

LTI DataComm Professional Services

Maximizing The Security & Effectiveness Of Your Wireless LAN Investment

LTI's Professional Services team provides a comprehensive suite of wireless services to enable, optimize and secure 802.11 wireless networks. Our experienced consultants provide you with the expertise to plan, design, implement and help secure your Wireless Local Area Network (WLAN).

Our Professional Services security team will assess, evaluate and provide tools to enable you to operate a secure, wireless network.

Our depth of experience and past performance is leveraged to offer our customers:

- **Wireless engineering planning & design**
- **Turn-key installation services**
- **Wireless Security Assessment Services**
- **Health checks for existing deployments**

Building on our core values - Safety, Engineering, Quality, and Service - our clients a hassle free experience and superior work product on every project.

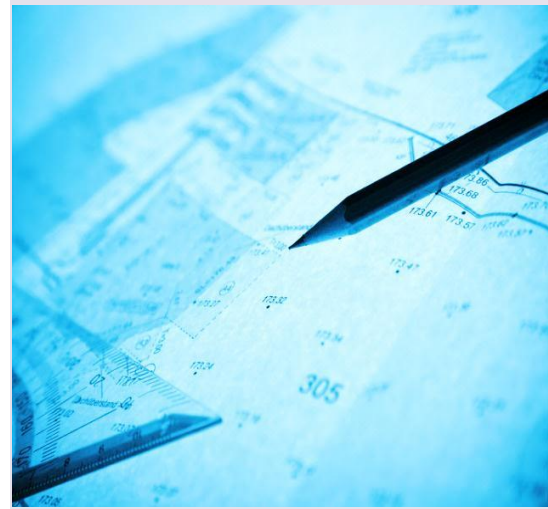
Wireless Engineering Planning & Design

A wireless network is only as good as it has been designed to be. LTI offers a standardized process to survey and document your environment's RF coverage characteristics, as well as to provide Access Point (AP) placement information to guide the installation of your wireless hardware to meet your performance requirements.

LTI will survey and model your environment using predictive RF design and measurement tools that take into consideration your projected application use. The survey phase typically includes a walk-through/visual inspection of your site, as well as spectrum analysis of the proposed coverage area. An analysis of user concentration, through-put requirements, redundancy and capacity planning, and evaluation of the current RF environment, with testing for RF interference and coverage, is conducted. In the documentation phase, the findings and recommendations for AP layout, channel settings, power levels, and antenna selection are presented. AP and antenna installation placement diagrams are furnished to guide cabling and installation requirements. Our Professional Services team works with our customers to understand user application information and security best practices to create a detailed plan to help ensure a successful implementation.



Services Overview



WLAN Professional Services:

- **Engineering & Planning**
- **Turn-Key Installation**
- **Security Assessment**
- **Health Checks for Existing Deployments**

Services Overview



Wireless Engineering Planning & Design

Turn-key Installation Services

LTI's Professional Services team not only designs networks but can provide a full turn-key implementation. Trained and certified to meet industry and vendor standards, we are capable of providing our customers:

- Competent project management that keeps your goal and vision the primary focus of the project.
- System engineering & design that goes beyond theory and is based on years of previous experience
- Plotted and actual coverage maps that provide you with a baseline for future support issues.
- Installation including In-Plant wiring, AP installation & system configuration that comply with BICSI and Motorola R56 standards.
- Acceptance testing based on customer-approved plans that are focused on proving the system is capable of supporting the mission.
- On-site formal and over-the-shoulder training that is tailored your specific network and configuration.

Wireless Security Assessment Services

LTI's Professional Services team offer wireless security assessment services to address client access profiles, validate security configuration, guest access configuration, third party Radius configuration, and 802.1x authentication. We offer security assessments, technical evaluations, and the implementation of leading Intrusion Detection and Prevention (ID&P) solutions. We take security a step beyond traditional wireless companies and are experienced in federal security mandates and getting new and existing networks configured to meet them.

Health Checks for Existing Deployments

LTI understands how to design, build and install wireless networks. We also know what it takes to optimize and secure these networks. We understand that wireless networks may be an overlay to an existing network and may not get as much attention with regards to upkeep and personnel training. LTI Professional Services can conduct a site survey to help evaluate your current wireless infrastructure and provide:

- Health checks to identify any areas an existing network may be configured or operating incorrectly.
- Fix-action reports that will help network administrators return their network to fully operational states.
- Validate third party installations and provide a bill of health identifying coverage holes as well as recommendations on fixing them.
- Support expansion programs based on new missions, application and building coverage requirements that need to take an existing network to the next level.
- Optimization of wireless networks for performance and security.



Health Checks for Existing Deployments

LTI DataComm

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