

Curriculum Vitae

Michael Lee Lemish

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INTRODUCTION:

I am a seasoned, multi-discipline, pragmatic professional with over twenty years of diverse technical and management experience. Responsibilities include those of maximum accountability, with extensive experience in program & project management, resource & personnel management, strategic & tactical planning, quality assurance & quality control management, process definition & re-engineering, business continuity planning, and client support management; proven abilities in team building with outstanding verbal & written executive communication skills. Advanced technical skills include wireless communications and electronics, LMR, public safety communications interoperability, network operations, and remote management and monitoring.

Active Top Secret clearance and DOJ suitability. FBI cleared Radio Frequency RF Technician capable of configuration, installation, and maintenance of encrypted P25 and tactical communications land mobile radio equipment.

DETAILED EMPLOYMENT HISTORY:

Engineer Technologist IV, Systems Engineering
BAE Systems Technology Solutions & Services
c/o U.S. DEPARTMENT OF JUSTICE
Wireless Management Office
12801 Fair Lakes Parkway, Suite 100
Fairfax, VA 22033

July 2009 – Present

Full time contract support position providing project management and technical support for the nationwide Department of Justice, US Park Police and Treasury roll-out of IWN (*Integrated Wireless Network*.) Specifically responsible for various design, deployment, maintenance and operations functions next generation narrowband VHF trunked communications systems. Also responsible for Subject Matter Expertise supporting various Federal Law Enforcement radio user requirements and regional Interoperability functionality for radio systems interfacing with local law enforcement and the DOJ 25-cities project.

- **Radio Site Development:** Directly responsible for coordinating and scheduling site development activities for new construction (greenfield, co-location and tenant improvement) radio / antenna sites.
- **Change Management:** Serve as the Government's Configuration Change Manager, tasked to approve and process all radio system related change requests including requests for new subscribers to use the system. Collect and store detailed records of site and system configuration changes through both a manual form and a database. Manage the Change Control policies and process. Host Change Control Board meetings as needed.
- **Operation and Maintenance:** Define plans, establish objectives and create processes related to managing operations and maintenance activities, budget development, inventory management, parts replacement efforts, user training material development and contract administration support.
- **Program Management:** Manage program relationships between systems integrator contractor (General Dynamics) and senior DOJ management to include reporting, briefing, attending program meetings and generating correspondence and documentation, resolve and/or escalate issues, reinforce business perspectives and ensure on-going program success.
- **Regional Interoperability:** SME in field and tactical interagency communications, suggesting and recommending COTS communications solutions and policy/procedures. Represent the Government at meetings with local, state, regional or national agencies. Develop and maintain cooperative working relationships with other government entities, the business sector, community organizations, and local, state, and federal officials.

TECHNICAL PROFICIENCIES:

- Experience with mainframe systems, client-server architecture and web-based applications. Understanding of network hardware (routers, switches, etc.), network protocols, DNS, firewalls, and VPN's. Knowledgeable with Oracle, SQL Server, DB/2 and UniData databases. Proficient with the use and configuration of networks, workstations, and servers running Windows operating systems.
- Software knowledge includes Microsoft office software products, Adobe and Corel graphics packages, IPSwitch products FTP Pro and iMail, HTML, BASIC, PASCAL, COBOL and FORTRAN; UniQuery, SQL, and other query languages and various third-party reporting tools (including Crystal Reports and Safari.)
- Subject Matter Expert in various areas of the TOM, eTOM, and ITIL process methodologies with operational knowledge of large data centers, ISP's and ASP's. Experience assisting large corporations with the selection and implementation of operational hardware/software and development of business processes for Information Technology, Security (Information Security), Service Assurance, Problem Management, Disaster Recover, and Network Operations.
- Wireless and wireline telecommunications experience with voice, video, and data networks including IP based networks and VoIP, PBX, POTS and digital circuits, ANI, E911, Nortel DMS, Passport, Shasta Broadband Service Node (BSN-5000), STUIII and STE, Cellular/PCS, AMPS, CDMA, WCDMA, TDMA, GSM, GPRS, UTMS, 3G, WAP, Wireless LAN (IEEE-802.x), Title III and CALEA.
- Radio Frequency (RF) theory and experience using and maintaining conventional and trunked (analog and digital) voice radio, including HF, VHF, UHF, 7/8/900 MHz, Project25 and DES/AES encrypted communication radio systems. Experience with spectrum and digital analyzers, oscilloscopes and service monitors (Anritsu, Marconi and Motorola), electronic radio frequency ID systems, microwave / radar systems, mobile data systems, telephone and radio recording systems, paging and radio alerting systems, IP audio encoders, doppler tracking, global positioning (GPS), thermal imaging systems and night vision equipment.
- Experience with design, deployment, installation, maintenance and operation of conventional and trunked Land Mobile Radio (LMR) radio systems (Motorola and Harris) infrastructure, subscriber device (Motorola, Standard, Midland, Bendix-King and others) code-plug design and programming, encryption key management (KMF and OTAR.) Installation and service experience with pager cap codes, voice privacy and scrambling devices in mobile and handheld subscriber devices, antenna and antenna theory, radar, emergency lighting, public address / siren systems, vehicle video systems, surveillance vehicles, transportable repeater systems, communications vans and custom designed tactical communications vehicles ranging in size from SUV to tractor-trailer.
- Solid technical understanding of RF antenna concepts and design, frequency spectrum and allocation/planning, and propagation and interference theory, receiver design, receiver testing, digital and analog voice/data communications and inter-modulation product formation. Well versed in communication system operations, installation, maintenance and repair, including radio equipment at base stations, remote sites and in mobile units, maintenance of antennas, microwave towers, generators, and the preventative maintenance for radio units. Experience with design, development, engineering and implementation of large scale tactical communications systems, including (but not limited to) radio site development, equipment acquisition, deployment, radio network configuration, systems operation center build-out, transition planning, and system performance management, operations and policy/procedure.

