

Broadband Technology Opportunities Program,
Comprehensive Community Infrastructure
Application

The San Francisco Bay Area
Wireless Enhanced
Broadband Project
(BayWEB)

ATTACHMENT:
Management Team Resumes and
Organization Chart

MANAGEMENT TEAM RESUMES AND ORGANIZATION CHART

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Howard G. Chercoe, P. Eng.

Director of Operations Motorola, Inc.
6450 Sequence Drive
San Diego, CA 92121

Year of Hire: 1989

Motorola Professional Experience:

2009-Present: Director of Operations. Lead team responsible for both delivery and service aspects of all project deployments to public safety and enterprise customers in Western U.S. **2004-2009:** Regional Program Mgmt Director. Led team responsible for contract delivery and network commissioning efforts related to the public safety core radio portfolio. **2001-2004:** Integrated Solutions Division – Delivery Manager. Led team responsible for contract delivery and commissioning of back office public safety systems like CAD, RMS, Jail Mgmt, and Mobile Applications portfolio. **1999-2001:** Program Mgmt Resource Mgr - SoCal. Led team responsible for deployment of public safety radio solutions in Southern California **1996-1999:** System Eng Mgr – SoCal. Led team of systems engineers responsible for end to end design integrity of all proposed and contracted public safety radio networks. **1994-1996:** System Eng/Network Architecture Mgr – Led team to design and deploy large scale wireless packet data networks for international Telco's such as Telecom Australia, Singapore Telecom, Hutchison Mobile Data Ltd. **1989-1994:** Systems Eng & Design/Test Eng – engineered products and systems for public safety and large telecom wireless entities. Held various engineering positions on multiple product lines.

Other Professional Experience:

1984-1989 Sperry/Unisys – Design & Test Engineer – held various engineering positions relating to the design and test of electronic avionics systems for the defense space – both Navy and Air Force applications.

Education

BSEE, University of Manitoba, Winnipeg, Manitoba Canada
Diploma Mgmt Skills in Advanced Technologies, Simon Fraser University, Burnaby, British Columbia Canada

Training, Certifications, and Memberships

Professional Engineer, Association of Professional Engineers and Geoscientists of the Province of British Columbia

Philip W. Raymond

Engineering Manager

Motorola Inc
6450 Sequence Drive,
San Diego, CA 92121 U.S.A.
(858) 404-4332

Date of Hire:

August 1989

Motorola Professional Experience:

My Motorola experience includes the full spectrum of communication system design from needs and requirements through, system design alternatives, system proposal, detail design, staging and implementation. My expertise is in the design, implementation and engineering management of voice and data radio networks particularly simulcast, Project 25 and transit.

12/04 - Present

Engineering Manager, West Coast

Responsible for forty engineers and the design and implementation of voice and data networks, in seven states. Systems include conventional radio systems, dispatch consoles, data systems, transit management systems, video systems, backhaul networks and statewide trunked radio networks.

12/01 to 12/04

Program Engineering Manager, Los Angeles

Led engineering team for the implementation and software development, of a 2400 bus transit system for Los Angeles County Metropolitan Transit with value of \$98M. This system design met and passed all system requirements in 2004. The system is operational and includes CAD, AVL, RSA, Video, WLAN, simulcast voice and data systems and bus vehicles.

12/98 to 12/01

Engineering Manager, Midwest

Responsible for eleven engineers and the design and implementation of two-way radio systems, in WI, MN, IA, MO, KS, NE, ND and SD. Led engineering team for the 39-site MN Metro system. System operational 11/2001 with contract value of \$65M.

9/96 to 12/98

Engineering Group Leader, Minneapolis, MN

Led four engineers in the engineering design and writing of a competitive technical proposal for the MN Metro 9-county radio system. This system used new technology and software for almost all equipment in this \$65 Million system. Also led successful technical negotiations with customer.

8/89 to 8/96

System Architect/Staff Engineer/Group Leader, Schaumburg, IL

Provided engineering direction for multi-site 2-way radio projects:

Minnesota Metro Project, MN – 39 site simulcast

London Metropolitan Police, UK - 80-site simulcast

Michigan State Police, MI - 160-site ASTRO 25

Northern States Power, MN - Six-site simulcast

Other Professional Experience:

Proposed and implemented consulting projects for public safety agencies across the United States. Major projects included studies for the State of Michigan and procurement for the City of Houston.

