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Experience

Private sector

Tom has over 30 years experience in telecommunication network support and design. Tom worked for a major Bell Operating company in many capacities including fiber optic transmission design and support, and multi-state wide area and local area networks so he has the knowledge and background to understand the many values, both technically and economically, of a solid and robust communication infrastructure.

Tom also has 6+ years of business management and marketing experience as a Product Manager and Director of New Business Development for a Dublin, Ohio technology company that supported tier one and tier two communication carrier's network management needs. He was responsible for the design, development and marketing of products used by the carriers to remotely manage their network infrastructure that carried their customer's voice, data and video thereby saving them millions of dollars in support and personnel costs directly affecting bottom line operational costs and gross revenue.

Public sector

In addition to his 36+ years of private business experience Tom also serves as a Council Member for the City of Gahanna, Ohio, a suburb of Columbus with close to 40,000 residents. For over 14 years Tom has successfully led city initiatives in the use of fiber optic and wireless broadband technologies greatly increasing the opportunity to improve employee efficiency, productivity and reduce operational expenses through the use of appropriate technologies and applications.

Some of the projects he helped lead are:

- Developed the fiber optic deployment strategy and policy for the City of Gahanna.
- Fiber optic infrastructure supporting intelligent traffic management systems and next generation optical Ethernet for high speed connectivity to remote city building sites and other locations.
- Partnerships with New Albany, Ohio to build a fiber optic system leveraging the Columbus FiberNet (CFN) and the Ohio Super Computer network (OSCnet).
- Technology incentive programs aligning resources with the Ohio Third Frontier Network (TFN) and the Ohio Super Computer center (OSC) for technology dependent companies as an economic development engine.
- City-wide, border-to-border wireless network (WiFi) that will provide the "last mile connection" for cost saving programs like the centralized meter reading project and other high value, network dependent programs.
- Centralized automatic meter reading (AMR) that will greatly increase employee efficiency and also reduce operational costs and provide an increased level of customer service.

- Fiber optic network sharing with the Gahanna-Jefferson local schools, Mifflin Township Fire and EMS service, and the Metropolitan Emergency Communications Center (MECC) that will help the community by producing better service and allowing for operational cost savings.

Papers and Publications

- Presented the paper at NFOEC 1999 conference and published in NFOEC 1999 proceedings, "Satisfying DCN Deployment Needs Utilizing Embedded Network Fiber Facilities"
- "Performance Management Methods in HDSL and FTTx Networks" - OSP Expo 2005 educational sessions
- "Fiber Deployment Strategy" for the City of Gahanna, Ohio - 1999