

PAPER

Real Time Risk Management

OBRELA Security Industries leverages the SWORDFISH Technology to manage and protect its clients in real time.

Industry

Information Security

Objective

Address the root causes of vulnerable infrastructures rather than developing painkillers for the emerging security threats.

Approach

Leverage SWORDFISH to address different disciplines, security and organizational models. Engineered as a platform aiming to integrate and centralize under a new holistic approach, it embraces a horizontal enterprise-wide versus a vertical and typically technical security model.

Features

Manage Risks In Real Time
Comprehensive Client Visibility
Manage Multiple Security Elements
ALL under a single Console



“SWORDFISH enables VIVA Payments to dynamically manage our security framework, enforce management, operational and technology security controls, assess compliance with regulations, policies and standards, and analyze our risks in real time. All under a single console.”

- Haris Karonis, CEO, VIVA Payments



SWORDFISH is not
another GRC product
or a new set of tools.
It is a mindset shift.
A shift in real time.
A shift towards
operational security.

Integrating People Process and Technology

Operational security requires a continuous process of awareness, preparedness and readiness. It is a highly demanding, cross-domain activity that requires effective communication and coordination between people that often have different knowledge and perspective for information security within the organization.

It is neither a fixed cost nor a fixed duration project; rather an on-going business program with strategy, plans, objectives and stakeholders.

Growing threats and complexity

Typical issues that modern organizations are hardly trying to address are the (A) increased demand for compliance with laws, regulations and standards, the (B) difficulty to measure the efficiency and effectiveness of security controls, the (C) complexity to run and maintain a centralized operational security model, and (D), the ultimate challenge to capture and aggregate the fragmented, isolated and outdated Information security knowledge.

Obvious effects are high operating expenditures, ineffective resource allocation, increased compliance risks and vulnerable security architectures. Other less obvious implications limit intelligence collection and the operational capability to interpret and react on emerging and advanced asymmetric threats in real time.

It is imperative that modern Enterprise Information Security Models must become cheaper and more efficient. To embrace such initiatives, organizations must work through the existing shortcomings and adopt new concepts that balance preventive and reactive controls.

A new era for information security will emerge as soon as vendors and the market realize that methods, products and services must be challenged to address the enterprise and the root causes of vulnerable infrastructures rather than develop painkillers for the emerging security threats.



SWORDFISH
functions as the
Single Security
Gateway for
Operational Security.
One through which
everyone and
everything can be
managed, measured
and monitored.

Why SWORDFISH?

Designed as a platform to address different disciplines, security and organizational models, SWORDFISH does not aim to replace or compete with any existing product or technology; but rather it aims to integrate and centralize under a new holistic approach. SWORDFISH technology is engineered to dynamically scale and adopt, providing with the necessary content, applications and gear (a) to plan, design, build and orchestrate Enterprise Information Security, (b) to integrate with subset security and business systems (c) to automate and streamline security procedures (d) to consolidate, normalize and correlate information for assets, people and technology using the unified and structured SWORDFISH security ontology.

Applying a horizontal enterprise-wide versus a vertical and typically technical security model SWORDFISH can improve operational security in the following domains:

- I. **Centralization.** SWORDFISH functions as the Single Security Gateway for Operational Security. One through which everyone and everything can be managed, measured and monitored. Organizations can leverage SWORDFISH platform to design, implement, enforce and monitor operational security through a unified horizontal organizational workflow comprising of vertical and horizontal security processes that are activated, sustained, or interrupted based on information provided from people, (other) processes and technology (systems).
- II. **Real Time Risk Management.** Governance and Risk Management are critical for operational security but in reality ineffective without accurate and well-timed intelligence collection regarding threats, actual exposure and controls

efficiency. By using SWORDFISH organizations can now integrate real time intelligence and replace any static algorithms with real time data. Leveraging SWORDFISH organizations can now adopt dynamic security models that can prevent foreseen and emerging threats as well as provide the ground for effective response and threat containment. Risks can be measured, controlled, avoided or accepted. In real time.

- III. **Intelligence.** By controlling and monitoring not only technology related aspects but also (human factor) procedures SWORDFISH integrates people, process and technology and delivers 3D (three dimension) as the substance of next generation information security. Automating procedures and integrating workflows unveils a unique potential for enterprise security, in terms of recording and monitoring previously invisible fragments of the security workflow. SWORDFISH process automation creates invaluable security related data and records we were never able to use before, which can now feed correlation engines and produce advanced intelligence and complete three dimensional enhanced security vision; Correlation of physical security with information security events, further, enable effective identification of asymmetric security attack patterns that combine property violation, bypassed procedures, fraud and computer security.

- IV. **Automation.** SWORDFISH Technology enables organizations to consolidate information, orchestrate and streamline security activities across the Enterprise in order to reduce overheads, improve client operational security and rationalize security investments. With embedded content and a vast number of applications and connectors SWORDFISH enables organizations to dynamically manage their security framework, enforce management, operational and technology security controls, assess compliance with regulations, policies and standards, and analyze information risks in real time - all under a single interface carefully designed for ease of use, easily customizable to fulfill different organization views and roles.

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Why Obrela Security Industries?

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

With engagements that include financial institutions, stock exchanges, telecommunications, critical infrastructure and on-line service providers, Obrela Security Industries collect and analyze structured and unstructured data generating valuable intelligence for new, emerging and advanced security threats giving its clients a unique advantage in predictability, preparation and response.

Learn More at

<http://www.obrela.com/SWORDFISH>



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