SFA Public Safety Consultants, Lake Bluff, IL 1987 - 1989

Senior Engineer

Proposed and implemented consulting projects for public safety agencies. Major projects included design studies for the State of Michigan, system procurement for the City of Houston. Other projects included dispatch, microwave, RF and coverage design and testing for various agencies in Illinois, Ohio, MI and NJ.

Education

BACHELOR OF ELECTRONIC ENGINEERING

Brighton Polytechnic, United Kingdom

Training, Certifications, and Memberships

Wrote White Papers on Traceability Process (2003) and High Capacity Transit Data System (2006).

Randall L. Rosetta


randy.rosetta@motorola.com

EMPLOYMENT

May 2009 to Present: **Director of SI, Western Division, Complex Projects Team-Motorola Inc. San Diego, CA**

Responsible for managing program management, engineering and deployment teams supporting the deployment of complex projects and new technologies in the Western Division territory.

Oct 2006 to May 2009: **NA Director of Central Deployment-Sprint-Nextel & Clearwire-Motorola Inc. Arlington Heights, IL**

Responsible for managing program management, engineering and deployment teams supporting the deployment of iDEN, CDMA and WiMAX technologies for Sprint-Nextel and Clearwire.

Dec 2004 to Oct 2006: **Core Networks Director of NPI and Product Support-Motorola Inc. Tewksbury, MA**

Responsible for managing program managers, engineers, and deployment teams supporting the introduction and testing of all new CND technologies/products globally. Also managing global Product Support organization for all CND products.

May 2004 to Dec 2004: **GTSS EMEA Director of Infrastructure and Support-Motorola Inc. Johannesburg, South Africa**

Responsible for managing program management, support engineering, training and implementation teams supporting the deployment of all GTSS technologies, in Europe, Middle East and Africa.

- July 2003 to May 2004: **GTSS Regional Operations Director-Motorola Inc.**
Johannesburg, South Africa
- Responsible for managing program management, engineering, operations, commercial, training and implementation focused teams supporting the deployment of all GTSS technologies, including GSM & CDMA systems, in Central and Southern Africa. Territory encompasses all African countries below Sub-Saharan Africa.
- Jan 2002 to July 2003: **GTSS Regional Operations Director-Motorola Inc.**
Taunusstein, Germany
- Responsible for managing program management, engineering, operations, commercial, training and implementation focused teams supporting the deployment of all GTSS technologies, including GSM & CDMA systems, in Central and Eastern Europe. Territory encompasses Germany, Austria, Hungary, Czech Republic, Poland, and Russia
- Oct 1999 to Jan 2002: **Operations Director-Motorola Inc.-Istanbul, Turkey**
- Responsible for managing engineering, operations, commercial, training and implementation focused program management teams supporting the nationwide deployment of a GSM system for Telsim. Teams were responsible for all aspects of implementing 250+ sites per month. System size was 4,000 sites and 5 million subscribers. Included managing customer satisfaction, quality and system performance, FNE and ancillary equipment sales/purchase, logistics and import process, and contract compliance.
- May 1997 to Oct 1999 **Area Operations Manager-Motorola Inc.-Denver, CO**
- Responsible for managing engineering, operations and implementation focused program management teams supporting Nextel markets in: Denver, CO; Salt Lake City, UT; Oakland, CA; Santa Clara, CA; Sacramento, CA. Teams are responsible for all aspects of implementing 650+ site, 5 switch IDEN ESMR systems currently supporting in excess of 450,000 subscribers.

April 1995 to May 1997: **Operations Manager-Motorola Inc.-Birmingham, AL**

Responsible for managing all aspects of implementing a \$150M, 300+ site, iDEN ESMR system. Includes managing customer Satisfaction, FNE sales, contract compliance, project budget, subcontracts, implementation schedules, post acceptance system warranty/maintenance, and overall project profitability. Project completed on schedule and under budget.

