ScanSource Security offers the complete life cycle of WIFI services to help resellers accurately plan and deploy 802.11a/b/g/n WIFI networks.

WIFI On-Site Survey
The On-Site Survey is conducted at the client site and is designed to verify the virtual design. APs are mounted, factual data is gathered and further studied in a WIFI simulation tool.

Spectrum Survey
A Spectrum Survey identifies each spectrum device that is causing WIFI interference within the deployment coverage area. This included items like cordless phones, microwaves, high-voltage lines, Bluetooth device and X-Ray equipment.

Outdoor Site Survey
An Outdoor Site Survey is a passive Site Survey performed on an outdoor point-to-point wireless WAN link. Access points and antennae are mounted to confirm line-of-sight access while gathering RF signal measurements from point to point.

WIFI Implementation
Implementation includes the programming of Access Points, Controllers and POE switches. Implementation also include the installation of Access Points, Controllers, POE switches, antennae, cabling, mounting equipment, enclosures, towers, mounts, masts, lightning arrestors, and other equipment needed for the WIFI network to function.

WIFI Performance Audit
This is a post deployment optimization offer. Active AP association is executed to identify RF interference, traffic/infrastructure overloads, hardware failures and connectivity issues.

WIFI Security Audit
This is a post deployment optimization offer. Identifies dozens of wireless intrusions and hacking strategies, including Rogue devices, Denial-of-Service attacks, Dictionary Attacks, Faked APs, RF Jamming, and "Stumbler" tools.

WIFI Voice-over-IP Assessment
Audit your WLAN to verify that all Quality-of-Service and 802.11e settings are configured correctly and QoS traffic problems identified. Measure MoS score, out-of-order packets, jitter, fragmentation and number of calls per AP.