

# Network General Sniffer 4.x – Training Program

*Note this course can be run as a 'closed session' for a single organisation if required.*

## Location

- On-site or the Milton Keynes Regus Training Facility

### Benefits of On-Site training:

- Reduce traveling for employees
- Training on customers equipment
- Confirm installation and configuration
- Set up example reports and configs on real management system
- Load custom MIBs for equipment actually in use on site

### Benefits of training at MK:

- Less interruptions
- Lab conditions using
  - Cisco Catalyst switches
  - Cisco Routers
  - Cisco Aironet Wireless AP
  - Windows 2003 Server with SQL and Exchange.
  - SNMP Simulation of multi-node network.

## Topics covered

- **Sniffer Pro overview**
  - Toolbars
  - Generating traffic
- **Monitoring Applications**
  - Dashboard
  - Host Table
  - Matrix Table
  - ART
  - History Reports
  - Protocol Distribution
  - Global Statistics
  - Alarms
  - Sniffer's configuration options
- **Understanding where to place Sniffer and what to do with it**
  - Baselineing
  - Benchmarking
  - Traffic Generation
  - Anomaly Detection
  - Fault Determination
- **Expert Sniffer**
  - Expert Sniffer Model
  - Troubleshooting using Sniffer
  - Analysis of each Expert layer
  - Configuring Expert Thresholds
  - Expert Examples
- **Sniffer Reporter**
  - How Reporter works
  - Setting up reporter
  - Generation Reports
- **Capture and Display**
  - Navigation Tips
  - Setting and using Capture Filters
  - Display and Monitor Filters
- **Advanced Features**
  - Real time Vs Buffer Views
  - Visual Filters
  - Address Book
  - Triggers
  - Protocol Forcing
- **Switch Expert**
  - Concepts
  - Installing
  - Configuration
  - Using Switch Expert
- **TCP/IP**
  - Transmission Control Protocol
    - Portals
    - Sockets
    - Segments
    - 3 way handshake
    - Flow Control
    - TCP Fields
  - User Datagram Protocol
  - DHCP
  - IP
  - ICMP
  - IP Fragmentation
- **Frame Types**
  - 802.2, 802.3 and Ethernet II
- **Examples**

## Duration

- One Day

## Principal Consultant

- Clive Taylor

## Certification

- There is no certification associated with this course.

## Documentation

- Training materials are provided per student and a resource CD per course



## Who should attend

- This course is designed for network administrators and those involved with day to day operation of the companies networks.

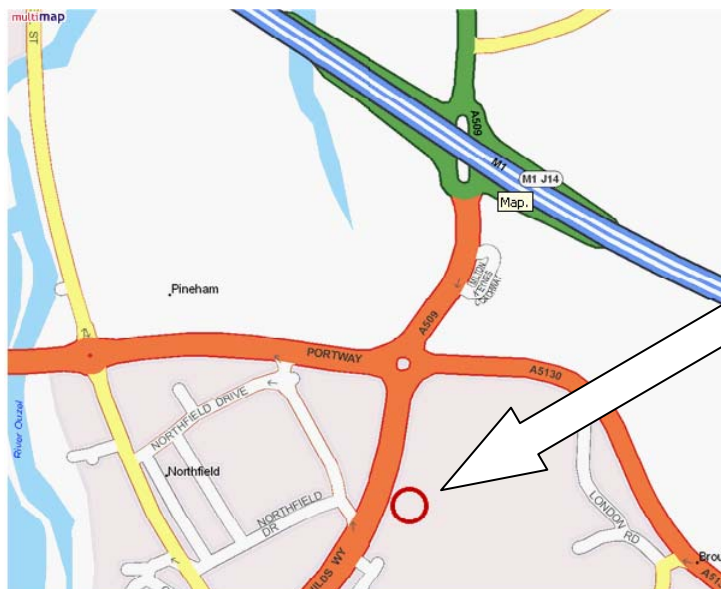
## Pre-requisites

- Delegates should have a system level knowledge of their network Infrastructure.

## Milton Keynes Training – Directions by road

If traveling from the M1 Motorway, come off at J14 and head toward Milton Keynes center.

Go over the first roundabout on to 'Childs Way' – the Regus Building is on the Left hand side



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