Jan 1994 to April 1995 **Sr. PM/Asst. System Mgr.-Motorola Inc.-Denver, CO**

Responsible for managing the overall business of implementing a 50+ site iDEN ESMR system, and post acceptance warranty and maintenance. Includes managing SI revenue, costs, subcontracts, project profitability, and implementation schedules. Includes interviewing and hiring project team personnel. 10 direct report team members consisting of engineers, PM Field supervisors, service team, technicians, and administrative personnel. Project completed on schedule and under budget.

Oct. 1990 to Jan 1994 **Sr. PM/SI Team Leader-Motorola Inc.-Denver, CO**

Responsible for managing overall business of assigned projects as well as post acceptance warranty and maintenance. Responsible for supervision and training of Denver SI team personnel.

Jan 1987 to Oct. 1990 **Sr. Program Manager-Motorola Inc.-Denver, CO**

Responsible for managing overall business of assigned large projects (>3M) as well as post acceptance warranty and maintenance.

Nov. 1985 to Jan 1987 **Program Manager-Motorola Inc.-Denver, CO**

Responsible for managing overall business of assigned projects (<3M) as well as post acceptance warranty and maintenance.

- Mar 1983 to Nov. 1985 **Project Supervisor**-Motorola Inc.-Grand Jct., CO
- Report to PM and assist with managing overall business of assigned projects as well as post acceptance warranty and maintenance.
- Sept. 1977 to Mar 1983 **Customer Service Manager**-Motorola Inc.-Denver, CO
- Responsible for supervising assigned service shops within a four-state territory. Including financial management, receivable collections, maintenance contract sales, and resolving customer complaints.
- Aug. 1976 to Sept. 1977 **Supervisor**-LEC Construction-Denver, CO
- Responsible for project planning, scheduling, and material control on large commercial construction projects.
- Feb. 1974 to Aug. 1976 **Foreman**-Mead Mount Construction-Denver, CO
- Responsible for planning, coordinating, and supervising the activity of 300-man heavy construction crew.
- Nov. 1972 to Feb. 1974 **Technical Representative**-Ford Motor CO-Denver, CO
- Responsible for providing technical supervision, training, and specific trouble shooting skills for dealership service departments within assigned territory.
- Jan 1972 to Nov. 1972 **Quality Control Technician**-CSR Company-Palatine, IL
- Responsible for quality control and defect tracking/resolution for commercial manufacturer of automotive electronics components.

EXPERIENCE

Projects completed

May 1997 to Oct 1999

Nextel Project-Western US

Denver, CO. 650+ site iDEN ESMR systems in Denver, Salt Lake City, Oakland, Santa Clara, and Sacramento including NTI DMS switches, EBTS cell sites, and tower/building/generator site development. This included providing pre-planning support to U.S. Olympic Committee for 2002 games in Salt Lake City.

Jan 1992 to May 1997

R56 National Installation Standards Committee

Appointed to committee to assist with development and refinement of the corporate nationwide FNE installation standards manual. Contributing editor.

April 1995 to May 1997

Southern Company Project

Birmingham, AL. 300+ site iDEN ESMR system including NTI DMS switch, EBTS cell sites, and tower/building/generator site development. *This included providing communications support for ACOG at the 1996 Olympic Games in Atlanta.*

Jan 1994 to April 1995

OneComm Project

Denver, CO. 75 site iDEN ESMR system including NTI DMS switch, EBTS cell sites, and ongoing system maintenance.

Dec. 1993 to May 1994

United Airlines-Denver International Airport

Denver, CO. Multi site SMR with fiber optic interface, 80 position CC2+ console and Embassy switch. Spectra, MaxTrac, MTS2000 subscriber units.

Oct. 1993 to Dec. 1993

San Juan County Wide Area Simulcast Project

Aztec, NM. County wide Police/Fire/EMS repeater system and E911 center. Installation of RF FNE, 6ghz MW, towers, buildings, generators.

Dec. 1992 to Dec. 1993

City of El Paso Simulcast SMARTNET System

El Paso, TX. County wide Police/Fire/EMS simulcast trunked system and E911 center. MSF, SIMS, MTS, Saber, Mobile Data, CentraComm II, SRX E911, towers, buildings, generators.

