

# PROXIM CERTIFIED WI-FI ENGINEER

## ● Objective

This class explains the details of the IEEE 802.11 family of protocols, including 802.11b, 802.11a and g solutions and products. It covers the design and configuration of 802.11 networks, coverage analysis and site survey techniques.

Emphasis on security features, Radius based authentication, 802.1x and WPA solutions, and the use of multiple SSID/VLAN pairs per Radio and "per VLAN" security settings.

The class includes hands on practice about product configuration and security Labs.

## ● Class Summary

This course will offer an instructor-led classroom experience with supporting lab exercises.

## ● Class Content

- ✍ Introduction to Wireless LANs, Topologies and typical Applications
- ✍ IEEE 802.11 Standards and technical concepts
- ✍ Wireless LAN Security
- ✍ ORiNOCO Clients
- ✍ ORiNOCO AP-4000, AP700
- ✍ Site Survey and Ekahau
- ✍ Network Management Tools, Wavelink Mobile Manager
- ✍ WiFi Alliance
- ✍ Smart Wireless Controller and Roaming across VLANs
- ✍ Mesh
- ✍ Installation and Product details (usually covered during the Labs)

Student laptops are required. CD-R drive is required.

## ● Who Should Attend

Anyone who will install, configure, or perform site surveys for Proxim's ORiNOCO Products.

## ● Prerequisites

Good understanding of TCP/IP and networking basics including bridging, routing, VLANs, driver installation and configuration.

### Course Duration

1 day

### Course Cost

R1499.00 Excl. VAT per person per

### Contact

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CTN: 021 423 7115

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