VERITY-Vulnerability management for enterprise security

One stop solution built to revolutionize enterprise-wide vulnerability management program

Overview

VERITY is bringing a new perspective and visibility into what alters cyber risk. The VERITY solution framework will enable organizations to replace their current options that are difficult to use and need a lot of manual interventions at multiple stages with a context-intelligent and proactive approach to achieve risk-based vulnerability prioritization. VERITY helps companies to effectively justify, prioritize and manage the cybersecurity investment decisions and risks accompanying digital growth and transformation. With VERITY, enterprises can make more informed decisions, optimize their security operations outcomes, and address regulatory and privacy requirements by scaling their quantitative cyber risk management programs.

Business challenges

Digital initiatives: With digital transformation come inherent complexities, distributed environments, and shorter application development lifecycles summing up to a significantly increased attack surface for any enterprise.

Lack of visibility & control: With changing workforce models and a proliferation of several devices, crown jewels, and applications that needs to be maintained & updated. A constant visibility & governance mechanism on the state of vulnerability management remains a task.

Sophisticated attackers: Ever-growing vulnerabilities and speed of cyber exploits are constantly increasing 'risks to business reputations'. This calls for a renewed approach to vulnerability management that reduces the time between detections and remediation substantially.

The prioritization dilemma: New vulnerabilities are being discovered almost every day, in addition to the ones already detected in an environment. As a result, the IT and security teams can quickly get overburdened with the backlog of un-managed vulnerabilities if they are not prioritized effectively and governed with the right context.

