

## 3-DAY TRAINING: Lancom WLAN Specialist

This workshop provides all the important knowledge necessary for the planning, commissioning and administration of professional network structures with LANCOM devices. No prior Wi-Fi knowledge is required for this course. This is a three-day training course with both theory and exercises.



### WHAT CAN YOU LEARN IN THIS TRAINING?

Designed for network professionals responsible for managing and supporting wireless LAN networks, this course will provide you with the information and skills necessary to gain an understanding of Lancom Systems wireless LAN products.

### Audience

This technical training is intended for resellers and end-users with little Lancom knowledge, to learn the features of Lancom WLAN.

### Prerequisites

In order to participate in the labs, each student must bring their own Wi-Fi enabled laptop with wireless drivers.

### Objective

In this training you'll learn how to configure, monitor and troubleshoot the various components of a Lancom Systems wireless network.

### FULL AGENDA

#### Day 1

- Agenda and introduction
- Product overview
- WLAN standards and fundamentals
- Wireless security
- Working with LANconfig / LANmonitor
- Comparison of 2.4-GHz and 5-GHz frequency bands
- Multi SSID and ARF
- WLANmonitor and other tools
- Antenna technology

#### Day 2

- Wireless Outdoor
- WLAN point-to-point connections
- RADIUS
- LANCOM WLAN Controller – Principles
- CAPWAP standard and certificates
- LANCOM Enhanced Passphrase Security (LEPS)
- LANCOM Public Spot
- WLAN troubleshooting checklist
- IEEE Standards

### SOLUTIONS



- **PLANNING**
- **WI-FI DESIGN**
- **ADMINISTRATION**

### PRICING

	List Price
LANCOM WLAN Specialist Training	
KD Training Center	€ 2100 p.p.
If external location	+ € 100 / day

More info and training dates:  
[www.kappadata.eu/services/trainings](http://www.kappadata.eu/services/trainings)



THE ART OF

IT INFRASTRUCTURE AND SECURITY DISTRIBUTION

- Channels 2.4GHz & 5GHz
- Comparing frequency bands (2.4 vs 5GHz)
- MIMO / OFDM / Modulation
- Roaming

### Day 3

- Multi SSID with WLC tunnel
- Multi-site WLAN management
- VLAN
- Redundancy
- LANCOM Active Radio Control
- LANCOM Management Cloud
- Scenario

### Methodology

This is a 3 day, classroom based course with both theory and exercises.

### Practicalities

Lunch is included in the training.

### Trainer

Dries Velle is support engineer at Kappa Data and has years of experience with Wi-Fi networks, both in configuring and troubleshooting.

### Evaluation

Evaluation is a continuous process by Kappa Data, so your feedback will be asked during the training. At the end of the training you will also receive a full survey where you can add your feedback.