



# NETWORK SYSTEMS WIRELESS SERVICES

## DESCRIPTION:

The benefits of a wireless network extend beyond instant communication and mobility. When you invest in a wireless network, you own and manage it. What's more, wireless networks reduce or eliminate recurring leased line fees. As a result, clients typically realize a positive return on their investment within two to four years.

Wireless networks do not require wiring or cabling, making them less expensive and faster to deploy than a wired system. Additional benefits include a reduction in network duplication while offering reliable high-speed network interconnectivity.

Specific advantages of wireless LAN and 802.11 a and b are immediate access to the Internet any time, anywhere without having to connect to a physical line.

NIC has the capacity to design, manage, install, and maintain all wireless networks. We recommend employing our services in the design phase of a project. This guarantees your network can grow with your business and is cost effective to operate and maintain. Our objective is to exceed your expectations. We do this by delivering quality projects on time and on budget.

Our maintenance program includes emergency restoration. Our services extend the lifespan of your system and eliminate preventable outages. When problems do occur, recovery is swift. Furthermore, we provide all of our clients with a published emergency recovery plan.

Additional services offered include asset management. Properly managed assets can maximize revenue opportunities. For example, you may be able to capture additional revenue from leasing extra capacity on towers and tall structures. We also assist with lease and contract negotiations.

## SERVICES:

### **Design and Coordination Services**

*Network feasibility studies*  
*Extensive site survey and design*  
*Establish security measures*  
*FCC licensed microwave application processing*

### **Technical Project Management**

*Resource scheduling and material expediting*  
*Coordination among NIC and other trades*  
*Contract administration*

### **Microwave**

*Point-to-point microwave*  
*Point-to-multi-point microwave*  
*Licensed and unlicensed*

### **Wireless LAN**

*Site survey and coverage planning*  
*Wireless LAN-802.11 a and b*  
*Wireless 802.11 bridges*  
*Antennae design and placement*

### **Free Optic Space Connections**

*Free optic space laser connectivity*  
*High bandwidth short distance point-to-point*

### **Support Services**

*Tower maintenance and safety program*  
*Emergency restoration and planning services*  
*Twenty-four hour access to NIC engineers*

### **Asset Management Services For Wireless Facilities**

*Consult on capturing additional revenues*  
*Lease and contract negotiations*