SUMMARY EMPLOYMENT HISTORY:

Senior Program Manager, Business Operations January 2004 – March 2009
Project Manager, RAN (*Radio Access Network*) Engineering Development June 2003 – January 2004
Sprint Nextel Corporation
2001 Edmund Halley
Reston, VA 22191

Managed wire line, wireless iDEN and wireless CDMA engineering project teams. Supervised lifecycle of *Next Generation* technologies and products for the Sprint Nextel network. Responsible for development and management of project and programs to build radio software features and functionality; field equipment, fixed network infrastructure and consumer products.

Senior Consultant November 2002 – June 2003
BearingPoint (*formerly KPMG Consulting*)
1660 International Drive
McLean, VA 22102

Consulted in the public services industry, working with clients in the top-secret intelligence, law-enforcement and homeland security sectors.

Senior Business Process Manager June 2000 – October 2002
Nortel Networks
2010 Corporate Ridge
McLean, VA 22102

Global Professional Services division manager leading teams providing Operational Support Systems (OSS) requirements analysis and telecommunications related process engineering for Network Operations Centers (NOC), Internet Data Centers (IDC), Application Service Providers (ASP), broadband service providers and wireless carriers.

Senior Systems Engineer IV September 1999 – June 2000
Evergreen Systems
1851 Alexander Bell Drive
Reston, VA 20191

Systems engineer who managed software installation engagements for help desk, call center, customer support center and network operations center clients. Consulted with large companies on developing and deploying focused on Tivoli and Remedy.

Software Application Specialist May 1995 – January 1999
Datatel
4375 Fair Lakes Court
Fairfax, VA 22033

Provided pre- and post-sales systems and technology consulting services for Datatel's administrative software clients.

Sole Proprietor 1988 – 1995
Teledevelopment (Two-Way Radio Shop)

Responsible for all aspects of the daily business operations of a Land Mobile Radio (LMR) shop. Provided two-way radio sales, installation, and service to commercial and public safety organizations. Purchased, licensed, managed, and maintained 460MHz community repeater systems w/interconnect.

Two-Way Radio Service Rep 1988 – 1989
High-Tech Paging Company (Denton Enterprises, Inc.)

Provided programming, installing, and trouble-shooting VHF/UHF (150/450) and 800MHz SMR equipment including customer pagers/radios/handsets and various base station repeater equipment (transceivers, repeater and interconnect panels, combiners, feed-line and antenna system components, etc.)

Cellular Telephone Technician 1987 – 1988
CFW Cellular

Provided programming, installing, and trouble-shooting of traditional AMPS cellular mobile telephones and portable handsets.

EDUCATION & TRAINING:

- Bachelor of Science (B.S.) – James Madison University 1991
Major: Communications
Minor: Public Relations
- Motorola, APX CPS Training 2010
- DHS / FEMA, NIMS IS-100, 200, 700, 775 and 800 2009
- Nextel, iDEN Systems School (5-Day Course) 2004
- Motorola, Land Mobile Radio (LMR) Interoperability Solutions 2004

PROFESSIONAL DEVELOPMENT:

- Sprint, Principles of Financial Management
- Clarify, CRM Solution Implementation Seminar
- Cisco, Application Service Provider Seminar
- Proforma Corporation, Business Process Modeling Seminar
- Pitchett Rummel-Brache, Process Improvement Methodology
- Designed Learning, Staff Consulting Skills
- Harrisonburg-Rockingham Chamber of Commerce, Community Development Leadership Program

AWARDS:

- Sprint Nextel Corporation – Patent Design & Assignment, 2006
- Nextel, Inc. – Spotlight Award, 2005
- Nortel Networks – Success Award, 2000
- Datatel, Inc. – Outstanding Achievement Awards, various dates: 1995-1999

PUBLIC SAFETY & LAW ENFORCEMENT:

- **Deputy Sheriff**, Rockingham County Sheriff's Office Full Time
- **Police Cadet**, James Madison University Police Department Part Time
- **Public Safety Dispatcher**, Farmville Police Department Full Time
- **Police Dispatcher**, Longwood University Police Department Part Time
- **Firefighter**, Prince Edward Volunteer Fire Department Volunteer
- **Firefighter**, Farmville Volunteer Fire Department Volunteer

SECURITY BACKGROUND:

- Active **Top Secret** clearance