

VULNERABILITY MANAGEMENT

Overview

The level of complexity and cost-ineffectiveness that is introduced by conventional Vulnerability Reporting and Management methods prevents Information Security Managers from efficiently managing and tracking the number and status of vulnerabilities residing within their organization.

As a process, Vulnerability Management requires the involvement of multiple parties, including Auditors, Security Officers, Business Owners as well as the involvement of a large number of communication means and channels, making the tracking of every single vulnerability's mitigation status almost impossible to address the vulnerability management problems encountered by modern organizations

In order to track every single vulnerability's mitigation status, SWORDFISH has integrated the entire vulnerability management process within a single solution providing end-to-end vulnerability lifecycle management, according to international information security standards and practices.

On this ground, Obrela Security Industries® has developed a unified, next-generation, innovative, centralized Vulnerability Management platform; SWORDFISH VMC.

Vulnerability Management Console is a centralized security reporting web application environment, based on a customized information workflow, optimized for Penetration Testing and Vulnerability Assessment activity projects. On top of security reporting, VMC offers a versatile customizable workspace, providing monitoring capabilities based on user defined parameters, allowing the visual presentation of report statistics, criticality, resolution status etc. according to the reported security findings.

Being tailored to the Information Security structure and processes adapted by today's organizations, SWORDFISH VMC implements distinct user roles, role relationships and workflow transitions. With the use of SWORDFISH VMC authorized users can instantly assign vulnerabilities, monitor vulnerability mitigation status, assign vulnerabilities for re-testing, close corrected vulnerabilities or accept the corresponding risk.



Collaboration

The involved parties are notified online via the embedded **notification subsystem** as well as via e-mail. Furthermore, a Calendar Sub-System provides to each individual involved user the possibility to have a **Graphical representation** of their procedures tasks, milestones, deadlines and

actions status in dynamic caledars. Nevertheless, the workflows can provide notification alerts via the notification sub-system in order to provide 24x7 monitoring and alert function regarding procedure workflow milestones, bottlenecks or critical paths.

Vulnerability Management

By offering a web-based user interface, SWORDFISH VMC provides Information Security. Officers with a large number of capabilities such as:

- Full Vulnerability Lifecycle Monitoring
- Instant Vulnerability Reporting
- Mitigation Status Transparency
- Vulnerability Search Filtering defined by user-defined criteria
- Custom Workflow based on organization structure and processes
- Automatic Vulnerability Delegation to corresponding key users

Mitigation Planning

- Organize and plan mitigation actions for each exposure gap that has been identified.
- Follow up mitigation actions and enforce deadlines for each working package.

Reporting

- Graphical and Dynamic Statistics Representation
- Common Format Exporting (PDF, MS Excel etc)
- Graphical and Dynamic Dashboard based on user-defined filtering

Benefits

Implement full vulnerability lifecycle management, including identification, correlation, assessment, remediation, and reporting

How It Works

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Benefits

Link vulnerability status to compliance and risk controls

Initiate and manage remediation with built-in ticketing system or integration to popular help desk systems and patch management systems

Dynamically calculate threat score and business impact based on asset criticality and threat criticality

How It Works

SWORDFISH VMC is integrated to Risk and Compliance Modules.

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SECURITY INDUSTRIES

Obrela Security Industries provides security analytics and risk management services to identify, analyse, predict and prevent highly sophisticated security threats in real time.

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