Wireless technology has been around for many years and continues to evolve as more agencies add wireless capability to their applications. The goal of most agencies is to push mobile computing to their users, at the point of contact with the item, not in an office away from work floor.

Your Wireless Implementation Partner

Northrop Grumman offers its customers the opportunity to partner with an objective, experienced systems integrator of wireless solutions.

Independent Integrator

Northrop Grumman brings its customers the benefit of a proven independent systems integrator for wireless and supply chain solutions. This includes hands-on experience with the major wireless vendors, RFID vendors, Enterprise Resource Planning (ERP) and Automated Information Systems (AIS) providers, and DoD retailers and suppliers.

Our Solution Center

In additional to a complete line of installation/deployment services, our Automatic Identification Technology (AIT) Center of Excellence provides a comprehensive research, development and operational test facility. Northrop Grumman designs prototypes, tests hardware and software, develops applications and manages our implementation services at this facility.

Installation Services Available:

Northrop Grumman installation teams are typically comprised of two field system engineers experienced in deploying wireless solutions and any project specific hardware to field locations.

The installation teams provide many services for varying projects to include the following:

- **Pre-Installation Checklist** – is tailored to the project installation and sent to the site prior to the install team's arrival. The checklist provides a list of items to accomplish prior to the installation such as: ensuring training space, power and network available, accounts created, point-of-contact (POC), etc…

- **Site Surveys** – Northrop Grumman engineers conduct site surveys at each location. The surveys determine and document data such as: wireless hardware placement for optimal RF coverage, power
Experience
Northrop Grumman has completed over 300 encrypted 802.11 wireless backbone installations for the Army in support of their Standard Army Retail Supply System - Material Release Order Control System (SARSS-MROCS). In FY08 Northrop Grumman will complete an additional 100 SARSS-MROCS wireless installations. Sites include the United States, Iraq, Afghanistan, Kuwait, Qatar, Djibouti, Bosnia, Germany, Italy, Korea, Japan and Honduras. At each site the team completes a site survey, installs the RF hardware, trains on the use of the RF hardware and completes a verification report on the RF network. Northrop Grumman also trains on-site personnel for the configuration and use of the wireless systems, and maintains a Tier III help desk for responding to wireless issues.

The SARSS-MROCS application was provided by Northrop Grumman and resides on wireless hand held terminals (HHTs). The HHT application transmits, by radio frequency, the data it processed and collected back to the legacy SARSS server located in the Army Supply Support Activity (warehouse).

Summary of technical services: radio frequency site surveys, software development, incidental material purchases, encrypted wireless backbone fielding and operational evaluation with Hand Held Terminals, maintenance and training. Provide on-site assistance for sites that needed helpdesk services to include RF backbone troubleshooting, reconfiguration of equipment, replacement hardware installation and additional training.

Why Northrop Grumman for Wireless Solutions?
Northrop Grumman is a leading systems integrator and the second largest provider of Information Technology (IT) to the federal government. Working hand in hand with customers is our legacy. We truly partner with customers to ensure that their goals and objectives are our goals and objectives. Headquartered in McLean, Virginia, the Information Technology sector of Northrop Grumman continues a 50-year legacy of IT experience, expertise, and proven performance in providing breakthrough solutions and services.

Our experience in 802.11 wireless and encryption solutions includes hardware vendors such as: Aruba, Cisco, AirFortress and Intermec.

Contact Us
For more information on Wireless Solutions please contact (757) 259-5204.