers:

"UI, the future of Packet Radio?", Digital Communications Conference, August 1995.

"Packet radio, GPS, APRS and the Future", Digital Communications Conference, August 1995.

"Low cost, self forming Automatic Vehicle Location Networks using Packet Radio and TCP/IP", Institute of Navigation National Technical Meeting, Santa Barbara, CA. January, 1996.

Completed intensive two week course in Project Management.

Completed 6 courses in UNIX (HP-UX) and networking given by Hewlett-Packard (equivalent to MCSE).

Holder of US Patents: No. 6,393,346 and No. 6,115,655

Provided TCM3105 (AFSK modem chip) replacement by working with Dan Wrappe of MX-COM to produce the MX614.

Other Interests:

Amateur radio: Licensed operator since the age of 14. Member of First Class CW Operators Club - composed of the top 500 Morse code operators in the world. Founder of Florida Contest Group. Bermuda callsign: VP9KF.

Sailing: Past owner of Catalina 36 sailboat "Spindrift" based in Dunedin, Florida. Past Commodore of Windjammers of Clearwater Sailing Club.

Personal Information:

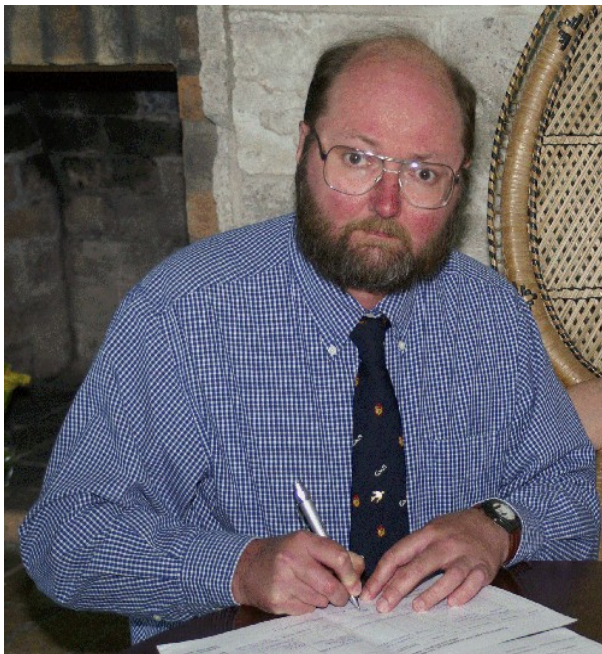
Date of Birth: 29th April, 1958

Marital Status: Married

Nationality: British (10 year ePassport) - USA Green Card – Non-Bermudian.

British Full Driving Licence.

Florida Full Driver's License.



Paul in Bermuda, March 2006.

References:

James Peczkowski

Associate Director, Medical Devices and Latin American Nutritionals
Regulatory Affairs, Abbott Nutrition International

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