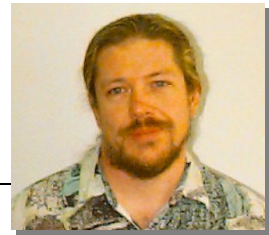


Curriculum Vitae

David Horton

Senior Technical Consultant



Career Highlights

- Telco Network fault and performance reporting systems deployments using HP OpenView Operations(OVO), Network Node Manager (NNM) and IBM Tivoli NetView
- Network performance audits of Telco networks and support systems
- ATM standardization and implementation – AToMMIB, NHRP, LANE, PNNI, MPOA, CES, VTOA, FRF.5/8
- SNMP agents and NMS for ATM networks for new hardware for NEC Japan, Eulix Networks, Carrier Access Corporation
- SNMP CNM M3 Proxy agent for NEC USA
- CMIP manager for Newbridge ATM
- OpenView Network Management deployment and application development experience
- worked with AOTC on development of Fastpac software
- Configuration, fault, billing and performance monitoring systems in the Telco environment
- innovative technology
- CORBA and distributed transactions
- UNIX (> 20years. Solaris, HP-UX, Linux, Ultrix, FreeBSD, SunOS)
- systems integration
- statistical analysis
- real-time systems
- www back-end systems (ASP, PHP, Perl, CGI)

Key Skills

- C, C++
- ATM
- SNMP
- Shell, Perl, PHP, Javascript and other scripting languages
- Java
- Network and Element Management
- OpenView Windows, Network Node Manager, Operations (OVO), Tivoli NetView
- Requirements analysis and design
- Visual Basic, ASP
- Unix application development
- Ada

Curriculum Vitae

Experience*

With Lead Up from 2002, I have mostly worked with telcos in planning and deploying systems supporting fault reporting, performance analysis and billing data collection. HP OpenView Network Node Manager and Operations were used as a platform for some of these systems. Other systems and analysis included use of Perl and other scripting.

Since 2002 I developed IN-network configuration applications for AAPT using Visual Basic, ASP and Access databases.

In 2001, I worked with HP in Colorado as a consultant in designing systems for managing VoIP hardware in conjunction with Cisco, and large scale internet data centers.

From 1993 to 2001, I worked on SNMP agents and NMS systems for the management of ATM networks. Implementations have been based on ATM Forum and IETF derived standards such as RFC 1695/2515 (AToMMIB) and M3 interfaces as well as proprietary interfaces. The NMS systems included advanced prototypes using early releases of MPOA, NHRP and PNNI management in ATM. Some implementations were based on HP's OpenView network management platform with SNMP agent development based the use of CiTR's MIB Master SNMP toolkit. David is active in the IETF, and attended IETF meetings, introducing RFCs jointly developed with NEC Japan. For NEC USA we developed an ATMF M3 interface providing a Customer Network Management view into ATM network service provided by a NEC Model 10 backbone.

In 1999, I was seconded to Astracon to work on IP-VPN network designs and CMIP based ATM switch configuration.

Prior to this I was involved as a project architect for the Australian and Overseas Telecommunications Corporation's Fastpac Network Services implementing a network management system for the AOTC Fastpac 2 Mb/s service. This was developed on the OpenView windows and SNMP-DM APIs.

I was also involved in research into finding applications that would suit a massively-parallel supercomputer (MasPar) in addition to supporting about 80 users throughout Australia. This computer was used for neural network and database research. I run training courses on this technology for the users.

An earlier project was the A-Series SQL*Star product for the Australian Centre for Unisys Software (ACUS). This project involved porting Oracle products to the Unisys A Series platform to enable A Series systems to participate in SQL*Star networks. On this project David worked with a real-time system and large databases, response time performance analysis and developed quality control methods.

Before joining CiTR, I was a software specialist for Digital Equipment Corporation in Brisbane and Melbourne, developing custom technical applications for customers. This involved tuning large databases, creating real-time applications, and generating quality control and test plans. Some particular specialisations were Ada and C languages, CASE tools and telex/communications software.

* A more detailed job history can be found at http://chapelhill.homeip.net/job_history.html and the current version of this CV at <http://chapelhill.homeip.net/CV-HortonD.pdf>

Curriculum Vitae

Personal details

- Name: David Hugh Nicholas Horton
- Marital status: Married (no children)
- Nationality: Australian
- Birth date: 15 October, 1959
- Hobbies: Cycling, Family tree research, Travel

Contact

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- Mobile: 0403 757 119
- Email: dhorton@iprimus.com.au
- Postal: 12 Marney St, Chapel Hill, QLD, 4069
- Web: <http://www.chapelhill.homeip.net>

Education and affiliations

- Graduate Diploma in Computer Science, 1988, Queensland University of Technology.
- BSc (Honours) in Physics, 1980, The University of Queensland.
- Member of the System Administrators Guild of Australia
- Member of the Australian Computer Society.

Employment history

- Lead Up Software (2002-2004)
- CiTR (1990-2002)
- Digital Equipment Corporation (1985-1990)
- La Trobe University (1984-1985)
- Monash University (1984)
- University of Queensland (1980-1983)

Referees

- Scott Mann (Managing Director, Lead Up) 0408 070 073
- Clive Tudge (Marketing Director, Lead Up) 0402 999885 or ctudge@gil.com.au
- Norm Lawler (Senior Program Manager, QLD Health) 0412 361652 or n.lawler@iinet.net.au (Engineering manager CiTR)
- Rob Cook (Chief Technology Officer, DSTC) (07) 3365 4672 or rob.cook@dstc.com (was Managing Director at CiTR, then at Astracon).
- Phil Gunter (Experienced Software Engineer, Boeing) Philip.Gunter@member.sage-au.org.au (colleague at CiTR)