



BACKGROUND INFORMATION

Dennis D. Brunnenmeyer
President & Director of Engineering

University Education

8/63 - 1/82 CALIFORNIA STATE UNIVERSITY, SACRAMENTO
Degree: Master of Science in Electrical and Electronics Engineering
8/58 - 6/63 UNIVERSITY OF ILLINOIS
Degree: Bachelor of Science in Engineering Physics

Recent Employment Background

4/91 - Present CEDAR RIDGE SYSTEMS
Owner & Director of Engineering
2/92 - 4/95 SIERRA VIDEO SYSTEMS, INC.
Director of Marketing
8/81 - 3/91 GRASS VALLEY GROUP, INC.
Division General Manager (Professional Video Division)
Division Engineering Manager
Senior Engineer

Professional Associations and Certificates

Affiliations: IEEE - The Institute of Electrical and Electronic Engineers (Member)
SMPTE - Society of Motion Picture and Television Engineers (Member and former chairman of the Sacramento Section)
SBE - Society of Broadcast Engineers (Member).
Certification: Instructor in Engineering, California Community College System.

Special Interests in Engineering & Science

- Audio, video and scientific instrumentation product development
- Microprocessor-based instruments and controllers
- Time & frequency metrology
- Theoretical analyses, proofs and derivations
- Technical documentation and instruction manual development

Cedar Ridge Systems – Partial Client List

- Advanced Photometrics, Inc.
- Comlinear Corporation - Colorado (now part of National Semiconductor)
- Cumulous Communications Corporation
- General Video Systems, Inc.
- Grass Valley Group
- MMC (Microelectronic Modules Corporation – Wisconsin)
- NVISION, Inc.
- WeatherPort (now Novalynx)

Overview of Personal Skills and Capabilities

- Analog circuit design
- 8-bit microprocessor-based product development
- Digital logic development
- Electromechanical device development, including custom control panels
- Mechanical design (rack mount enclosures, cabinets, brackets, graphic overlays, etc.)
- Video, audio and instrumentation facilities and systems design
- Extensive product design and system development background
- Broad background in project leadership, engineering management and product development, with a focus on manufacturability.
- Broad technical and management background with considerable international travel and marketing experience
- Team-oriented, quality-focused and principle-based leadership skills with an extraordinary focus on customer satisfaction
- Excellent writing, verbal and graphic design skills, with a high level of proficiency with Macintosh and Windows-based personal computer systems and applications

Product Design and Development Background

- Gap-scatter analyzer for digital data tape drives (Sangamo Electric Company)
- Precision calibrator for frequency-to-voltage data acquisition system (Aerojet-General)
- Millivolt calibration system for high-speed data logger (Aerojet-General)
- Head-to-tape dropout analyzer for videotape quality monitoring (UC Davis)
- Video equalizing amplifier for long-distance runs of 124 ohm balanced cable (UC Davis)
- Video processing matrix redesign - Model 300 video production switcher (Grass Valley Group)
- Project leader - Model 100 video production switcher development team (Grass Valley Group)
- RF interference emission analysis (Weatherport)
- SMS-SDP remote control panel for SMS-7000 signal management systems (General Video Systems, for a Grass Valley Group customer)
- Alphanumeric dot-matrix LED under-monitor displays (UMDs) for system status signaling (General Video Systems, for a Grass Valley Group customer)
- Four routing switcher control panels for the SMS-7000/Encore signal management system (Grass Valley Group)
- Auxiliary bus control panels for the Kaleidoscope video production system (Grass Valley Group)
- Mini Master Control operator control panel for the M2100 master control switcher (Grass Valley Group)
- General Purpose Interface (GPI) panel for the Encore family of panels for the SMS-7000 signal management system (Grass Valley Group)
- Instrumentation and control electronics for new proprietary products currently under development (Advanced Photometrics, Inc.)
- Instrument and CPU enclosure design (Advanced Photometrics, Inc.)
- Remote data acquisition and transmission system for agricultural applications (Cumulous Communications Corporation)

Cedar Ridge Systems

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