



Vulnerability Assessment And Penetration Testing

Company Profile

The client is one of the leading diversified industrial manufacturers of specialized environmental cleaning vehicles; as well as safety and security products including audible and visual warning devices. They're operating across 12+ global locations spanning 3 countries.



Industry

Manufacturing



Company Size

5,000+



Location

USA

Key Requirements & Challenges

The client infrastructure consists various technologies such as firewalls, routers, IPS, web and mobile applications, etc. They approached AMBC Security team

- To understand the current level of external risks which may compromise the sensitive data of the customer as well as the organization.
- To perform application penetration testing of 23+ enterprise-level web and mobile apps.

Solution Provided

- o Initial scoping of the network was conducted to map and identify the current network, sensitive assets, entry points, existing security mechanisms, etc.
- o An in-depth security assessment for their Web & mobile apps (Android and iOS), network devices, and systems that belong to different categories such as finance, IoT, indoor navigation, business, and sales are performed.
- o A comprehensive security checklist comprising 50+ security tests for both targeted networks and applications is formulated.
- o Most of the identified vulnerabilities (>60%) were classified based on risk level and explained the impact of the vulnerabilities if getting exploited.

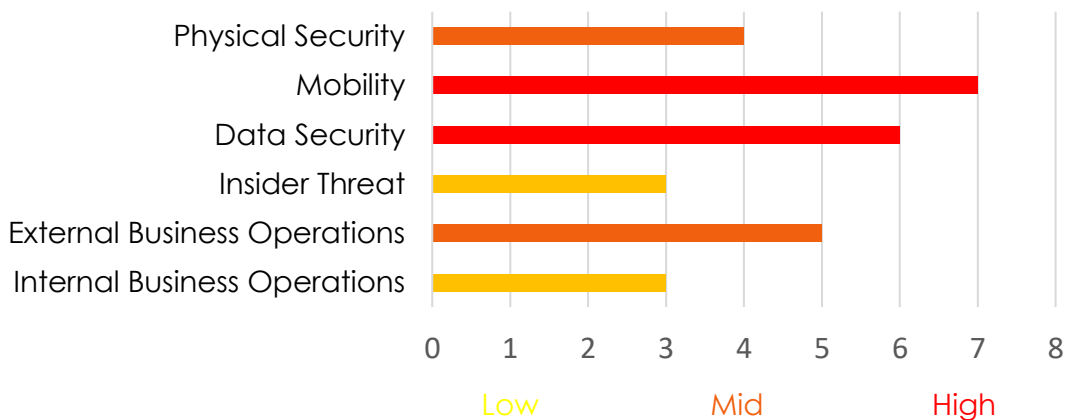
Solution Provided

- Followed the process as below,



- Detailed practical recommendations were provided by the AMBC team to address the critical vulnerabilities in the areas of data storage and forensics.

Vulnerabilities - Risk Level



Security Standards – OSSTMM, OSINT, NIST, ISSAF, CIS and OWASP for Web & Mobile Application Penetration Testing, SANS for Network Penetration Testing.

Tools Used - Burp Suite, ZAP proxy, Iron WASP

Business Impact

- AMBC Pen Test report has given a clear understanding of the identified vulnerabilities and the risk level.
- Penetration Testing Services helped the client to prevent monetary and reputational losses.

About Us

AMBC is a global company spanning across 6 global locations with 20 years of experience in IT services. AMBC gives us an ideal perspective to understand and respect cultures from around the world. We are one of the best IT-Solution providers in the USA, as demonstrated by a loyal client base attracted and retained by the tactful combination of competitive pricing and excellent service.