

David Morton

Power Engineer/Network Design Engineer - Broadview Networks

erial, NJ - Email me on Indeed: [indeed.com/r/David-Morton/cbac3e788046c3d9](https://www.indeed.com/r/David-Morton/cbac3e788046c3d9)

To secure employment that encourages my professional and personal growth and development through opportunities for challenging and creative use of my diverse experience with a concentration in standby power for telecom and/or data center management environment.

WORK EXPERIENCE

Power Engineer/Network Design Engineer

Broadview Networks - 2003 to Present

Provides engineering and technical support to plan, schedule, coordinate and execute full life cycle commissioning of critical DC and Battery backup facilities.

- > Participate in the MEP design process
- > Witness the static and dynamic testing of complex AC/DC, electrical control system and operate the systems in normal, maintenance and failure modes of operation.
- > Design and implementation of DC power plants, Inverters, rectifier plants and Infrastructure equipment that would support Data Centers, VOIP/ Cloud services in various Telecomm Central Offices throughout the company.
- > Procure contractor quotes for proposed design and installation.
- > Projects manage the contractors hired to install the DC plant, Inverter, UPS and/or backup batteries (VLRA, Wet-Cell, NiCad)
- > To research and design energy efficient power plants.
- > Manage contractors and timelines for outsourced Power and Infrastructure projects.
- > Ensure new equipment is energy efficient and ensure Low MTTR intervals.
- > Manage DC battery PM schedule, Replacement, and Warranty issues.
- > Manage equipment reallocation and recycle.

Responsible for, but not limited too

- > Implement and budget cost effective, scalable, reliable, and manageable network power solutions
- > Manages network expansion/conversion/decommission VoIP projects of significant scope
- > Interface with Technology, Operations and IT Groups to define and deliver new products, services, and functionality
- > Identify necessary network power changes, validate proposed changes through testing, develop/submit a detailed work plan, and interface with various DC Power Engineers, IT engineering and Operations groups to successfully implement these changes on the Lab/Production network equipment.
- > Evaluates prospective vendors and technologies through lab testing and thorough analysis for inclusion into Production network

Network Migration Project Engineer

ATX Communications - 1999 to Present

Implement engineering's plan to diversify the network

- > Take advantage of current resource allocation
- > Improve the network architecture
- > Improve network availability, reliability, and cost per unit.

Responsible for, but not limited too

- > Planning of network migrations

- > Establish the migration process with the teams and provide the necessary training to complete the migrations
- > Manage the preparation work to meet the scheduled migration date
- > Coordinate the migrations so that all parties, internal and external are prepared for each activity
- > Manage and oversee the actual migrations to ensure that all services are restored quickly and accurately for minimal customer impact.
- > Ensure that all databases are updated after the migrations to reflect the actual network configuration.

Supervising Manager of Local Operations / 5ESS Translations Engineering

ATX Communications - 1999 to 2003

Major responsibilities are to aid and assist a group of five translations engineers with day-to-day translations of business customer's orders. Writing and implementing new procedures for local operations. Training new personnel in proper procedures for translating customers orders for analog lines, mlhg, private facility trunks, ISDN PRI Trunks, ISDN BRI Lines, IDP, Centrex system, and proper routing for LNP inter / intra lata call processing. Ensuring that all switch alarms are addressed and troubleshooting any and all product types offered with field techs and or ILEC. (IE: Bad smart-jack, LNP numbers not being ported correctly in NPAC, CPE faulty, etc.)

- > Writing and inputting switch translations data for Routing Translations (LDIT, RDIT, Screen Indexes and T-Conflict Translations). Writing and inputting switch translations data for new Centrex Services (ISDN Lines, Analog Lines, Configuration Groups, IDP's (Individual Dialing Plans) and BRCS Feature Groups in the Lucent 5ESS switch with 98% accuracy. Translating and inputting Private Facility Trunks, PRI's (Primary Rate Interface) and SS7 Trunks. SM switch growth and all associated translations.

Senior Switch Tech

ATX Communications - 1999 to 1999

Major responsibilities are Cell site building in Lucent 5ESS switch and ECP, Translations, Digital Cross-connects on Tellabs 532L and 5500, T-1 acceptance, DS3 acceptance, 5ESS Maintenance, AMA Backup, ECP and 5ESS backup, Download of new software for cell sites, Download BWM for 5ESS, Alarm test for cell sites and Scat BIU upgrades

Switch Tester

LUCENT TECHNOLOGIES - 1997 to 1999

Major responsibilities are Lucent 5ESS switch installation verification, Test and Turn Up, 5ESS and ECP translations, 5ESS software download, system cabling, power verification, software installation, equipment testing, Growth work, PCS cell site building, circuit pack testing, wiring of DSX bays and DC rectifiers.

- > Proficient with CDMA and TDMA networks

Cellular Phone Repair/Bench Tech

Communications Test Design - 1997 to 1997

Repair of Motorola, Nokia, and Ericsson and Audiovox portables

- > Utilization of Marconi Cellular test system to run diagnostics
- > Testing of transmit power using HP RF Communications Test Set

Cellular Technician for Nextel

Aerotek / Motorola - 1996 to 1996

Software installation using RSS software for Nextel phones

- > Component removal and installation on flip phones
- > Equipment testing on phones and network for Nextel

EDUCATION

Certificate of completion in Automotive Engineering Course

Camden County Technical School

2002 to 2004

Weichert Real Estate School

2004

Associates in Computer Networking / Electronic systems

Computer Learning Center - Philadelphia, PA

1994 to 1996

SKILLS

Telecommunications (10+ years), DC Standby Power (10+ years), Data Center (10+ years)