



Cyber Training Services



95% of all cyber security breaches are due to human error¹



2/3 malware are installed via email attachments²



0.07 seconds are needed to successfully complete a 6-character password hack³

GENERAL STAFF TRAINING – HACKING HUMANS

Today, more than 70% of security breaches occur from within the organization. Unprepared and unaware staff are in the vast majority of cases ill-equipped to deal with the craftiness of today's modern cyber attackers. Security defense technologies do not provide an ultimate solution against growing security threats, which is why a Security Awareness Program is a critical element of any organization's information security strategy. Hacking humans is a substantially easier means of entry for cyber criminals than trying to bypass sophisticated IT security defence solutions.

BDO Cyber and Forensics Lab can help your organisation fight cybercrime strategically and beyond the scope of technology. We cover the basics of keeping information safe both within the company, and in your staff's personal lives. Presented from the point of view of the "hacker", we illustrate with examples, different exploits used in order to gain unauthorized access to resources. While heavily focused on social engineering, it also covers many of the other vulnerabilities users present.

The training is delivered in a simple, direct and engaging manner. We pride ourselves in staying in touch with the latest attack vectors and constantly update the course material with recent information and industry news. The training is customized so that it is relevant to the audience and above all it is practical, allowing the audience to apply in their workplace all that has been learnt during the sessions. Protect your company's reputation, competitive advantage and operational stability against cyber-attacks with BDO's effective cyber security awareness training.

THE TRAINERS



Rudi Dicks has more than 15 years of experience in network design and server administration with a focus on information security. He has conducted penetration tests for multiples top 100 companies and multi-national organizations. He is backed by the following certifications: CompTIA A+; CompTIA Security+; Microsoft Certified Systems Engineer (MCSE); Cisco Certified Network Associate (CCNA); Certified Ethical Hacker (CEH); Offensive Security Certified Professional (OSCP). Rudi has a strong understanding of how information security relates to business risk and is able to easily communicate in both extremely technical terms, as well as in more simplistic terms, providing very meaningful in sight to executive and senior management



Georgia Adams, backed by a MCOMM in Information Systems, comes with eighteen years of experience in the IT industry, with exposure to a wide spectrum of activities, ranging from business analysis, programming, development, training (both instructor led and computer based training), knowledge management, organizational change management, project management and general IT management. Georgia has also served as an Associate Lecturer at the University of the Witwatersrand for 3 years. She is currently serving BDO's Cyber Lab as a project manager and has undertaken Cyber Awareness Training under her portfolio.

TOPICS COVERED

- ▶ Social engineering (Extensive)
- ▶ Physical Security
- ▶ Malware
- ▶ Identity theft
- ▶ Good passwords vs bad passwords
- ▶ Basics of PKI and certificates
- ▶ Cryptography basics
- ▶ Mobile security
- ▶ Email security
- ▶ Social networking
- ▶ Cookies
- ▶ Wireless Remote access and VPN
- ▶ Incident response
- ▶ Environmental controls
- ▶ Downloading and installing software (licensing/malware/bloatware/key loggers/botnets)
- ▶ Importance of updates
- ▶ Case studies
- ▶ Q and A

BENEFITS

- ▶ Pro-actively develop a vigilant and resilient workforce
- ▶ Empower employees to use good judgement with company resources
- ▶ Protect the organisation's resource from the inside out
- ▶ Detect and contain systems breach attempts earlier
- ▶ Build a solid perimeter defense and monitoring solution

¹ <https://securityintelligence.com/the-role-of-human-error-in-successful-security-attacks/>
² <http://www.verizonenterprise.com/verizon-insights-lab/dbir/2017/>
³ https://www.gosecuritystandards.org/pdfs/its_time_to_change_your_password_infographic.pdf

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