March 1992 to Dec. 1992

Ellis County SMARTNET System

Hays, KS. County wide Police/Fire/EMS trunked system and E911 center. MSF, SIMS, MTS, Saber, CentraComm II, towers, buildings.

- Feb. 1991 to March 1992 **Motorola CoveragePLUS Project**
Team leader for 10 state areas, Denver based. Nationwide Voice/AVL/SMR system.
- Sept. 1990 to Feb. 1991 **U.S. Air Force Space Technology H.Q. Project**
Kirtland Air Force Base, Albuquerque, NM. Underground nuclear weapons storage facility Secure Voice system. MSF, Digitac, DVP, Saber, Radiax.
- March 1990 to Sept. 1990 **U.S. Department of Defense**
Seattle, WA. 1990 Goodwill Games multi site secure voice system. FNE, CentraComm, Saber.
- Sept. 1989 to March 1990 **Motorola Network Services**
8 state area, Denver based. SMR service coordination and site construction implementation.
- May 1989 to Sept. 1989 **Boeing Aircraft Company**
Seattle, WA. Wide area AMSS system. Secure voice, multi site, FNE and portables.
- Feb. 1989 to May 1989 **IBM Corporation**
3 state area, Denver based. Rocky Mtn region of the nationwide Digital Communications system. FNE and data portables.
- Nov. 1988 to Feb. 1989 **City of Las Cruces**
Las Cruces, NM. Police mobile data system and MW interconnect. KDT480 FNE and portables.
- March 1987 to Nov. 1988 **Federal Bureau of Investigation-Keppner Project**
COLO-WYO, Denver based. 50 site wide area secure voice system. Consoles, MW, RF links, towers, buildings, generators, MSF, and Saber.
- Jan 1987 to March 1987 **Hill Air Force Base-Commanders NET**
Ogden, UT. Secure voice system. FNE, consoles, portables.
- Sept. 1986 to Jan 1987 **Northwest Pipeline Corporation**
WY to WA, Rock Springs, WY based. 70 site MW system. FNE, site development.
- Oct. 1985 to Sept. 1986 **City of Santa Fe Police Department**
Santa Fe, NM. Trunked SMARTNET system, CAD, FNE, mobiles, portables.

- Jan 1985 to Oct. 1985 **City of Albuquerque Water Department**
Albuquerque, NM. 72 site Multi address control system,
900 MHz SCADA, FNE, and RTU's.
- June 1984 to Jan 1985 **CENTEL Cellular Company**
Omaha, NE and Las Vegas, NV. Multi site AMPS cellular
system. EMX250, 500 MSC's, cell site FNE, site
development.
- March 1983 to June 1984 **Deseret Generation and Transmission**
WY, UT, & CO. Vernal, UT based. 34 site MW/UHF wide
area system. Site development, tower construction,
buildings, generators, civil work.

List does not include numerous smaller projects of 4 months duration or less.

EDUCATION

- October 2001 PMI Certified PMP (Project Management Professional)
- August 2001 George Washington University-Masters-Program Mgmt.
- June 1996 Motorola-Leading Edge Institute
- September 1995 Motorola-Manager of Managers Institute
- May 1994 Motorola iDEN System School
- December 1993 Motorola Systems Integration Institute
- May 1988 Motorola-Federal Gov't Procurement and Ethics practices
- September 1981 Motorola-Manager of Managers Development Course
- December 1979 Motorola-Executive Development Course
- June 1976 Red Rocks College-Business Administration
- January 1974 Denver Tech College-Automotive Technology
- January 1972 Palatine High School

REFERENCES

Motorola-Eugene Delaney, Ed Hughes, George Selby, Bob Patton, Dan Aderhold, Fred Wright, Michael Krutz, Eileen Wells

OTHER

1993 to 2000

Chairman, Board of Directors-Larkspur Fire District

Responsible for developing policy and managing all business/legal issues for the Larkspur Fire Protection District. Providing interface to County Commissioners, Colorado State Patrol, Colorado Dept. of Health, and State of Colorado. 12 full time employees and 44 part time and volunteer employees. 3 stations and 16 major apparatus. District has an annual operating budget of 850K. Part time.

