



Supporting Elcoin Through Penetration Testing



Overview

Founded in 2017, fintech Elcoin have achieved exponential business growth and are already an established provider in the IT service market. They offer flexible automated banking solutions to financial institutions and e-money issuers across the UK.



Challenge

CEO, Sergejs Svircenkovs, recognised the need for an independent validation of Elcoin's security posture across their separate mobile banking, internet banking and back-office CRM servers. They sought a penetration testing partner to provide testing excellence and suitable value for money, where work with previous suppliers had failed to deliver.

Elcoin's requirements included:

- Identification of gaps in their security posture and functions.
- Restriction of access to new platforms and assets.
- Live testing of their new technology.



We applied a strict selection process to vet suitable suppliers. Finding a highly qualified partner was key to our assessment process and market research. So CREST certification was a key attribute of the company we would choose to work with. We needed a high level of knowledge in the banking sector specifically as well as strong professional analytics, therefore we approached several different companies and CyberOne was the only one to fully match our requirements."



At a Glance

Customer: elcoin

Organisation Size: 1-49

Industry: IT Services

Solution: Penetration Testing

Sergejs Svircenkovs, CEO, Elcoin



Solution

The solution included:

- Pre-engagement analysis, detailed intelligence gathering, agreement of scope, methodology and planning controls.
- Vulnerability analysis through active reconnaissance - methods including configuration reviews, port and vulnerability scanning.
- Vulnerability identification and exploitation to confirm the threat level.
- All available means to gain the highest privileges on the vulnerable targets - including misconfigured services and permissions.
- Grey Box penetration testing with code supplied by Elcoin, to help identify threats faster.
- Removal of all scripts, backdoors, .EXE files and user accounts made during the assessment to keep the Elcoin environment clean after the testing.
- Detailed reporting - findings, recommendations and remediations.



Results

Following penetration testing on their mobile banking, internet banking and back-office CRM servers, Elcoin were confident his business was set up for success



Thanks to CyberOne we and our clients can sleep well at night. We would certainly recommend them to other companies like ours and in other industries too - their groundwork was thorough and their technical expertise invaluable - they are a great team to work with."

Sergejs Svircenkovs, CEO, Elcoin



Our account manager helped us pick the most appropriate service and was on hand to support us throughout. We had direct contact with the actual tester, enabling us to easily adjust the testing mid-flight as required. The reports he produced were suitably detailed, but also clear to understand without going too technical.

The service quality delivered was everything we had expected. The whole testing was efficient and cost-effective.

In my view, having penetration testing performed by independent experts like CyberOne is important for every company developing software - your team may be doing a great job, but a third-party professional confirmation provides the added reassurance."

Sergejs Svircenkovs, CEO, Elcoin

About CyberOne

Trusted by some of the most admired brands and organisations, CyberOne is dedicated to delivering end-to-end cyber security to secure mission-critical operations. We combine the best technologies with the brightest talent to deliver solutions tailored to your vision and growth objectives.

From cyber security reviews and remediation, penetration testing, incident response and recovery, to the deployment of integrated security services, Assure 365, our Managed Microsoft Security Service, ensures that your business remains resilient in the face of any threat.

Since 2005, CyberOne's mission has been to make the digital world a safer place, working closely with Microsoft. We measure impact by our ability to reduce business risk and IT downtime. It's about building a secure foundation for your business to thrive, supported by a partnership that enables you to focus on delivering business success, while CyberOne delivers resilience without compromise. Securing today, safeguarding tomorrow.



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