BARCLAYS

RANGEFORCE

CASE STUDY

HOW 400 SECURITY PROFESSIONALS UPGRADED THEIR CYBER-SKILLS WITH THE RANGEFORCE TRAINING PLATFORM

BARCLAYS

British multinational investment bank and financial services organization (HQ London).

REQUIREMENTS

- Measurable assessment of continuously improving security skills.
- Development of new cybersecurity skills based on the latest attacks.
- Immersive cybersecurity training delivering real-world experience and knowledge.

ACHIEVEMENTS

- A broader demonstrative knowledge of cybersecurity challenges.
- Improved security culture, coordination, and cooperation across global teams.
- Improvement in the rectification of security flaws and weaknesses.
- Measurable, continuous improvement of individual cybersecurity skills.

CHALLENGE

As an international bank, Barclays realized it needed to invest more in its information security training to minimize risk and ensure business continuity by proactively limiting the impact of a security breach.

"This is one of the most informative and interactive learning experiences I've gotten to partake in during my time at Barclays."
- IT professional

To achieve this, Barclays searched for an innovative training solution that would help them understand and measure their cybersecurity teams' skills and improvements while also enhancing team collaboration, and providing hands-on security training that covered the very latest types of cyberattacks.

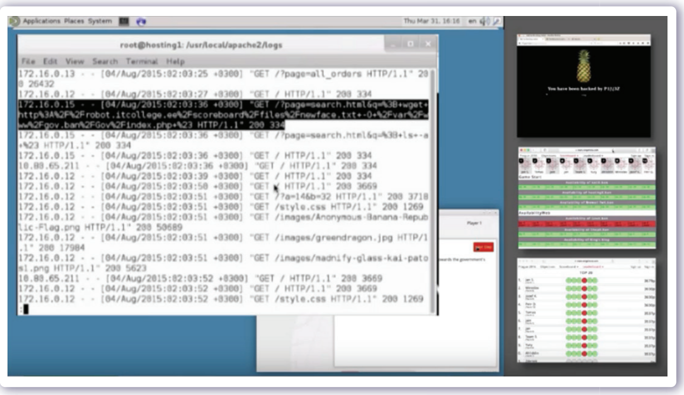
SOLUTION

RangeForce's training platform delivers a persistent, individual-focused online curriculum based on organizational needs. The curriculum covers OWASP TOP 10 and PCI-DSS topics as well as advanced modules for web application, network, and host security, forensics, and incident response.

The platform includes comprehensive reporting that enables managers to understand individual and team proficiency across cybersecurity skillsets.

RangeForce cyber sieges immerse teams in a real-world cyberattack simulations. The high-intensity atmosphere created by cyber sieges enhances both individual learning and cross-team collaboration. Sieges quickly uncover gaps and weaknesses in existing security skills and processes. These weak points are then fed back into the RangeForce training platform to drive a continuous learning process.

"These sessions are very educational. Having to learn under intense pressure and a timer is also a great exercise. It would be great to have RangeForce available as an ongoing training resource." - IT professional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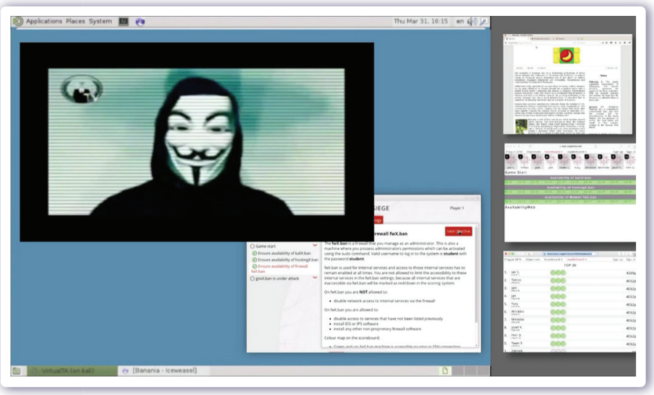

RESULTS

Since 2015, RangeForce has trained over 400 Barclays IT and security professionals from Cape Town, Prague, London, and NYC. Barclays utilizes the RangeForce training platform to upskill its entire cybersecurity team's capabilities while unifying training standards across all of its locations around the world.

RangeForce cyber siege simulations are regularly used by Barclays to measure the companies ability to respond to cyberattacks while ensuring IT staff can effectively operate together when confronting the most dangerous adversaries under high-stress environments.

SIEGE MODULES

OWASP, SQLi, XSS, CSRF, DOS, WAF, mod security, rootkit, IDS, Suricata, SNORT, Bro, OSSEC, nmap, KALI, Linux, SSH, DNS, IP, Cookies, SSL, shellshock.

During cyber sieges, Barclays' technical staff learns their strengths and weakness, and the consequence of cybersecurity failures. From the lessons learned, custom training modules are created in RangeForce to improve individual skills. Barclay's also utilizes team competitions to increase motivation and encourage cooperation.

Management receives real-time overviews and valuable insight into critical cybersecurity metrics and skill levels, which has improved process, training, and culture across the security team. Barclays also identifies top-performing security team members with an aptitude for advanced learning and moves these people into positions of greater responsibility.