SHIELDWireless
Product Suite

CTI
IT CONSULTING AND SOLUTIONS

INTENT

CTI's SHIELDWireless suite looks to ensure a successful, optimized, and cost-effective wireless network deployment. CTI's SHIELDWireless assessments help organizations to deploy wireless services for the first time, or to assess the efficiency, security, and manageability of existing wireless infrastructure. For new installations, SHIELDWireless guides budget and investment efforts by establishing recommendations for the optimal deployment of access points (APs). For existing installations, SHIELDWireless can help organizations review existing wireless technology and deployment, understand any service degradation or gaps in coverage, and recommend modifications to remediate issues and increase wireless ROI. CTI's SHIELDWireless assessments leverage industry standard site survey software and best practices to review the corporate wireless environment, analyze any electromagnetic interference present, develop diagrams to visualize a variety of wireless metrics, and, ultimately, facilitate the proper planning and design of your wireless network.

COMPONENTS

The following graphic illustrates the various assessments available as part of CTI's SHIELDWireless suite. These services range from concise one- to three-day engagements to detailed multi-week assessments.

SHIELDWireless Pro

Designed especially for organizations seeking to implement a fully-vetted wireless network design for the first time, or for those seeking to completely overhaul an existing wireless deployment, the SHIELDWireless Pro assessment includes site surveys and detailed analysis of each coverage area. This type of evaluation provides the data necessary for CTI personnel to create the best design possible for the organization's new wireless infrastructure. Assessment documentation will include specific recommendations for access point, antenna, switching, and cabling hardware, as well as images and maps to illustrate intended access point mount locations. SHIELDWireless Pro also includes a post-deployment validation walkthrough to confirm that the wireless network is functioning optimally after installation and, if not, to recommend any necessary adjustments.

SHIELDWireless Core

Is a weak wireless connection interfering with one of your organization's core business functions? CTI's SHIELDWireless Core leverages walk-through site surveys to ensure that access points are optimally placed to meet coverage and density requirements. CTI personnel will perform an analysis of current coverage areas to review the current infrastructure and recommend strategies to remediate service degradation and coverage gaps.

SHIELDWireless Express

CTI's SHIELDWireless Express offers foundational wireless analysis through a predictive site survey. First, architectural drawings of the coverage area are imported into a specialized site survey application. Virtual representations of the recommended access point models are then created and overlaid on the drawings to simulate wireless service in the coverage area. SHIELDWireless Express is a great starting point for organizations seeking to evaluate wireless service for the first time or for those seeking to expand an existing deployment into a new coverage area with minimal expense.

SECURITY HEALTHCHECKS | INTERNAL EVALUATIONS | LOGISTICAL DOCUMENTATION

ASSESSMENT TIER COMPARISON

	SHIELDWireless Express	SHIELDWireless Core	SHIELDWireless Pro
Level of customer participation required?	Minimal	Moderate	Moderate
Review of current infrastructure included?	No	Yes	Optional
Number of locations / floors / buildings evaluated?	Designated by Assessment Scope		
Review of current wireless configuration?	No	Yes	No
Predictive wireless analysis included?	Yes	Optional	Optional
Site survey walkthroughs included?	No	Yes	Yes
Detailed wireless network documentation included?	Optional	Yes	Yes
Average assessment duration?*	1-4 days	4-10 days	1-3 weeks
Delivery meeting included?	Yes	Yes	Yes

*Average assessment duration can vary widely depending on the number of locations / floors / buildings