

David Le Blanc

Significant Experience

Mr. LeBlanc brings more than 20 years of telecommunications technical experience to the Utility Telecom Team. Joining Utility Telecom in 2002, he has been responsible for the planning and design of major telecommunications systems including mobile radio systems, microwave systems, fiber optic systems, and FCC licensing activities. He works with various utility clients throughout the US, upgrading and resolving coverage issues for their wireless and mobile radio systems.

He is one of the primary engineers working with propagation prediction software for Utility Telecom, successfully completing high resolution prediction maps for systems ranging from single site to multi-site, multi-state networks. Prior to joining Utility Telecom he had propagation prediction experience with Pacific Gas and Electric's wide area radio systems throughout their northern and central California service areas and later on in his role at Nevada Power. He was responsible for the design and installation of Nevada Power Company's 800 MHz trunked mobile radio system and was instrumental in the implementation and design of Nevada's statewide private/public shared 800 MHz trunked radio system.

Experience Prior to Utility Telecom

- **Senior Telecom Engineer** Sacramento Municipal Utility District **2002-2003**
Plan, design, develop, and coordinate expansions, modifications and additions to the District's telecommunications systems. Design, provided technical support, and implement complete communication systems for service centers, power plants, substations, and customer service offices.
- **Team Leader, Telecom Construction/Maintenance** Sierra Pacific Power Company **2001-2002**
Directly supervise communication technicians in the day-to-day operations, construction and maintenance of the company's telecommunications systems. Responsible for both the operation/maintenance and capital telecommunication budgets. Represent the company in all telecommunications matters involving other departments, companies, and government agencies.
- **Team Leader, Telecommunications Engineering** Nevada Power Company **1994-2001**
Directly supervised professional engineers in the design of complete telecommunication systems. Provide both technical and administrative supervision. Manage the company's Federal Communication Commission (FCC) microwave and mobile radio coordination and licensing. Oversee the preparation of, and submit the communication department's yearly budget for upper management approval. Responsible for the design and implementation of the company's trunked mobile radio system. Responsible for the coordination of communication systems with other departments, companies, and government agencies.
- **Telecommunications System Engineer** Ericsson, Inc. **1993-1994**
Conventional and trunked radio system engineering and consulting to sales for gas and electric utility market in eleven western states. Provide system engineering design, frequency re-use plans, RF propagation and interference studies, and traffic loading analyses for wide area voice and data mobile communication systems. Responsible for radio system description, design, and technical compliance with bid specifications related to all new account proposal activity.
- **Senior Telecommunications Engineer** Pacific Gas and Electric Co. **1991-1993**
Directly supervise professional engineers in the design of the company's wireless telecommunication systems. Manage the coordination and licensing of the company's, over 1000, Federal Communication Commission (FCC) microwave and mobile radio licenses. Oversee and work with other personnel in the company to resolve any licensing issues involving the FCC, other governmental agencies, or corporations. Provide both technical and administrative supervision. Interface with other personnel and subordinates to resolve client issues. Prepare and submit the telecommunication department's yearly

mobile radio and SCADA budget requirements.

- **Telecommunications Engineer** **Pacific Gas and Electric Co.** **1977-1991**
Plan and design microwave, fiber optic, telephone, supervisory control, data acquisition, mobile radio, powerline carrier, and teleprocessing systems. Design, provide technical support, and implement complete communication systems for service centers, power plants, substations, and customer service offices. Investigate projects, estimate costs, and make financial evaluations of alternatives. Coordinate communication with other departments, companies, and government agencies. Prepare detailed material requirements, write specifications, review bids, and provide recommendations. Establish acceptance test procedures, review results, and approve of release projects for operations.

Current Position Senior Consultant

Education

- B.S. Degree, Electronic Engineering, California State Polytechnic University
- Various technical training programs with Ma-Com, Motorola, and other vendors

Other

- License
General Class Radio Telephone License (F.C.C.)
- Military Service
U.S. Navy, Electric Technician - Communications
- Security Clearance
Top Secret (U.S Navy)
- Special Assignments
Member of State of Nevada Mobile Communications and Microwave Study Steering Committee