Monitoring and Managing

The Threats Impacting Your ATM Infrastructure

Challenges faced by Financial Services due to Digitization and Current Pandemic

» Over the years, attacks on ATMs have shifted from being old-schooled physical attacks to sophisticated malware attacks like ATM jackpotting

» Running on OS from Windows, ATMs lie outside the secured perimeter of a banking organization, making it vulnerable to malicious exploits

» Hackers exploit vulnerabilities like outdated OS or weak AV signature to take control of an ATM thus, breaching the bank's network

How HCL can Help You Prevent the Risk and Challenges

Comprehensive Malware Protection – HCL's FusionEDR Service	Improved Security Posture – HCL Advance Vulnerability Management Service
Service Features	**Service Features**
» 24x7x365 malware detection, monitoring, and response – powered by HCL Collaborative Threat Intel	» Instant and continuous visibility to tackle threats
» Expert led proactive hunting for emerging indicators of compromise	» Comprehensive view of vulnerabilities through external and internal scanning
» Increased containment speed through pre-authorized automated response	» Single–pane–of–glass dashboard
» Fully managed service with subscription billing	» Assemble deep and granular information on each IT asset
Service Benefits	**Service Benefits**
» Protects critical assets and PII information	» Increases operational efficiency
» Detects known and unknown attacks and reduce stealthy attacks	» Strengthens security program Shortens time-to-remediation
» Quick containment and response	» Minimizes cyber risk and improve cyber hygiene
	» Eliminates unidentified and misclassified assets

These HCL services can help meet compliance to major regulatory requirement such as FFIEC, BASEL, FCA, NYDFS 500, MAS, MiFID etc

HCL Credentials and Success Stories

Success Story

Advance VM Success Story

A commercial bank operation in Ireland and one of the traditional 'big four' Irish banks.

Our Solution

» Holistic integration of vulnerability management solution with Service Now CMDB to automate the process of adding new assets into VM solution, asset discovery, tagging, and updating CMDB with newly discovered assets resulting in a streamlined workflow.

Solution Details

» Assessed bank as-is state to identify gaps in the current process

» Identified schedule, assets, scanners, templates, and profiles which obsolete and deleted the unwanted data which reduced the associated risks.

» Design vulnerability management workflow to optimize the process.

» Integrated production ServiceNow CMDB with VM solution to automate the asset addition, discovery, tagging, and updating process.

» Scheduled periodic task and document process of ad-hoc scanning and reporting in a playbook and hand it over to steady state team.

EDR Management Success Story

Financial Services holding company serving insurance products to more than four million customers in US

Our Solution

» 24x7 operational support, maintenance, and continuous improvement of EDR solution

Solution Details

» AS-IS assessment to identify gaps in the current process and suggest policies and reports based on security best practices Ensured consistent policies are applied across the IT security environment.

» Integrated with other solutions like ITSM, SIEM

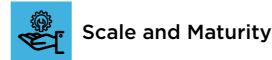» Designed use-cases for proactive scanning, behavior monitoring, detection, and response

Security Assurance Practice Strength

HCL advance VM service has digitally transformed the end user experience and developed a compelling scalable solution, by leveraging 15+ years of extensive experience in vulnerability management domain. The service is build using cloud-native solutions, taking advantage of many modern techniques, including CMDB, ITSM, vulnerability management solution, and risk prioritization solutions.

Capability

» Over 50+ architect, consultants, and over 100+ pool of specialized VM system resources to manage scanning operations requirements

» A decade of partnership with our top 10 clients including several banks and financial institutions

» Strong and successful partnership with leading VM system vendors

Scale and Maturity

» We have worked with dozens of global F500 to refresh/enhance VM systems integrate with third-party solutions

» 100+ successful projects are delivered across the industrial verticals Experience of VM services – 100K IP's Scanned monthly

Flexibility

» Outcome-based pricing enables clients to pay for solution successfully deployed in production within pre-defined SLAs.

» Innovative commercial constructs to offer clients flexible pricing based on service complexity, defined by our proprietary frameworks

Protecting/Patching Outdated ATMs

» HCL advance VM service can help banks identify outdated/unpatched ATMs lying in some subnets with vulnerabilities, and prioritize the risks with defined risk mitigation strategies

» Once identified, these outdated assets can be protected using additional layers of security to prevent unnecessary traffic and transactions at various levels

HCL

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