



Wireless Network Specialists

Nexus Communications Service Outline



7500 Woodbine Ave, Suite 305
Markham, Ontario, Canada
L3R 1A8

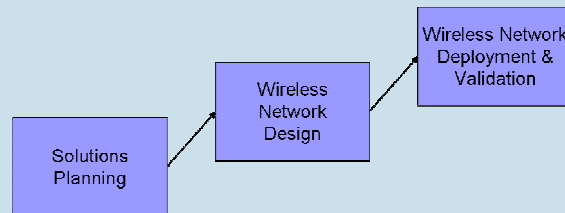
Website: <http://nexus-communications.com>
Email: info@nexus-communications.com
Phone: 905-480-0071

Wireless Network Service Leaders

To ensure your continued success, you need to know that your wireless network is designed, deployed, and is operating for optimal performance. Anything less means you're wasting valuable time, resources, and ultimately the satisfaction and loyalty of your customers.

Not all wireless networks deliver as planned. This is because the design and roll-out of the network is highly complex, requiring trained staff who are expert in the latest technologies at both the product and system levels.

At Nexus Communications, we are expert in the latest wireless broadband technologies. Our extensive experience includes WiFi Mesh and WiMAX network designs for some of the largest cities in North America. Our wireless network service outline encompasses three principal phases: Solutions Planning, Wireless Network Design, and Wireless Network Deployment and Validation.



Nexus Communications Service Advantages

Nexus Communications' service portfolio can help you achieve:

Reduced Cost of Ownership

Many factors can unnecessarily increase the cost of ownership of your network, including network over-design, errors in site location selection, and errors in technology selection. These problems can be avoided through proper planning, design, analysis, and measurement, all of which are elements of Nexus Communications core service offerings.

Reduced Time to Market

It is critical for you to move your network from conception to deployment in accordance with your business plan. Failure to do so means delays in revenue-generation and loss of potential customers to your competitors. At Nexus Communications, we avoid these delays by systematically investigating the performance of the technology in the target environment well before the deployment phase. In this way, we minimize expensive and time-consuming deployment-phase rework.

Better Network Performance

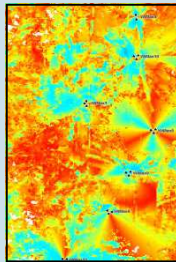
Your users insist on having coverage everywhere in your service area with the features and services advertised as available from your network. Failure of your network to deliver will result in unhappy customers, higher support costs, and lost revenue. At Nexus Communications, we will work with you to deliver a deployable design that meets the coverage and capacity goals of your network, which will result in a positive experience for your valued customers.

Wireless Network Design Services

The key to any successful wireless broadband system implementation, once the technology has been selected, is proper wireless network design planning prior to deployment. Failure to execute at this stage often results in cost overruns, gaps in coverage, and missed expectations.

Our Approach

Our team has adopted a streamlined approach to RF network design. This approach minimizes rework so your wireless network goes live on time. Our approach ensures that the site locations for wireless node deployment we identify are the right locations. This way you can avoid penalties associated with breaking site leasing contracts, or avoid unnecessary costs due to site over-selection.



Our Expertise

Our expertise spans several wireless technologies including WiMAX 802.16e, CDMA, UMTS, HSPA, 802.11abg, GSM, GPRS, and DBV-H over a wide range of frequency bands. We have completed designs for wireless product platforms from several equipment vendors. We are well-positioned to lead your RF network design activities, from campus-sized networks to city-wide designs exceeding 10,000 km².

Our Wireless Network Design Services

- Capacity and frequency planning
- Detailed RF network design
- Site Survey
- Continuous Wave (CW) measurements
- Model Tuning

Wireless Network Deployment and Validation Services



Beyond wireless network planning and design services, our team of professional engineers can offer services to help you deploy, optimize, and validate your wireless network.

Our experience covers a range of deployment environments, both large and small.

Our Deployment and Validation Services

- Turn-key project management
- Site survey
- Wireless system integration
- Site audit and acceptance
- Drive testing to validate coverage and performance
- System/cluster/site-level testing, troubleshooting, and remediation

The Nexus Communications Advantage

At Nexus Communications, we combine our comprehensive suite of wireless services with our leading edge expertise to deliver proven results.

For more information about how Nexus Communications can help you achieve your business goals, reach your time-to-market requirements, reduce your costs, and to satisfy your customers, contact your local Nexus Communications representative.

Solutions Planning Services



Deciding to commit to a wireless broadband data network is not an easy task. How much will it cost? How pervasive does it need to be to meet the envisioned objectives? How many users does it need to serve? How will the system be used?

At Nexus Communications, we are not affiliated with any equipment vendor, so our services will be conducted without bias, with only the needs and best interests of the customer in mind.

Our Wireless Solution Planning services

- Needs assessment/operational concept
- Request for Information preparation
- RFI response review
- Requirements definition/prioritization
- Budgetary design to estimate cost
- RFP-writing support
- Risk Management Planning
- Acceptance test planning
- RFP response evaluation
- Vendor evaluation and selection support



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