

## PC & Server Maintenance 1 day course

### Overview

IP technology and security surveillance systems is best catered for by using PCs and Servers rather than DVRs or NVRs. PCs & Servers allow for more systems integration on the IP platform. GVD has extensive experience in building, maintaining and integrating PCs and servers. We are bringing this IT experience to the security solutions industry.

### Objective

This course enables participants to get hands on practical knowledge of building and maintaining PCs & servers. On completion of the course, participants will know the correct storage settings and troubleshooting techniques specifically oriented to IP surveillance and integrated systems.

### Key Elements

#### PC / Server Design

- Calculate computing power & storage
- Types of Redundancy in Computers (Power/RAID)
- Operating System Options (Server/Workstation)
- Types of machines (Desktop/Tower/Rack Mount)

#### Recognizing parts and their function

- Motherboard (Expansion slots)
- Processor
- RAM (Random Access Memory)
- Storage (Hard drives)
- Power

#### Storage - RAID - 0,1,5,6,10

- Installing RAID cards
- Configuring RAID system
- Types of storage
  - Network Attached Storage (NAS)
  - Direct Attached Storage (DAS)
  - iSCSI (Internet Small Computer System Interface)
- Advantages/Disadvantages of different RAID levels

#### Troubleshooting & Tips

- Using system logs
- Manufacturer's tools
- Software options
- Do's and Don'ts of Computing
- 

**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.

### 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

Practical hands on training for building & maintaining PCs & Servers. Learn PC/Server design, recognizing parts & functions, and storage. Understand common troubleshooting queries.

### Qualification

NIPX certificate

### Course Location

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

### Cost

€375

### Related Training Courses

- Wireless Networking



## BOOKING FORM

Complete form below and email [info@gvd.ie](mailto:info@gvd.ie) or FAX to 01 – 4242264

<b>Course Name</b>	<b>PC &amp; Server Maintenance</b>		
<b>Date</b>			
<b>Cost per participant</b>	€375.00		
<b>Number of participants</b>			
<b>Total Cost</b>	€		
	<b>Participant #1 details</b>	<b>Participant #2 details</b>	
<b>First name</b>			
<b>Surname</b>			
<b>Email</b>			
	<b>Participant #3 details</b>	<b>Participant #4 details</b>	
<b>First name</b>			
<b>Surname</b>			
<b>Email</b>			
<b>CREDIT CARD DETAILS</b>			
<b>Name on Card</b>			
<b>Card Type</b>	Visa <input type="checkbox"/> Mastercard <input type="checkbox"/> American Express <input type="checkbox"/> Laser <input type="checkbox"/>		
<b>Card Number</b>			
	<b>Expiry Date</b>	<b>CCV Number</b>	
<b>AGREED BY</b>			
<b>Name</b>			
<b>Position</b>			
<b>Company</b>			
<b>Phone</b>			
<b>Email</b>			
<b>Date</b>			

**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.

GVD Ltd. | Westland House | Westland Business Park | Nangor Road | Dublin 12  
 Main 353 1 4659056 | [info@gvd.ie](mailto:info@gvd.ie) | [www.gvd.ie](http://www.gvd.ie)  
 Gordon Smith | Managing Director                      Owen O'Connor | Technical Director