



Fundamentals of Wireless Networking 1 day course

Overview

IP technology and security surveillance systems can avail of wireless networking options to best exploit specific sites and situations. This can often be a more cost effective approach to configuring an IP video surveillance network than traditional methods. With the convergence of IP technology and hardware systems, integrating systems over wireless networks creates overall IT efficiency reducing the Total Cost of Ownership.

Objective

This course enables participants to understand wireless networking, topologies, planning, network security and troubleshooting. On completion of the course, participants will be able to design and configure a wireless network specifically oriented to IP surveillance and integrated security systems.

Key Elements

Types of Wireless Topologies & Frequencies

- Wireless topologies suited for video surveillance networks
- Licensed and Unlicensed networks
- 80211A/B/G/N frequency options

Planning a wireless network

- Bandwidth considerations
- Latency
- Interference
- Redundancy

Network security

- MAC address filtering
- WEP/WPA/WPA2
- Network visibility
- System Logs

Troubleshooting

- Measuring bandwidth
- Testing for interference
- Visual inspection

Who is this course for?

CCTV installers, engineers, sales people and people who have completed the Intro to IP and Hands on computer networking courses

Course objectives

Learn how to plan, design and configure a wireless network. Understand common troubleshooting queries.

Qualification

NIPX certificate

Course Location

National IP Experience Centre, Westland House, Westland Business Park, Nangor Road, Dublin 12

Cost

€295

Related Training Courses

- PC & Server Maintenance

Time: 9:00 – 17.30. Tea/Coffee breaks morning/afternoon. Lunch 12.45 -13.45 (Lunch provided) - Free Wi-Fi access available during lunch hour.

Venue Location: National IP Experience Centre (NIPX), GVD Ltd. Westland House, Westland Business Park, Nangor Road, Dublin 12.



BOOKING FORM

Complete form below and email info@gvd.ie or FAX to 01 – 4242264

Course Name	Fundamentals of Wireless Networking		
Date			
Cost per participant	€295.00		
Number of participants			
Total Cost	€		
	Participant #1 details	Participant #2 details	
First name			
Surname			
Email			
	Participant #3 details	Participant #4 details	
First name			
Surname			
Email			
CREDIT CARD DETAILS			
Name on Card			
Card Type	Visa <input type="checkbox"/> Mastercard <input type="checkbox"/> American Express <input type="checkbox"/> Laser <input type="checkbox"/>		
Card Number			
	Expiry Date		CCV Number
AGREED BY			
Name			
Position			
Company			
Phone			
Email			
Date			

Terms:

In order to ensure places on the course 50% of the course fee is payable in advance by credit card/cheque when booking.
Cancellation Fee: If the client cancels attendance at a course, notification must be provided **10 working days in advance** otherwise the remaining 50% will be billable with immediate terms for payment. The client can rearrange attendance at a course subject to availability but must give 10 working days notice.