

## **Thomas A. Bohn**

### Data Networking Engineer/Consultant

Mr. Bohn is a trained TCP/IP data network designer and local and wide area network operations engineer with over ten years of experience in Alaskan IP network operations. He has extensive experience in TCP/IP-based wide area networking within the Alaskan environment and has spent the past several years in WAN engineering and operations management positions. Mr. Bohn has a Bachelor's of Arts degree in Philosophy and was certified by Cisco Systems at the Certified Network Professional (CCNP) level in September of 2000.

### **Core Competencies**

- TCP/IP LAN and WAN management/operations
- IPv4 protocols and procedures
- IPv6 protocols and procedures
- Advanced TCP/IP technology design/development/deployment
- TCP/IP network O&M
- SNMP-based network management systems
- Budget planning and management

### **Education**

- BA -- Philosophy, the University of Detroit, 1992, *summa*

### **Certifications**

- Cisco Certified Network Associate (CCNA) -- 1999
- Cisco Certified Network Professional (CCNP) -- 2000

### **Professional Experience**

#### **B2 Networks L.L.C., Anchorage, AK (founded 2005)**

##### **Principal**

Independent contracting business specializing in TCP/IP technology planning, design, implementation and management services. A successor to Graophium Websystems, B2 provides support to clients throughout the technology lifecycle. B2 also provides technology acquisition/procurement advisement to network professionals planning/deploying LAN-oriented and WAN-oriented TCP/IP networking technologies over a wide range of physical topologies (e.g. wireline copper, terrestrial RF, satellite RF, optical fiber, free space optics, etc.) Network types supported include or have included: telecommunications service provider terrestrial and satellite networks, DVB-integrated datacasting/broadcast networks, IP-based virtual private networks, MPLS-based virtual private networks, ATM and frame-relay-based virtual private networks, enterprise intranets. Clients include, or have included:

- Eastern Aleutian Tribes (EAT)

- Alaska State Hospital and Nursing Home Association (ASHNHA)
- Alaska Native Tribal Health Consortium (ANTHC/AFHCAN)
- Arctic Slope Telephone Association Cooperative (ASTAC)
- Sig Comm
- Cordova Telephone Cooperative (CTC)
- Alaska Public Broadcasting, Incorporated
- City of Akutan
- Kawerak, Inc.

**GRAPHIUM WEBSYSTEMS, Anchorage, AK (founded 1999)**

**Owner/Operator**

Independent contracting business that specialized in TCP/IP technology planning, design, implementation and management services. Provided support to clients in technology design and planning stages, including development of cost models, technology life cycle planning and capital acquisition specifications. Provided ongoing support to clients in implementation and technology management stages, including configuration management, performance management, security management, network technology usage accounting and field operations. Clients included:

- Arctic Slope Telephone Association Cooperative (ASTAC)
- AT&T Alascom
- Alaska Public Broadcasting, Inc.
- University of Alaska statewide system
- Alaska Federal Health Care Access Network (AFHCAN)
- Bristol Bay Area Health Corporation
- Maniilaq Association

**ALASKA FEDERAL HEALTH CARE ACCESS NETWORK, Anchorage, AK  
Wide Area Network Manager**

Responsible for supervision of the wide area network management team, technology planning and design. Oversaw design and development of the AFHCAN wide area healthcare network, including advanced service developments in voice over IP and H.323 video conferencing systems. Chaired the AFHCAN medical informatics committee. WAN incorporated over 260 remote sites. Annual operations budget of \$200,000.

**AT&T ALASCOM, Anchorage, AK  
Data Network Consultant**

Responsible for provision of telecommunications technology support to business account executives. Assisted AT&T clients and customers in technology planning and design efforts incorporating AT&T IP and data transport services.

**KAWERAK, INC., Nome, AK**  
**LAN and WAN Manager**

Responsible for management of Alaska Native non-profit corporation local and wide area data network infrastructures. Developed and deployed switched LAN infrastructure, and frame-relay based wide area network infrastructure linking 14 remote sites to Nome-based administrative offices. Supervised network support staff. Annual operations budget of \$100,000.

**NOME.NET, INC., Nome, AK**  
**Wide Area Network Manager**

Responsible for management of ISP WAN infrastructure and for supervision of ISP technical support staff at Nome, Alaska's first private sector ISP start-up.