

DAVID H. WHYTE, B.A.Sc., SMIEEE, P. Eng.
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Leadership in Information and Communication Technology

PROFILE

Mr. Whyte is a versatile and proven leader in the fields of information and communication technology. His expertise spans business development, network architecture, detailed design, vendor selection, implementation, operations and audit. Mr. Whyte has over twenty-five years of telecommunications and networking experience in a variety of enterprise and service provider environments.

EXPERIENCE SUMMARY

CTI Datacom Inc. 1999 -
Managing Principal Advanced Network Services

Responsible for scoping client engagements, managing and delivery of vendor-neutral professional services to Canadian and International clients. Key successes included:

- ❑ Client relationship management
- ❑ Prime responsibility for preparation and delivery of client services through managing the Network Development and Convergence team using both personal touch and structure such as MS Project
- ❑ Engagements undertaken in areas of strategic planning, network planning, due diligence, disaster recovery planning, vendor selection, quality assessment, network audit, technical training for a variety of enterprise and service providers involving wired and wireless voice/data/Internet networks and services, e.g.:

Rogers Cable: disaster recovery planning

Cogeco Cable: network management assessment and vendor evaluation

MFP/KPR: high speed school network assessment and fibre/wireless plan

CCC: VSAT vendor evaluation

Cogeco Cable: competitive service quality assessment

Cogeco Cable: OC-48 SONET and DWDM vendor evaluation

Hydro One Telecom: network planning and design

Reuters: data centre assessment and plan

CCC: strategic business plan and road map for telecommunications market entry in Kazakhstan

GBM Property Management: data centre assessment

UBS: due diligence pertaining to investment in Look Communications

Gotevote Colleges: customized training in advanced technology and impacts on e-learning

Group Telecom: national network roll-out planning and plant office standards

Group Telecom: DSL equipment evaluation

Cogeco Cable: ATM equipment evaluation

Fastwire: assessment and representation with telco re DSL and local access arrangements

AT&T CANADA

Senior Manager, Internet Technology & Services

1998-99

Responsible for technology and technical service development for AT&T Canada Internet services. Key success included:

- ❑ Completion of the national rollout to 51 cities
- ❑ Introduction of industry standard V.90
- ❑ Leadership on technical matters resulting from integration with ACC, Netcom, Metronet
- ❑ Design of new services, e.g. IP VPN
- ❑ Process created for top level technical support and vendor interaction.

Senior Manager, Access & Industry Liaison

1996-1998

Responsible for “last-mile” technology planning and cost optimization strategies. Key responsibilities included:

- ❑ Development of long-term access vision and architecture.
- ❑ Access capacity planning, development of access network standards, improvement of access network manageability and cost effectiveness.
- ❑ Defined the specific access routings and managed the internally developed system which automatically provides the customer provisioner with the optimum access.
- ❑ Initiated investigation and planning for deployment of new access methods, e.g. xDSL, Wireless
- ❑ Negotiated voice and data interconnection agreements with ILECs, CLECs, CAPs across Canada.

UNITEL COMMUNICATIONS INC.

Manager Network Design

1991-1996

Responsible for the development of network architecture, standards and services and the introduction of new technology, including technology selection, standardization, enhancements and technical support.

- ❑ Developed and implemented the AT&T Canada methods of negotiating with interconnecting Canadian carriers.
- ❑ Negotiated the voice interconnect Network Planning process; still in use for ILEC-CLEC exchange.
- ❑ Pioneered the creation of Network Guidelines, laying out POP plans, fiber count rules, powering strategies, and circuit optimization techniques.

Director Industry Liaison, Network Services

1990-1991

- ❑ Responsible for the development and presentation of public industry positions on technical matters in the Canadian and international communities in support of AT&T Canada objectives.
- ❑ Analyzed information from technical organizations such as ITU-T, IETF, ANSI T1, and CSA for competitive advantage in terms of technology, efficiency, interoperability, best industry practices.

Manager Systems Design Integration, Network Services

1989-1990

- ❑ Responsible for the creation and application of overall network designs (voice, data, backbone) to meet corporate cost and performance objectives.
- ❑ Coached functional groups in the appropriate practices to meet the overall network designs securing high degrees of technical cohesiveness and operational supportability

Manager Network Systems Standards, Network Services

1988-1989

- ❑ Prescribed overall network performance standards, and their allocation to specific network elements.

CNCP TELECOMMUNICATIONS

1974-1988

Held progressive technical positions in Carrier Telephone, Multiplex Facilities and Systems Design, building skill and responsibility from evaluation of single technologies, RFQ preparation, vendor selection, development of test methods and centralized systems through leading teams for national network expansion and complex trouble resolution advancing to broad multi-technology assessment and integration, and design of major customer and backbone networks.

EDUCATION

B.A.Sc. (electronics & communications) University of Toronto

Canadian Studies in Business Certificate, University of Toronto

Leadership Courses e.g. Strategic Leadership Practices; Presentation Skills, Empowering Change, Effective Management, Time Management, Customer Relations, Financial Management, Coaching & Developing People, Sales/Marketing

Technical Courses: e.g. ATM; AT&T 4E Voice Switch Theory & Ops, ISDN, Network Synchronization; Wireless Broadband, Fibre Optics, Microwave Transmission, Data Networking, SAP

PROFFESIONAL ACTIVITIES

Member Professional Engineers Ontario (PEO)

Senior Member Institute of Electrical and Electronics Engineers (IEEE)

Chair IEEE COMSOC Toronto Chapter

Vice Chair and Chair IEEE Toronto Section

Director and Committee Chair IEEE Canada Foundation

SPEAKING ENGAGEMENTS

Invited speaker to numerous conferences including Telcordia (Bellcore) Numbering Strategies, Insight Canadian Local Competition, Smart City Summit