Michael K Lawton

Work Experience:

Recent Municipal Wireless engagements:

- Bow, NH – engaged by town Telecommunications Committee to develop a townwide wireless plan (2024)
- Cape Cod Commission – engaged by Commission as Wireless expert to review 7 applications (2024 and 2025)
- Ipswich, MA – engaged by Planning Board to review applications (Q3 2024)
- Agawam, MA – engaged by ZBA to review 2 applications (Q3 2024 and Q4 2025)
- New Braintree, MA – engaged by ZBA to review application (withdrawn Q1 2025)
- Acton, MA – engaged by Planning Board to review 3 applications (May 2025, continuing)
- Harvard, MA – ProBono work on Town Public Safety system upgrade (Q1 2025, continuing)
- Sturbridge, MA – engaged by Planning Board to review application (withdrawn March 2025)
- Austerlitz/Spencertown, NY – engaged by residents to review application and proceedings (April/May 2025)
- Greenfield, MA – engaged by ZBA to review application (Q2 2025)
- Lenox, MA – engaged by ZBA to review application (Q3 2025)
- Dudley, MA – engaged by Planning Board to review application (Q3 2025)
- Sudbury, MA – engaged by Planner and Planning Board to write Wireless Bylaw revision (Q4 2025)
- Orange, MA – engaged by Water District to develop RFP/RFB for town owned tower to wireless (Q3 and Q4 2025)
- Woodstock, CT – engaged by residents to support opposition to tower application (Q3 2025)
- Lincoln, MA – engaged by Select Board to review multiple small cell applications (2024 and 2025)

DISH Wireless/Boost Mobile **July 2020-November 2023**

Market General Manager – New England

- Full responsibility for building and managing deployment and RF engineering team building DISH's OpenRAN 5G network in New England from initial RF design through construction and integration.
- Sub-markets within New England contributed significant pops to DISH's 20% and 70% coverage achievements from 1500+ site total build plan
- Hire, coach and manage entire team responsible for New England market buildout. Meet timeline and quality goals, leverage strategic partnerships and vendors.
- End-to-end oversight of all network projects, tools and solutions for New England market from initial network planning to on-air and optimization
- Establish and manage two offices, one FSL and one 3PL, 50+ team members and $400M+ in build cost and equipment
- Development and management of process/tools/teams for 5G rollout for Dish Wireless as first market leader hired.
- Primary technical developer for DISH national training for new RF Engineers

Sigfox **March 2016-July 2020**

Director of IOT Network Design, Engineering, Deployment and Operations, USA

- Full responsibility for Technical team designing, deploying, maintaining and operating the Sigfox USA network
- Outdoor network built out to cover over 70% of US population with Sigfox service
- Lead US technical resource for Sales to support customer growth and new use cases/devices in US
- End-to-end oversight of all network projects, tools and solutions
- Managing a geographically diverse team working across US
- Development and management of process/tools/teams for customer deployments (essentially Turnkey deployments) at large indoor and outdoor venues such as all MGM hotels/casinos in Las Vegas and elsewhere, Wynn hotels/casinos and Disney's parks in Orlando to provide IOT connectivity and support unique use cases and applications for security and maintenance.
- Initiative to change the US tower deployment ecosystem to fit the IOT budget and schedule agility needs
- Responsible for all technical training of all Sigfox US staff
- Tracking and driving improvement in all Customer SLA for Sigfox US

SAI Communications (SAI) **January 2012-March 2016**

Manager of Engineering

- Full responsibility for RF engineering team, including LTE Overlay design, scoping, RFDS creation, drive testing, DAS survey, design and commissioning, MPE studies and measurements, RF safety plans.
- Develop and expand DAS line of business, including business development, design (iBwave) oversight and review, integration and optimization of systems from small, passive only systems to large Enterprise, health care, concert venues (including ODAS and IDAS) and indoor and sports arenas. OEMs designed and installed include Spidercloud, Corning Mobile Access, TE/Commscope, JMA/Teko, Solid, ADRF and Deltanode.
- Growth and oversight of technical team designing and managing DAS deployments for several customers throughout NE from VA to NH. Large (hospitals and concert venues) and small (retail and enterprise) turnkey installations from design through build, commissioning and optimization.
- RF Safety Compliance project, including measurements, studies, mitigation (signage and barrier installation) and PM
- Industry expert on RF Siting and RF Safety issues called to testify at many Zoning, Planning, Permitting, public and Connecticut Siting Council hearings on behalf of wireless carriers and tower developers seeking approval to construct (often controversial) wireless facilities. Extensive experience with public speaking, legal testimony and professional customer representation under often difficult circumstances.

Telecom Technology Services (TTS) March 2006- Jan 2012

Director of Engineering

- Full responsibility for P&L and employee management of West and South US areas of operation for services and KAM
- Oversight and technical leadership for turnkey network growth projects in New England (MA, RI, ME, NH, VT, CT), NY and Northern CA.
- Responsibility for leadership of all RFP/RFQ, tender and bid responses within area of responsibility
- Strong record of customer satisfaction, growth and retention throughout areas of responsibility
- Business development, project execution, recruiting, training and team management among responsibilities
- Managed National Model Tuning project for T-Mobile, over 100 models delivered on-time and on-target
- Personally developed innovative engineering services and tools to grow revenue and increase customer base
- Technical oversight of many projects including turnkey optimization for GSM and UMTS, turnkey network design (2G and 3G) and QC, E911 compliance certification, AFP and ACP, model tuning, Greenfield and overlay design and rollout.

LCC International April 1990 – Feb 2006
Senior RF Manager

Customers:

Cingular Wireless/SBC/AT&T Wireless	**T-Mobile**
Metro Mobile (now Verizon)	**McCaw Cellular**
France Telecom (now Orange)	**Fleetcall/Nextel**

Project highlights:
National UMTS Design lead and PM, AT&T Wireless
Nextel New York area RF Manager and NYC Deployment lead
Nextel Los Angeles area RF Manager
Nextel Strategic/Technical advisor for Motorola iDEN product
New England AT&T lead RF consultant, LCC group manager for GSM rollout, Microcell project, IS-136 rollout, 6 to 3 sector conversion
Marseille GSM network design and expansion plan
Phoenix Metro Mobile RF Manager
Portland, OR Lead RF Engineer, AT&T to Ericsson HW conversion

Moffet, Larson & Johnson, PC., Falls Church, Va. March 1987-April 1990

Senior RF Engineer

Volunteer and boards

- Vice Chair of Town of Harvard, MA Zoning Board of Appeals
- Member of IEEE Electromagnetic Compatibility Society
- Past President (2019-2022), Vintage Racer Group

Education

Rensselaer Polytechnic Institute, Electrical Engineering