1987 to 2000

Patrol Deputy-Douglas County Sheriff's Department

State of Colorado Certified Level 1 Police Officer. Certifications for Patrol, Traffic Enforcement, DUI Interdiction. Certified Instructor for FBI Defensive Tactics and Laser/Radar speed detection devices. Part time.

1990 to 2000

EMT-B (AED)-Larkspur Fire District

State of Colorado Certified BLS/Firefighter/Rescue Technician. Squad commander for Heavy Rescue 4, extrication and special rescue IC. Volunteer.

HOBBIES

Boating, Scuba diving and motorcycling

Phil Schuhler

Engineering Manager

Motorola Inc.
6450 Sequence Drv.
San Diego, CA, 92126
858-404-4431

Year of Hire:

1994

Motorola Professional Experience:

Qualification Highlights

- Over 20 years experience in system engineering of complex wireless solutions
- BSEE/MSEE in Communication Systems/Sciences
- Demonstrated initiative, creativity, and professional advancement
- Proactive hands-on manager focused on team collaboration
- Experience managing geographically distributed teams
- Work in rapidly changing business environment applying latest technologies
- Goal oriented leader with special attention to detail
- Excellent verbal and written communication skills

2000 - Present

Engineering Manager, National Data Solutions Engineering

Manage highly skilled team of system engineers responsible for presale requirements gathering, conceptual design, functional/detailed design, system implementation, testing, and final system acceptance. Team chartered to learn, master, and teach emerging wireless technologies to others.

- *Long Term Evolution (LTE)* – 3GPP standards based private LTE solution for Public Safety, 700 MHz BC14 spectrum utilization.
- *Wireless Broadband Solutions* - Wireless meshing technology, 802.11a/b/g standards based, 2.4 GHz and 4.9 GHz spectrum utilization, efficient high-speed mobility, dynamic network configuration, megabit data rates.
- *Mobile Data Application Integration* – Computer Aided Dispatch, Messaging, Status, Database Query, AVL using GPS.
- *Mobile Data Communication Systems* – Proprietary narrowband air interface protocol, signal acquisition, data interleaving, forward error correction, kilobit data rates.

1994 - 2000

Lead System Engineer, Emerging Technology Department

Responsible for system architecture, system conceptual design, RF coverage modeling, frequency channel planning, throughput and capacity analysis, and deployment for narrowband wireless data systems. Project phases included: requirements gathering, requirements analysis, proposal generation, customer technical presentation, contract negotiations, system deployment, and achieving final system acceptance.

- *Los Angeles Police Department* – Team leader for \$20M extremely high capacity, highly available (5 Nines) wireless data system serving over 1200 public safety officers. Included custom software application development for officer dispatching.
- *San Diego County Sheriff* – Lead engineer for \$6M countywide high capacity wireless data system serving multiple city/county agencies.
- *San Diego Gas & Electric* – Lead engineer for \$1.5M countywide wireless data system providing automated dispatching and vehicle location.

Other Professional Experience:

1991 - 1994

Senior Member Technical Staff

TRW Avionics and Surveillance Group

Responsible for the design and development of various software algorithms and models for digital data/voice communication systems.

- *Signal Processing Implementation* - Designed processing software for a spread spectrum digital data/voice communication system. The TMS320 C40 transmit and receive system employed convolutional encoding/decoding, data encryption/decryption, block interleaving/de-interleaving, and FSK modulation/demodulation.
- *Data Stream Synchronization* - Developed software phase-lock loop bit synchronization algorithm for digital data/voice systems. Evaluated BER and acquisition performance via simulation using custom input signal generation and noisy channel modeling.
- *Spectral Containment* - Developed model to determine optimal filtering required for specified co-channel interference of frequency modulated data and digital voice transmission. Verified simulation results with laboratory experiment.
- *Multi-Stage Correlation* - Simulated hardware implementation of four-stage correlator for digital data/voice communication processing. Determined characteristics of architecture and identified decision algorithm required for peak detection.

1989 - 1991

**Member Technical Staff II
TRW Avionics and Surveillance Group**

Provided system engineering support in the areas of testing and system integration for multi-receiver/multi-processor systems.

- *Integrated Avionics Systems* - Conducted acceptance testing and integration of receiver subsystem, phase interferometry processing and pulse parameterization. Supported RF built-in-test demonstration using TMS370 processor, spur and phase noise analysis, and automated SNR algorithm.

