



SBL offers training, consultancy and services to meet all your IT and IA needs...

Secure WiFi in a Day

Many organisations are now agonising over WiFi - use it or ban it?

SBL has developed this course to make it easier to identify the issues and make an informed decision after just a days training.

Course Content Overview

- Common Threats
- WiFi - an Overview
- Vulnerabilities
- Counter measures
- Basic security
- Advanced security
- Monitoring and checking
- Solutions and techniques
- Security policies

This course is based upon components of the industry standard WiFi certification requirements, and demonstrates industry best practices for securing a wireless network.

One of the original six companies within the UK providing certified training and WiFi solutions, SBL tailors its services around quality not quantity.

This one-day course should be viewed as a way of gaining a better understanding of wireless security - the issues, the risks and the solutions.



Details

Course: Secure WiFi in a Day

Duration: 1 Day

Cost: £400 per delegate

Location: SBL, York or customer site. Contact us on 01347 812100 to discuss holding a training course at your site.

Please note that all of our training courses can be tailored to meet your specific needs - to discuss further contact us on 01347 812100.

How to Book

To book a place on this course, or for further information, simply email us on training@softbox.co.uk or phone **01347 812100**.



For more information on this or any of our courses, talk to your SBL account manager or contact us on
Tel: 01347 812100 **Email: training@softbox.co.uk**



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Agenda

General Introduction - Course Instructor

- Introduction to the Instructor
- Course objectives
- Your objectives
- Who and what are SBL?

WiFi - A Quick Revision

- Regulatory control
- IEEE
- WiFi
- 802.11
- Equipment
- Antennas
- Basic service sets
- Access point (AP) modes

WiFi Vulnerabilities

- Examples of attacks
- War chalking
- Eavesdropping
- Denial of service
- Jamming
- Rogue devices
- Peer-to-peer
- Unauthorised control
- Hijacking
- Data theft/insertion
- Third party attacks

WiFi Counter Measures

- Policy
- Security solutions
- Encryption types
- EAP
- 802.11i
- Virtual Private Networks (VPNs)
- Segmentation
- Authentication

WiFi Basic Security

- Baseline practice
- Service set identifier

WiFi Basic Security (Continued)...

- MAC filters
- WEP
- Inventory
- Bridge security
- Cell sizing
- Services
- Industry regulations

WiFi Advanced Security

- Virtual Private Networks (VPNs)
- 802.1x
- EAP
- TKIP & MIC
- WPA
- 802.11i

WiFi Monitoring and Checking

- Monitoring and checking
- Physical security
- Intruder Detection Systems (IDS)
 - Air Defence
 - Blue Socket
- Social engineering
- Reporting
- Audit/inventory

WiFi Solutions and Techniques

- Wireless segmentation
- Redundancy
- Network address translation
- NAPT
- Layering
- Demilitarized Zones (DMZ)

WiFi Security Policies

- Where to start
- Risk assessment
- Impact analysis
- Security auditing
- Ask yourself?

Continued.....

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