



Data Broadband

Motion Networks has extensive experience managing a wide array of public and private internetworking and data systems, as well as larger ISP networks, including security audits, and this expertise is available to you. Our support specialists have expert level experience on numerous LAN switching products, routers, frame relay networks, ATM networks, ADSL DSLAMs, dialup modem pools, and the list goes on.

As well, Motion Networks can address your needs on a wide variety of legacy data networks and cabling issues. Please feel free to contact Motion Networks regarding any of your individual network arrangements.

Technical Support - LAN switches, Routers, Wireless LANs, LAN Cabling, DSLAMs / ADSL, Dial-up Networking Modem Pools, Access Network Aggregators, Digital Cross Connect Switches, Intelligent Channel Banks, Video - Analog as well as IP based, Manage vendor interface on escalated trouble reports, and Network planning, design, and reconfiguration.

Training - Introduction to Digital Data - Introduction to Ethernet and Local Area Networks (LANs) - Introduction to Frame Relay - Introduction to ATM - Introduction to Routing - Customized Training on Data Test Equipment - Conduct riding exercises with field technicians for OJT - and any other requested training

Project Management and Supervision - Node and network installation - Node and network commissioning - Node and network upgrades - System reconfigurations

Temporary Resource Replacements - Emergency Relief - Vacation Relief (short or long term)

Spares Analysis - Requirements (what you need) - Strategic unit placement

Expert Solutions

All you need to do is ask!!!



Transport

Motion Networks has extensive experience managing a wide array of public and private transport and synchronization networks, and this expertise is available to you. Our telecom specialists have expert level experience on numerous **optical and microwave** transport networks, including Nortel Optera Metro optical products, Nortel Optera Long Haul and Connect products, Alcatel 1603 and 1612 optical products, Alcatel MDR microwave product line, and Symmetricom/Datum synchronization products.

As well, Motion Networks can address your needs on a wide variety of legacy optical and microwave transport systems, digital and analog multiplexers, and any other associated subsystems. Please feel free to contact Motion Networks regarding any of your individual network arrangements.

Technical Support - Transport maintenance center technical support - Perform high level troubleshooting - Manage vendor interface on escalated trouble reports - Network planning, design, and reconfiguration

Training - Operations and maintenance - Conduct riding exercises with field technicians for OJT - High level system analysis - Proper facility resource utilization - Growth capability and impacts

Project Management and Supervision - Node installation - Node commissioning - Node upgrades - System reconfigurations

Temporary Resource Replacements - Emergency Relief - Vacation Relief (short or long term)

Spares Analysis - Requirements (what you need) - Strategic unit placement

Expert Solutions

All you need to do is ask!!!



Switching

Motion Networks has extensive experience managing a wide array of public and private switching networks, and this expertise is available to you. Our telecom specialists have expert level experience on the full Nortel suite of public switched networks, including the DMS200, DMS100 and DMS10. We also support a myriad of other digital switching products including Digital Line Concentrators (AMAS, DMS-1U, Access Node, etc..). As well, we can offer support for a variety of other legacy switching systems/vendors.

Technical Support - Switch maintenance center technical support - Conduct riding exercises with field technicians for OJT - Perform high level troubleshooting - Manage vendor interface on escalated trouble reports

Training - Operations and maintenance - Traffic engineering - High level switch analysis - High level system evaluation - Proper switch resources utilization - Growth capability and impacts

Project Management and Supervision - Switch installation - Switch Commissioning - Switch upgrades

Temporary Resource Replacements - Emergency Relief - Vacation Relief (short or long term)

Spares Analysis - Requirements (what you need) - Strategic unit placement

Expert Solutions

All you need to do is ask!!!



Motion Networks can provide expert level resources to assist you with all your telecommunication DC power, AC power and grounding design and support requirements. Our telecom specialists have worked with both small PABX and central office installations, as well as larger 70,000+ line DMS switching centers. All too often telecommunication service providers spend excessive hours troubleshooting intermittent service degradations or outages due to poorly designed or maintained grounding systems. Often times the source of their problems is not the result of their own poor design or lack of maintenance, but rather by the local electricity company, which results in damage to their line cards and customer premise equipment.

Another common problem is defective battery cells that go undetected, until finally, to your chagrin, your first noticeable symptom is a complete office failure. Motion Networks can perform battery audits, complete with a very detailed summary report, giving your power engineers the data they need to make informed planning decisions.

Power Plant and Cabling - Battery selection - Power Plant design - Cable sizing - Vendor selection

Detailed Performance Analysis Report - Float and equalization properly set - Premature plate growth or deterioration - Thermal analysis of all breakers, battery connections, and power distribution centers - Load measurement and analysis - Provide appropriate recommendations

Power Line Interference - Power analysis - Power line inspections - Surge protection - Interface with local power company to manage resolution - Conduct detailed analysis of elusive network power problems

Grounding and Bonding - Grounding system design and grounding audits

Manage Power Maintenance Records - Retrieve results from existing remote power monitor systems - Collect field technician battery storage capacity reports - Analyze power data records, and alert operating

company of any potential problems - Develop battery life-cycle management program - Maximize life of current power investment

Training - Develop and deliver courses for all power systems - Power safety - Ground system testing - Surge protection

Resellers - We will seek out and procure for our clients both new and refurbished network equipment products, including Cisco, Juniper, Nortel and Cyclades.

www.motionnetworks.ca

Contact info:

info@motionnetworks.ca

sales@motionnetworks.ca

Tel - (709) 693-8696

Fax - (709) 739-7848

MOTION NETWORKS
15 LEEWOOD PLACE
CONCEPTION BAY SOUTH, NL
CANADA
A1X 7V3

Expert Solutions

All you need to do is ask!!!



Motion Networks is a Canadian company, with its headquarters in Newfoundland and Labrador. We specialize in providing high end advanced technical support and technical consulting services to telecom companies and VARs worldwide. Our subject matter experts have all been in the business for over 30 years, and will bring over 200 years of industry "expert level" resource support and wisdom to your doorstep. Our mission is to make your business as successful and profitable as possible.



Motion Networks offers a myriad of services, including advanced technical support and consulting with the design and operation of transport and voice switching networks, data and IP networks, as well as power and grounding systems. We also offer customized training programs, project management, network equipment installation, network and system audits (including power interference), disaster recovery planning, facilities management, business analysis, and trouble analysis.

Expert Solutions

All you need to do is ask!!!