



» SERVICES



THE QUEEN'S AWARDS
FOR ENTERPRISE:
INTERNATIONAL TRADE
2007



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Category 'Best
Security Company'

Technical
Security
Training

Technical Security Training

In the ever-escalating arms race of information security, an organisations front line troops are their security and development teams. With new vulnerabilities being discovered on a daily basis and attack methodologies changing monthly, it is vital that organisations ensure their key staff have the up to date knowledge and experience to thwart the current range of threats.

Working closely with our clients' security and software development teams, NGSConsulting provide advanced security knowledge and expertise directly to those personnel working to secure corporate business systems. Whether through one-on-one training, custom courses or consultative project workshops; world-renowned consultants from NGSSoftware work with the client on elevating their employee's technical security prowess, ensuring a cost-effective transfer of knowledge.

NGSSoftware are world leaders in the fields of security auditing, penetration testing and application vulnerability discovery. This unique skill set affords NGSConsulting the ability to provide our clients with expert knowledge, and offer an excellent return on investment.

» Specialist Training Options

The training offered by NGSConsulting covers both the theory behind various digital defence strategies (including techniques that may be employed by malicious users) and the intruders who attempt to subvert them.

NGSConsulting offers a broad portfolio of training options to meet our client's range of requirements. Typical technical security training offerings include (but are not limited to):

» Formal Courses

- » **Penetration Testing** - Specialist courses designed to train internal security staff in the finer points of penetration testing and to understand the 'attacker' mindset.
- » **Secure Development Techniques** - A range of courses designed to teach development staff secure coding practices and understand the threats their software must protect against.
- » **Software Security Training** - Courses geared towards internal QA and testing teams that wish to incorporate aspects of secure development into their testing cycle and lower the burden on security department resources.
- » **NGSSoftware's Tools** - A selection of both basic and advanced courses in how to get the most from NGSSoftware's range of security assessment tools.

» 1-on-1 Training

- » **Security Assessment Techniques** - Topics ranging from passive information gathering techniques through to vulnerability discovery and impact analysis.
- » **Understanding Application Level Threats** - Topics include compiled and web-based attack techniques through to key mitigation techniques.
- » **Advanced Vulnerability Discovery** - Bug-hunting your own software.
- » **NGSSoftware's Tools Unleashed** - Advanced techniques in using NGSSoftware's commercial security assessment tools.

» Workshops and Seminars

- » **Infrastructure Architecture Design** - Advice and discussion on how to design and deploy complex systems in a secure manner.
- » **Software Architecture Design** - Advice and discussion on how to design secure software and understand application-level threats.
- » **Secure Coding Practices** - Cutting-edge code-level advice and discussion on secure techniques.
- » **Advanced Software Hacking Techniques** - Understanding and replicating the methods hackers use to break software.
- » **Exploiting Vulnerabilities and Writing Shell Code** - The ultimate in cutting-edge hacking techniques.
- » **Database Hardening Techniques** - Specialist advice and discussion on securing an organisations most valuable data repository.
- » **Secure System Deployment and Host Hardening** - The latest techniques and technical advice in securing critical infrastructure hosts.



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» Benefits

NGSConsulting's Technical Security Training offers a number of key benefits to potential clients, these include:

- » Access to world-leading security consultants and researchers with the wealth of experience they can provide.
- » Customised training solutions to cater for all levels of technical or security skill.
- » Consultants and researchers with front-line experience dealing with the latest security threats conduct the training instead of delegating to non-technical trainers.
- » Privileged insight to the techniques used by NGSResearch to discover the latest generation of security vulnerabilities.
- » Flexible course outlines allows for tuning the training to meet clients' explicit requirements and maximise knowledge transfer.
- » NGSConsulting is able to offer onsite training at any nominated client site.
- » A consulting team that leads the world in the field of vulnerability research and penetration testing.
- » NGSSoftware's consultants regularly present by invitation to the CESG (GCHQ), and the US Department of Defense. Team members also present at Black Hat Security Briefings, UNCON and the NCN Security Conference.

» Deliverables

The deliverables of a training engagement are highly dependant upon the nature and duration of the event.

- » For dedicated courses, attendees will be provided with bound course notes and have access to interactive test environments to trial and tune their newly developed security skills.
- » All seminar attendees are provided with copies of the presentation and a CD containing whitepapers, advisories and evaluation versions of NGSSoftware's best-of-breed tools.
- » At the conclusion of a technical workshop, NGSConsulting will provide a formal report of the engagement supporting the discussions and decisions reached.
- » In some cases, clients may feel that specialist security knowledge transfer can be supplied through "shoulder-surfing" during real consulting engagements or with internal staff working in parallel with NGSSoftware's consultants. NGSConsulting actively encourages and promotes this activity as an addition to our dedicated training services.

If you feel that your organisation could benefit from increasing the technical security knowledge of your staff by making use of NGSSoftware's world-renowned consulting expertise, please contact info@ngsconsulting.com to discuss your requirements in further detail.

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