1987 - 1989

**Member Technical Staff I
TRW Electronic Systems Group**

Provided system engineering support in the areas of software testing, tool development, and hardware design evaluation.

- *Payload Processor Subsystem (MILSTAR)* - Verified performance of payload management software prior to integration and test. Developed software tool for automated comparison of initial payload connectivity to known database. Evaluated digital hardware design and documentation for a TI9000 processor unit and recommended problem solutions to Design Review Board.

1983 - 1987

**Co-op Engineer, Passive Electronic Warfare Department
Magnavox Government and Industrial Electronics**

Provided engineering support in the areas of test environment development, testing, and equipment calibration.

- *Test Systems* - Designed, constructed, and tested custom test fixtures for digital receiver control and statistical measurement of fiber optic driver/detector connections.
- *Unit Calibration* - Designed and implemented automated calibration procedure for voltage controlled oscillator using an HP9836 computer/HPIB controlled equipment.

Education

MSEE

Emphasis: Communication Theory and Digital Signal Processing
University of Southern California (USC) - Los Angeles, CA

BSEE

Purdue University - W. Lafayette, IN

**Training, Certifications,
and Memberships**

- *Currently hold CompTIA Network+ Certification*
- *Previously held Top Secret (TS) and Extended Background Investigation (EBI) Security Clearances*

Zia Siddiqui

Solutions Architect

Motorola Inc.
6450 Sequence Drv.
San Diego, CA, 92126
858-404-4368

Year of Hire:

1998

Motorola Professional Experience:

1998 to Present.

Solutions Architect – Motorola Data Solutions

- ◆ Lead engineer on mobile broadband and wireless video surveillance technology trial for the LAPD's anti gang initiative.
- ◆ Deployment team leader for wireless video go-to-market strategy group.
- ◆ Subject matter expert in North America on broadband network coverage modeling.
- ◆ Lead engineer for City of Oakland, CA enterprise application integration project.
- ◆ Responsible for design of City of Long Beach ECOC LAN.
- ◆ Lead engineer for City of Tulsa mobile data and software integration project.
- ◆ Responsible for design and implementation of Motorola mobile data networks across the U.S.
- ◆ Responsible for software integration projects across the U.S.
- ◆ Assisted with roadmap development for various, networks and applications at Motorola.

Education

M.B.A. Business Administration

University of Phoenix, August 2007.

M.S. Computer Networks

Univ. of Southern California (USC), Los Angeles, CA, May 2000.

B.S. Electrical Engineering

N.E.D University, Karachi, Pakistan, January 1997.

Jeff Van Dell

**Systems Engineering
Group Leader**



Year of Hire: 1991

**Motorola Professional
Experience:**

7/02 – Present

Systems Engineering Manager

Manage a group of engineers who develop mission critical designs for Northern California and Hawaii customers. Provide mentoring and guidance to the engineering team. Review system designs and proposals for technical accuracy. Perform performance evaluations and other Human Resource functions.

Responsible for large mission critical system designs and customer interface on both presale and postsale projects. Major projects: Placer County P25, Monterey County P25, San Mateo County P25, MERA, East Bay Regional Communications System P25, San Francisco High Performance Data, Kauai County NPSPAC rebanding.

9/00 – 7/02

Product Development Manager

Develop a wireless product portfolio consisting of integration services for Invisix, a Motorola/Cisco joint venture providing wireless IP professional services. Develop integration products consisting of software applications to integrate into wireless carriers networks. Additional responsibilities include:

- Evaluating potential business partners from a technical and business perspective.
- Developing profitable partnerships with third party application developers.
- Creating product documentation to bring wireless application integration solutions to commercialization.
- Deliver professional live demonstrations of wireless applications available through the San Jose demonstration center.
- Implementing new wireless demonstrations for presentation to customers.

2/98 – 9/00

Senior Account Manager

Sold wireless data systems to public safety customers in a \$5M+ territory, including the Northern California, Nevada, and Hawaii regions

- Major projects over \$1M include:
 - City and County of San Francisco
 - City of San Jose

- City of Redwood City

Primary responsibilities:

- Liaison between the customer and Motorola Systems Integration team.
- Exceeded yearly quotas – 103% in 1999; 235% in 1998.
- Created effective and successful customer proposals.
- Developed teaming relationships with third party vendors.
- Trained direct sales force on mobile data products.

