



Computer Networking – Hands On Basics 1 day course

Overview

The security industry is changing rapidly whereby traditional CCTV systems are being combined with IP cameras over an IP network to create hybrid surveillance systems. In more and more instances, tenders are specifying for solely IP based video surveillance systems. This has created new opportunities to integrate security systems into existing data networks using well established technologies. In order to continue to compete and to increase business, security solution providers are taking courses with GVD to train their businesses in IP networking & video surveillance over IP.

Objective

This course enables participants to get hands on practical knowledge of setting up an IP network, connecting cameras and hardware, installing firewalls and trouble shooting.

Key Elements

Network Planning

- LAN and WAN equipment
- TCP/IP network configuration
- Wireless
- Network Monitoring
- Troubleshooting

Connecting hardware

- Cameras
- Switches
- Servers
- Routers
- POE (Power of Ethernet)
- Storage devices

Network Security

- Firewall set up
- Port Forwarding set up

Video and Event transmission over the network

- Bandwidth requirements
- Cat 5e/6/6a
- Fibre Optics
- Free Space Optics
- CCTV over Wireless LANs
- Fallback strategies
- Redundancy

Time: 9:00 – 16.30. 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.

Who is this course for?

CCTV installers, engineers, anybody thinking of getting into IP video surveillance, people who have completed the Intro to IP course

Course objectives

Practical hands on training for setting up IP networks. Learn how to connect cameras, switches and servers over IP. Understand common troubleshooting queries.

Qualification

nIPx certificate

Course Location

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

Cost

€345

Related Training Courses

- Wireless Networking
- PC & Server Maintenance





BOOKING FORM

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

Course Name	Computer Networking – Hands On Basics		
Date			
Cost per participant	€345.00		
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.