

# WIRELESS IMPLEMENTATION

## PROFESSIONAL SERVICES

# Wireless LAN Implementations Professional Services

Code: PS-INS-IMP-01

### Overview

PT. Autojaya Idetech/PT. Solusi Periferal's Professional Services experts will work with you to determine the best plan for implementing Wireless LAN (WLAN) in your environment while minimizing the burden on your IT staff.

Our Professional Services will ensure your WLAN system is installed, configured, and provisioned correctly the first time. At the end, your team will be capable of using the solution to solve troublesome WLAN network and application issues. You will be able to baseline your WLAN performance and create custom real time and historical reports for your peers or upper management. The Professional Services package will prepare your team to support future WLAN network and application deployments and ensure the tool is utilized to its fullest potential. Our Professional Services Engineer will complete the following tasks:



### WLAN Controller Appliance Installation & Configuration

The Professional Services Engineer will work with the customer to:

- ▶ Create a site, SSID, subnet and subnet mask spreadsheet for all of the WLAN network locations
- ▶ Provisioning thin Access Points using wizards and the GUI
- ▶ Implementing network firewalls through WLAN Controller roles and policies
- ▶ Implementing various WLAN authentication policies including most secure IEEE 802.1x standard security and guest authentication base on customer requirement
- ▶ Verify the WLAN Controller appliance are physically connected, IP addressed and configured correctly
- ▶ Verify the WLAN security is configured correctly and running properly
- ▶ Overview of WLAN Controller operations and maintenance procedures and commands

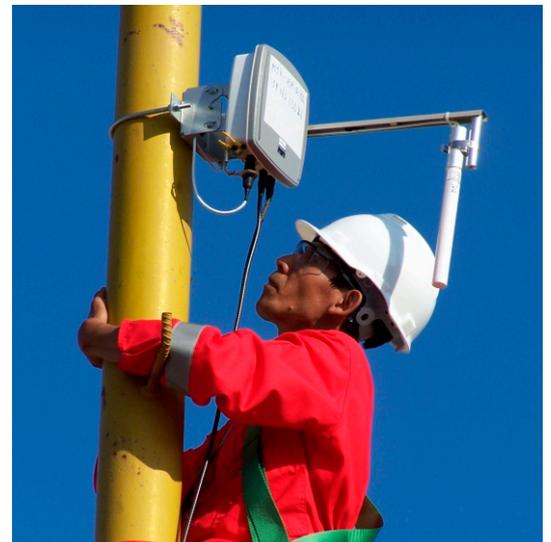
### Access Point Installation

The installation phase is the most physically demanding phase of the project. Using the site survey report, the installation should be a smooth process.

The access points and antennas will be installed in the facility using the marked up drawing made after the site survey. Usually, the higher the access points and antennas are mounted, the better the signal will propagate. This will require the installer to have the ability to reach the support joists for the ceiling or roof.

Some of the activities that will take place during the installation include but are not limited to:

- ▶ Mounting of access points
- ▶ Installation of enclosures on case-by-case basis
- ▶ Mounting of antennas



- ▶ Connection of antennas to access points
- ▶ Connection of power to access points
- ▶ Installation and connection of remote power system
- ▶ Verification of coverage
- ▶ Configuration of access points and PDT's to include:
  - ▼ Proper firmware level
  - ▼ Radio information (system ID, channel, bit rate)
  - ▼ IP addresses (provided by customer)
  - ▼ Verification of backbone connectivity: Ping access points Ping host

All cabling and power runs should be done and tested prior to the installation of the access points. After completing the installation, testing for proper operation and coverage may indicate the need to move access points and possibly use different settings. Finally, documentation on all the system hardware and software will be provided to the IT staff as an aid to be used when supporting the operational system.

### Knowledge Transfer

Prior to concluding the engagement our professional service engineer will conduct a knowledge transfer session with your staff. We will review how to administer and use the WLAN system with the customer's staff. We will provide a WLAN network health check and review common WLAN network and performance. We will also review workflow best practices.



### Deliverables and Leave-behind Items

The following deliverables will be left with the customer at the conclusion of the engagement :

- ▶ User Acceptance Test (UAT) check list
- ▶ End of engagement report out
- ▶ Comprehensive configuration documentation including a spreadsheet that details:
  - ▼ Login and Password summary
  - ▼ Controller and access points serial numbers
  - ▼ IP addressing scheme
  - ▼ Complete WLAN Controller and access points configuration settings
  - ▼ License keys, etc
- ▶ Backup running configuration
- ▶ Project management documentation



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