



MUDGE ENGINEERING associates inc

Engineering Solutions, Engineering Services



Mudge Engineering Associates Inc. is an Engineering Solutions and Services Company based in Halifax, Nova Scotia.

Founded in 2008, our corporate mission is to provide our customers with the Best Professionally Engineered Solutions, to the toughest of technical issues and circumstance, while assisting our customers to exceed their goals.

Our Team is comprised of Telecom Professionals, who have experience to share and a desire to be the Best in Business. We pride ourselves in being able to deliver the Technical & Management resources you need, to meet your business requirements in the short or long term.

Our Specialty is Telecommunications Network Engineering. Our most recent experience is in RF Network Planning, Design and Implementation, particularly in the Public Safety Communications Sector. But we have more than Wireless and RF Network Engineering to offer.

Our Associates all have diverse backgrounds in Telecom, and we are well equipped to meet our customers' expectations in the realm of Telecom Engineering including Fibre Optic Transport Systems, IP Internetworking Design and Network Management.

As Project Managers we can also help with Generic Project and Program Management requirements. Training is also our specialty and we enjoy offering our customers Generic and Network Specific Training.

We deliver all our Engineering Services and Solutions using our Core Competencies and our Fundamental Beliefs of Trust, Integrity and Reliability.

"First We'll Earn Your Trust, Then We'll Earn Your Business"

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Wireless Engineering & RF Network Engineering

- Point to Point Microwave Radio Design and Engineering
- Transport Design, RF Transmission Design
- RF Coverage Analysis & Predictions, Mapping
- RF Network Integrity and Service Assurance (Proof of Performance)
- Network Capacity Audits, Network Service Audits
- Network Survivability Audits
- Threat Risk Analysis
- RF Frequency Planning & Licensing
- MOP's – Method of Procedure, Scope of Work Documents
- 2-Way, UHF, VHF, Public Safety Radio Systems Design
- New Site Location Selection
- Product/Vendor Selection Assistance
- RFP and RFI Writing and Response Assistance
- RF Intermod Analysis

Project Management & Advanced Training

- Project Management
- Program Management
- Project Delivery
- Specialized Course Development
- Customized Training

Telecom Engineering

- Fibre Optic Transport Design & Planning
- VoIP Design
- Network Verification and Acceptance
- DC Power Systems Design
- RFP and RFI Authoring and Response Assistance
- Advanced Troubleshooting
- Grounding Design

Network Management

- Network Wide Fault Management Design
- Network Element Management Systems
- Network Management Systems Integration
- Alarm Systems & Supervisory Telemetry
- FCAPS – Fault, Configuration, Accounting, Performance & Security

Engineering Field Services

- Drive Testing and Coverage Verification
- Network Optimization
- Network Commissioning
- Advanced Troubleshooting
- RF Intermod and RF Interference Analysis
- Grounding Field Audit and Assurance Testing