4/91 – 2/98

Field Engineer – Senior Systems Engineer

Held various positions from Systems Engineer through Lead Engineer. Responsibilities included designing and implementing RF systems including state-of-the-art voice, data and dispatch systems. Major projects: Alameda County SmartNet Trunking, City of Redwood City, Placer County Data, Northern California University of California campuses SmartNet Trunking.

Education

B.S., Electrical Engineering
University of Illinois – Champaign, IL

**Training, Certifications,
and Memberships**

Certificate with Distinction
Telecommunications and Network Engineering
University of California Berkeley

Blair Vincent

**Senior Program
Manager**

Motorola Inc.
6450 Sequence Drive
San Diego, CA, 92121
714-595-1296

Date of Hire:

October 2001

**Motorola Professional
Experience:**

Experienced in leading the development, testing and implementation of large system integration projects. Certified Project Management Professional (PMP).

3/09 to Present

**Project Manager, County of San Mateo Office of the Sheriff
Project 25 Radio Communications System Upgrade**

As Project Manager, managing design, testing and installation of ASTRO 25 Platform System upgrade with Central controller and voice/data switching equipment. Includes SmartX integration of T-band SmartZone 4.1 system, and upgrading gold elite consoles. Managing (4) technical staff.

6/09 to Present

**Project Manager, City and County of San Francisco Enhanced
Wireless Data Network Phases 6 & 7**

As Project Manager, managing migration of the existing SmartZone system to Project 25, proving SmartX integration, and upgrading 47 consoles. Installing an IP ASTRO 25 Voice 700 MHz system. Managing (4) technical staff and (2) subcontract companies.

4/08 to 10/09

**Project Manager, City and County of San Francisco Enhanced
Wireless Data Network Phases 1-5**

As Project Manager, managed design, testing and installation of a standards-based high speed mobile data system to support data and Project 25 voice capabilities for multiple agencies and jurisdictions. Managing (5) technical staff and (2) subcontract companies.

7/07 to 1/08

**Project Manager, City and County of San Francisco 800 MHz
band Reconfiguration Proposal**

As Project Manager, led the project team for completing the detailed design, schedule, deployment and cut-over plan to reconfigure the infrastructure and subscribers of City and Count of San Francisco radio communications system.

1/06 to 7/07

**Project Manager, Los Angeles Police Department (LAPD)
Jordan Downs Wireless Video Solution**

As Project Manager, managed video surveillance and video archival project with MESH network. The project provides (10) cameras and a wireless broadband network (MESH), Canopy, and mobile client applications. Equipping 20 vehicles with video surveillance software and Mobile Video Enforcer (in-car video). Managing (4) technical staff and (2) subcontract companies.

1/06 to Present

**Project Manager, Los Angeles Police Department (LAPD)
SMART Car Project**

As Project Manager, managed SMART Car design, testing, installation and integration of ALPR (license plate recognition), Mobile Video Enforcer (in-car video), Mobile Automatic Fingerprint Information System (AFIS), and wireless broadband network (MESH). The SMART Car has been demonstrated by LAPD at several national conferences including IACP in Boston, MA.

8/06 to Present

**Project Manager, Orange County Fire Authority (OCFA)
Regional Data System Upgrade**

As Project Manager, managed design, testing, and installation of the Data System Upgrade. The upgrade includes combining two independent DataTAC networks; OCFA and Metro NET so the channels can be shared by both Agencies. The project also includes two new sites and Radio-IP middleware solution.

1/04 to 1/06

Project Manager, City of Oakland, CA Police & Fire

As Project Manager, successfully managed a \$20 Million project for City of Oakland Public Safety system. The integrated system includes CAD and AVL, Records Management, Jail Management, Mobile Data Systems including Mobile Dispatch, Records and Report Writing. The system includes (12) interfaces to external systems. Managed (3) Project Managers, (8) technical staff and (2) subcontractor companies.