Compliance regulations: Proactive vulnerability assessments are not a choice for an enterprise anymore but a mandate, and for all good reasons. However, it's much more complex than just a tick-in-the-box exercise and requires the right mix of technologies, advanced processes, and the right skill sets to work in tandem, which is no easy feat.
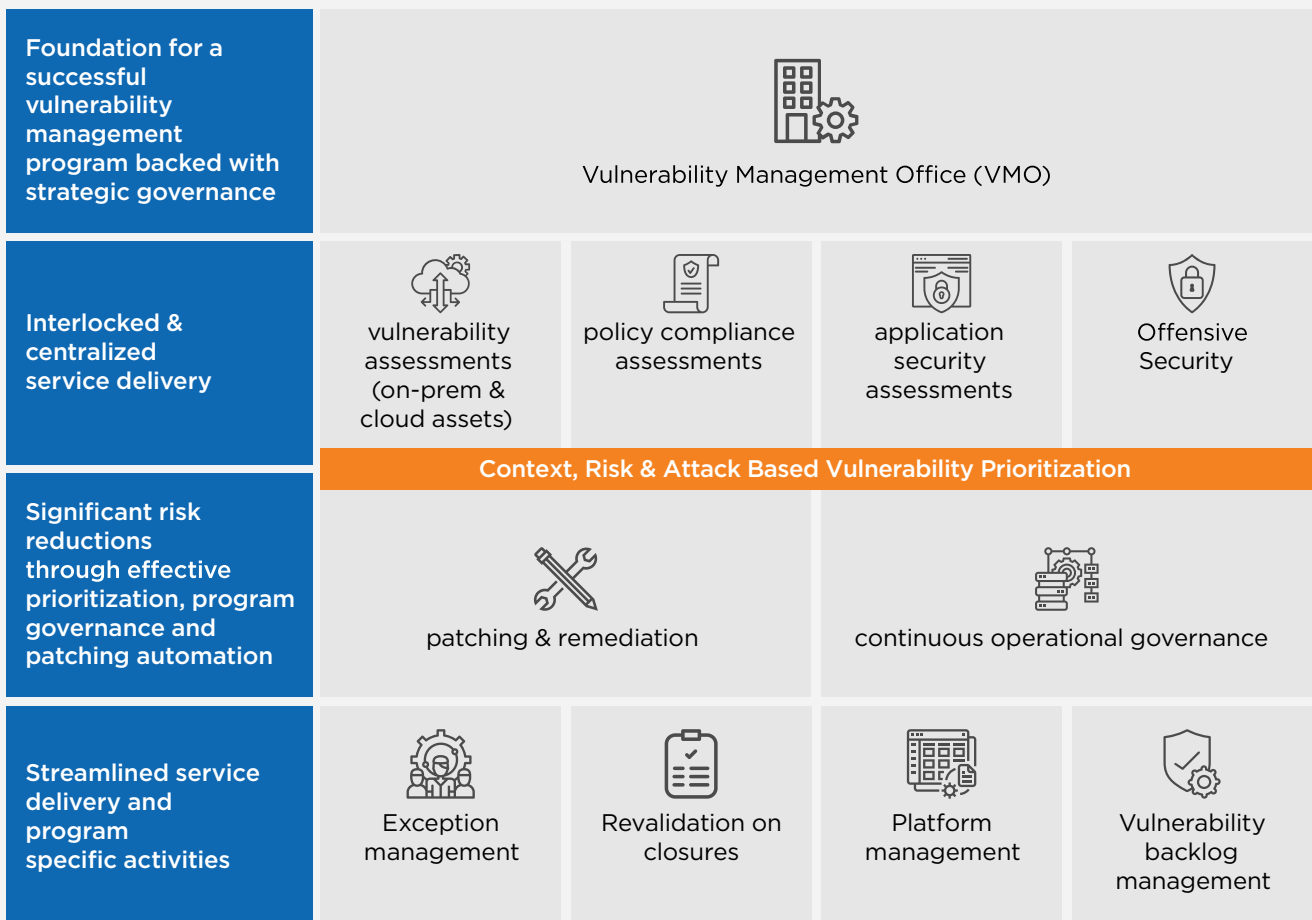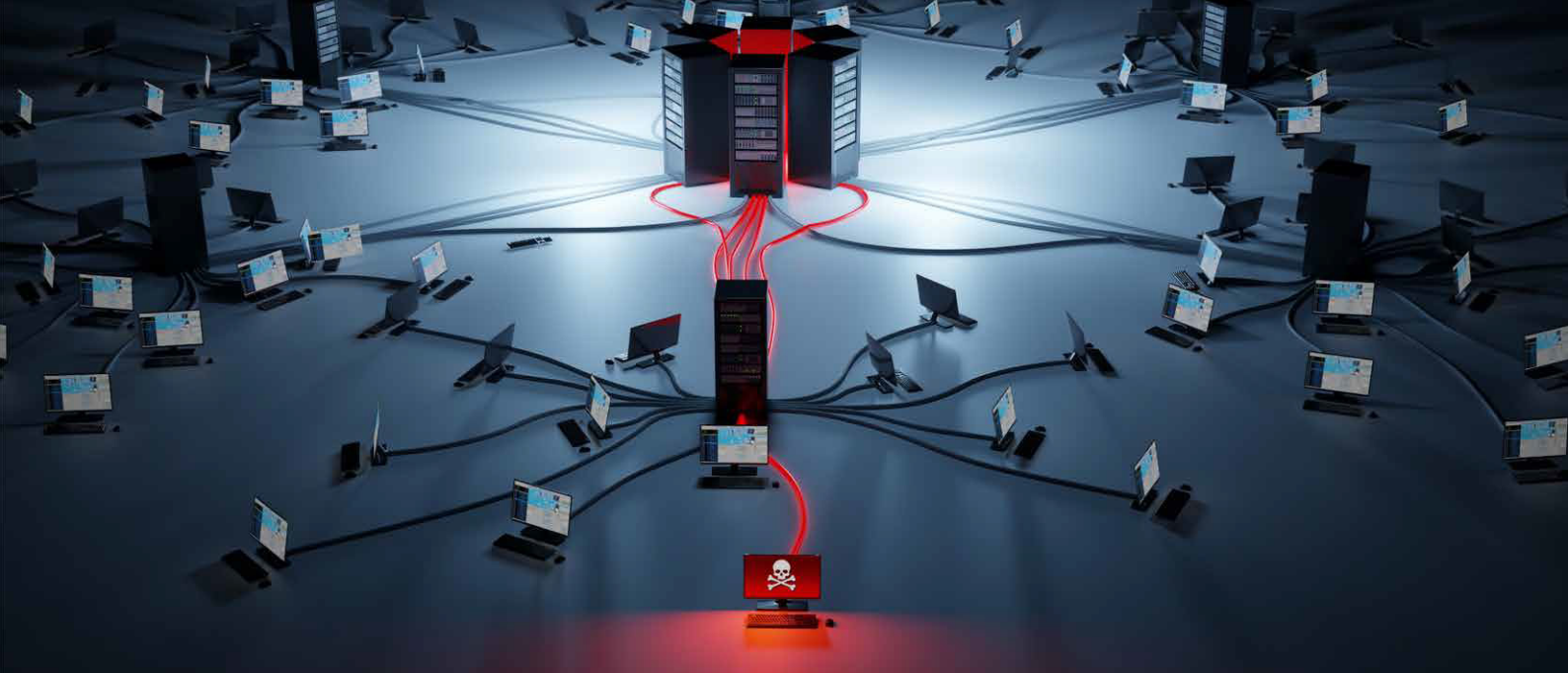
Our solution at a glance

With the enterprise security environment getting complex every passing day, it has become imperative for organizations to reimagine and move beyond the traditional approaches to vulnerability assessments and adopt a more robust, people and process-centric end-to-end vulnerability management program.

To help you do just that, HCL offers an all-encompassing Vulnerability Management for Enterprise Security solution, "VERITY", that enables your organization to not only detect threats but also manage and reduce the associated risks effectively. The service at its core provides end-to-end vulnerability lifecycle coverage along with constant threat and risk-based prioritization. This is backed by effective and process-driven operational and strategic governance, which remains crucial to ensure consistent, effective, and successful vulnerability reduction throughout your environment. The service acts as a one-stop-shop solution with a broad vulnerability management coverage capable of catering to modern-day complexities within any hybrid environment.

