



TELOS SECURE WIRELESS SOLUTIONS: METHODOLOGY

Key to the success of Xacta secure wireless solutions is the Telos methodology for design and deployment. Our comprehensive process begins with the creation of a sound security policy and includes in-depth requirements analysis, site surveys, systems integration and engineering, installation, security certification, and ongoing support.

SECURITY POLICY DEVELOPMENT Federal and DoD agencies are responsible for complying with regulations such as DOD 8100.2 and NIST 140-2 that define security requirements for wireless networks. Telos can assist your organization in developing wireless security policies, definitions, and responsibilities that meet these requirements in order to counter vulnerabilities and security risks introduced by wireless technologies and the infrastructure installed to support them.



POLICY



REQUIREMENTS ANALYSIS AND CONCEPT DESIGN Telos begins by assessing your existing infrastructure in order to leverage your current investments and minimize new spending. We research, evaluate and provide technical advice on existing communications, power, and environmental elements of the designated site, then report on our conclusions and recommendations prior to beginning work.

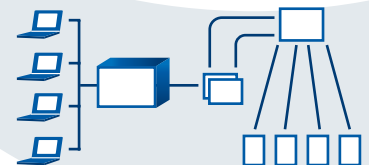


ANALYSIS



SURVEY

WIRELESS SITE SURVEY Our on-site assessment identifies requirements for site preparation, signal coverage, AC power and Ethernet, building penetration, server location and connectivity, security, and coordination with base personnel. Telos engineers perform site surveys using our automated survey tools to identify RF coverage requirements for seamless roaming and avoidance of interference and dead spots. This work results in a site survey report that details the criteria required for successful system installation and implementation.



ARCHITECTURE DESIGN



NETWORK ARCHITECTURE DESIGN Telos identifies the best technology solutions available to meet your requirements and integrates them into your network environment to provide highly available, secure, scalable, manageable, and reliable services. From project planning and network assessment to solution design and documentation, Telos network architecture design ensures maximum efficiency and performance and compliance with industry standards and organizational policies for information security.



SUPPORT

SUPPORT Telos provides multi-year, multi-level support, including warranty, maintenance, training, onsite administration, security posture updates, and all other support and upgrades during the solution life cycle as required.



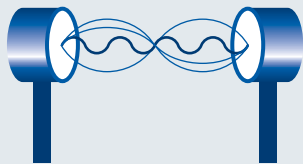
CERTIFICATION

NETWORK SECURITY AND CERTIFICATION Our solutions feature a built-in security and information assurance architecture. Xacta solutions utilize a variety of the latest technologies to encrypt traffic, enable seamless roaming, and provide secure access to the rest of the network. As part of our secure wireless solutions work, we apply our own industry-leading application that automates the security C&A process and produces a C&A document that complies with regulations such as DITSCAP, NIACAP, DCID, and NIST.



INSTALLATION

INSTALLATION AND VERIFICATION Our installations begin with site preparation work that includes necessary electrical and LAN installation for RF devices. With site preparation complete, the installation continues with installation of Access Points and other RF devices, software integration, and installation and configuration of security hardware and software. In addition, Telos performs configuration of network addresses and security IDs, configuration of wireless client devices, and a complete site checkout for seamless roaming and efficient throughput of the WLAN.



SPECTRUM AND FREQUENCY APPROVAL

SPECTRUM AND FREQUENCY APPROVAL A hidden element in the provision of wireless solutions is acquiring approvals for use of radio spectrum. Telos is expert in the development of spectrum-approval documentation, including DD-1494 documentation and J/F-12 approvals for fixed and deployable installations.



SYSTEM INTEGRATION

SYSTEM INTEGRATION Telos partners with industry-leading vendors and packages their components for secure and reliable performance even in harsh field conditions. We also provide client devices that support wireless applications, such as pen tablets, bar code scanners, hand-held computers, wearable computers, and head-mount displays. Telos operates a 67,000 square foot ISO-9001 system integration center, where we test and integrate the components of your solution to validate that everything will perform as projected.

