



Red Teaming

Why is Red Teaming a good idea?

They say the best form of defence is attack and Red Teaming is just that – a simulated (ie. friendly) cyber-attack on your organisation so you can better understand your vulnerabilities and, in turn, remediate them swiftly and smartly.

Sophisticated techniques are used to identify your business attack surface and exploit any weaknesses identified, simulating a modern threat actor who may attempt to compromise your organisation. Any vulnerabilities that can be used to compromise the organisation will be exploited if they provide a legitimate path to the engagement's defined objectives.

Customers are kept fully in the loop with all technical updates, and a final report contains both findings and recommendations on mitigations and/or transformations.

Why Red Teaming from CCL?

The strength of our service is in its scope and its personnel. Not only can our Red Teaming service provide a full comprehensive assessment of your organisation's cyber security technical controls, technical processes and security awareness, it can also provide ongoing support post-assessment via our fully managed SOC service and a range of tailored solutions.

Our lead technical consultants have already earned stand-out reputations for Red Teaming excellence. They have over a decade's experience, carrying out assessments under regulated authorities such as The Bank of England, The Cabinet Office, The National Bank of Belgium, and Hong Kong Monetary Authority.



Top takeaways

- Turnkey cyber security solution, with comprehensive technical and management report proving in-depth situational analysis and next-step options
- Tailored service to support your business and cyber security objectives, with a focus on the 'crown jewels' of an organisation
- Delivered by some of the top talent in the UK - our people are industry leading experts with over 10 years' experience in Red Teaming
- Security cleared and NPPV3 cleared consultants, certified under CREST and CyberScheme authorities
- A cyber specialist rooted in standards - ISO 27001, ISO 9001, CEH, IASME, CREST, CHECK

Deliverables:

- Scoping call with Red Team Leaders to establish requirements and mission objectives, understand business operations, identify future cyber security goals
- Scoping document and price quotation to provide job and cost certainty at the outset
- Initial reconnaissance
- External compromise assessment
- Social engineering assessment
- In-depth Tactical Network Exploitation (TNE) phase (internal)
- Reporting and cleanup phase
- Engagement de-briefing
- Flexible add-ons:
 - Presentation of findings
 - Support with tactical mitigations
 - Support with strategic transformation programmes



Planning

- Initial scoping call to understand client concerns and objectives
- Gain an understanding of the client's security maturity
- Develop scenarios to emulate realistic threats to the organisation



Reconnaissance

- Gain an understanding of the environment, software in use, defence capability
- Identify assets and misconfigurations that may allow a foothold into the organisation



Attack

- Attempt to achieve objectives, whilst also testing Protection, Detection, Response processes and procedures
- Replicate relevant adversary Tactics, Techniques, and Procedures (TTPs), ranging in sophistication from a script kiddie to Advanced Persistent Threat (APT)
- Privilege escalation
- Lateral movement
- Advanced evasion tactics
- Understand the effectiveness of security solutions such as Data Loss Prevention (DLP), endpoint detection software, endpoint configuration
- Attempt to understand the maturity of Blue Team
- Gain access to company crown jewels/objectives defined in the scoping phase



Post-Attack/Reporting

- Highlight attack paths identified
- Tactical and strategic recommendations
- Assist with implementing practical mitigations
- Provide strategic advice and services for transforming cyber security across business



Europe's leading digital forensics, discovery and disclosure, and cyber security specialists.

Our suite of Cyber Services has been designed to give clients all the expertise, responsiveness and assurance they need in the face of increasing cyber risks. The onus is on transparent service offerings and price certainty, the outcome, total peace of mind.

For inquiries, kindly contact us at
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