Service enablers

A framework-driven end-to-end approach to enable a successful vulnerability management program delivered from the cloud

Foundation for a successful vulnerability management program backed with strategic governance	Vulnerability Management Office (VMO)			
Interlocked & centralized service delivery	vulnerability assessments (on-prem & cloud assets)	policy compliance assessments	application security assessments	Offensive Security
	Context, Risk & Attack Based Vulnerability Prioritization			
Significant risk reductions through effective prioritization, program governance and patching automation	patching & remediation		continuous operational governance	
Streamlined service delivery and program specific activities	Exception management	Revalidation on closures	Platform management	Vulnerability backlog management

'A framework driven end-to-end approach to enabling a successful Vulnerability Management program'

- HCL's VERITY framework initiates by setting the program's foundation. It engages with key stakeholders across IT and relevant business areas, delivers oversights of the entire program, manages critical issues, and provides strategic level governance throughout the VM lifecycle.

- This helps do-away with a siloed approach and bridge the entire spectrum of vulnerability assessments from infra to code. This allows for a tightly inter-locked and centralized service delivery mechanism with enhanced visibility and added context for end-users.

- Adding risk, threat and exploitability context to the detected vulnerabilities enables effective vulnerability prioritization and allows to focus on what matters the most.

- Next follows the continuous operational governance that enables proactive remediation tracking, patching guidance, and much more by seasoned Cybersecurity Fusion Center security experts.

- Patching and remediation remain critical components to maintaining the continuity of the VM program. This involves proactive remediation guidance, patch detection and prioritization, and integrations with patching automation solutions as required, to reach closures quickly.

- The last layer involves critical programs or project-specific activities that help streamline the entire program and avoid any roadblocks along the way.

Service benefits

VERITY delivers a significantly more meaningful and aligned risk prioritization from a single solution. It offers a holistic view of discovering, assessing, prioritizing, and patching vulnerabilities across IT, workloads, network, and applications.

Identifies and prioritizes your top risks

Assesses the impacts different treatments have on vulnerabilities associated risks

Improves audit, controls, regulatory and privacy communication, and responses

Drastically reduces your total cost of ownership and unexpected overheads

Service features

- Ready to go in no time with CyberSecurity Fusion Center delivered swift service enablement

- Gain visibility into the unknowns with automated identification and categorization of known and unknown assets globally across the hybrid IT environment

- Proactive vulnerability assessments and misconfiguration detection across your hybrid estate

- Automated risk prioritization leveraging real-time threat intelligence, machine learning models, and added context to prioritize the riskiest vulnerabilities on your most critical assets

- Enhance resource efficiency with proactive remediation guidance and operational governance enabled by default with VERITY

Why HCL

Globally, HCL's Cybersecurity and GRC Services business unit has been playing a pivotal role in driving cybersecurity and risk-aligned digital transformation across enterprises. At the same time, HCL is inspiring business confidence by building a dynamic cybersecurity posture, leveraging next-gen cybersecurity solutions and advanced orchestration and automation-driven platforms.

Enriched with over 23 years of experience in securing global enterprises, HCL is at the forefront of ensuring effective operational cybersecurity posture for its clients. Its end-to-end service capabilities are enabled by flexible global delivery models and powered by industry-leading reference frameworks and IPs.

Leader - **IT Managed Security Services** by Everest Group PEAK Matrix® 2021

Leader - **Cybersecurity Services** by Avasant RadarView™ 2021

Leader -Avasant CyberSecurity RadarView™ 2020 for **Managed Security Services**

Leader - Everest PEAK Matrix® for **IT Managed Security Services** 2020

Leader - **Cybersecurity Solutions & Services**, US, by ISG Provider Lens™ 2020

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HCL

HCL Technologies (HCL) empowers global enterprises with technology for the next decade today. HCL's Mode 1-2-3 strategy, through its deep-domain industry expertise, customer-centricity and entrepreneurial culture of ideapreneurship™ enables businesses to transform into next-gen enterprises.

HCL o ers its services and products through three lines of business - IT and Business Services (ITBS), Engineering and R&D Services (ERS), and Products & Platforms (P&P). ITBS enables global enterprises to transform their businesses through o erings in areas of Applications, Infrastructure, Digital Process Operations, and next generation digital transformation solutions. ERS o ers engineering services and solutions in all aspects of product development and platform engineering while under P&P. HCL provides modernized software products to global clients for their technology and industry specific requirements. Through its cutting-edge co-innovation labs, global delivery capabilities, and broad global network, HCL delivers holistic services in various industry verticals, categorized under Financial Services, Manufacturing, Technology & Services, Telecom & Media, Retail & CPG, Life Sciences, and Healthcare and Public Services.

As a leading global technology company, HCL takes pride in its diversity, social responsibility, sustainability, and education initiatives. As of 12 months ending on December 31, 2021, HCL has a consolidated revenue of US $ 11.18 billion and its 197,777 ideapreneurs operate out of 52 countries. For more information, visit www.hcltech.com

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