7/05 to 12/05

Project Manager, Broward County, FL Police & Fire

Provided management oversight to an \$10 Million project for Broward County, FL. The integrated system includes CAD and AVL, Records Management and Mobile Data Systems including Mobile Dispatch, Records and Report Writing. Managed (2) Project Managers, (6) technical staff and (2) subcontractor companies.

1/05 to 1/06

Manager of Project Management – Public Safety Systems

Managed (15) Project Managers. Provided management oversight to (20) Motorola large-scale CAD and AVL, Records Management

and Mobile Data System projects. Such projects include LAPD, City of Miami, Miami-Dade, Hong Kong Police, Honolulu Police etc.

Other Professional Experience:

IBM, 1999-2001

Project Manager, Toyota Sales

Project Manager, managed the Toyota web-based automotive parts tracking application that provided over 10,000 users with a web-based application to track the order status of automotive parts from Toyota suppliers. Managed (25) developers and led development, testing and implementation.

Deloitte Consulting, 1996-1999

Project Manager, Los Angeles Welfare System

Project Manager, managed data collection module for the Los Angeles County Welfare System project that provided 1,000 on-line users with a customized welfare system. Managed (12) developers, defined system requirements, and led the development, testing and implementation

Project Manager, Kaiser Permanente Foundation Systems

Project Manager managed the electronic media module for Kaiser Permanente Foundation Systems a \$120 Million project that provided a statewide billing and collection system supporting over 10 Million health-plan members. Managed (8) developers and (6) Customer testing staff, defined system requirements, and led the custom application development, testing and implementation.

Education

Masters of Public Administration
University of Southern California
B.A.
University of Utah

Training, Certifications, and Memberships

Certified Project Management Professional (PMP #30708) – Project Management Institute

David Walker

**Director Program
Management**



Year of Hire: 1985

Motorola Professional Experience:

A Project Management Professional and Senior Leader with extensive Government and Commercial markets experience delivering highly complex telecommunications solutions across North America. Significant experience developing opportunities through client relationship building, developing bid response, defining strategy and converging client requirements with proposed solutions through scope, budget, schedule and technological compliance. Multiple experiences leading the delivery of complex Public Safety and Commercial land mobile radio solutions including complete site development, fixed network equipment installation, dispatch center integration of consoles, CAD, phone systems and furniture, as well as, end user delivery of mobile and portable radio equipment, user training and performance testing. Provides demonstrated leadership in team formation, performance management and overall development of project and department teams to build bench strength across the Project Management profession that deliver results.

2006 - present

Director of Integration Services

Senior Director responsible for the Government & Public Safety Integration Services business including pre-sale and post-sale delivery of complex and emerging technology projects. My team of Project Management professionals manage the delivery of complex and emerging technology projects to our most strategic customers in the Government & Public Safety enterprise.

2001 - 2006

Area Manager – Project Management

As Area Manager I reported to the Director of Project Management and was responsible for all Government and Commercial Market telecommunications projects delivered in Kentucky, Indiana, Michigan and Ohio. I managed a team of over 20 field Project Managers and Engineers who delivered dozens of projects annually. Our project portfolio consisted of multi-site County-wide 800MHz simulcast solutions to single site solutions for commercial customers. In addition we managed the development of new towers sites, consulted on regulatory licensing (Local, State and Federal), provided end user training, performed coverage and functional testing and managed the manufacture, delivery, installation and acceptance of all sold systems within our territory.

1990 – 2001

Project Management

Project Manager responsible for delivery of projects of ever increasing scope and value over a 10 year period. My portfolio of projects included the following high-lights -

- Five state deployment of 52 site vehicle telemetry system built upon an existing 800 MHz SMR network
- Multiple UHF/VHF/800 systems delivered to small municipalities throughout southwestern Michigan
- 800 MHz, 10-site system with complete site construction, dispatch & subscriber radios to a major County.
- Delivered 48 single site 900 MHz systems to multiple Ford, Chrysler and GM assembly plants across North America
- Managed multi-million dollar Public Safety communication system deployments for large County's and City's in Kentucky, Ohio and Michigan.

Education

Business Management – Baker College, Flint, MI

Training, Certifications, and Memberships

Project Management Professional (P.M.P.)
Masters Certification in Project Management – George Washington University

