



Penetration Test Attestation

for



API Security Assessment, May 2021

Overview

Arcturus is a leading cyber security consultancy holding CREST and CHECK accreditations. Part of The Cyberfort Group, which brings together leaders in the field of data security, we are built on the four pillars of information security, which we combine to deliver complete data assurance.

SafeToNet commissioned Arcturus to perform a penetration test of their SafeToNet API to provide independent assurance that security controls in place are adequate, have been correctly implemented and are commensurate with the value and nature of the data processed.

Requirements

To deliver this assessment Arcturus carried out both automated and targeted manual penetration testing to attempt to identify any potential or actual vulnerabilities that could threaten the confidentiality, availability and integrity of the information stored and processed by SafeToNet's applications and systems.

Security consultants at Arcturus follow a rigorous testing methodology to ensure that all testing is performed to a very high standard.

Scope of Work

Testing was carried out over several days on the latest version of the SafeToNet API (orbit.safetonet.io) as of 17/05/2021.

Summary of Findings

Overall, the security measures evaluated in the scoped environment were effective. The available data and threat environment at the time of testing indicate that the likelihood of an attacker exploiting any of the system's components is minimal.



Attestation

With this report Arcturus attests that we have penetration tested the API listed in the “Scope of Work” section to expose security weaknesses.

The API security testing identified only one informational finding. Our analysis suggests the vulnerability identified does not represent an imminent risk.

Overall, the security adopted on the tested systems is aligned with industry-accepted practices and is in accordance with widely adopted security standards (OWASP, NIST, OSSTMM).

This certification can be validated by contacting Arcturus Security Ltd. and referencing the number 1267.2.