VERISIGN®

DATA SHEET

VERISIGN iDEFENSE® INTELGRAPH

RESEARCH, CONTEXTUALIZE AND VISUALIZE CYBER THREATS, ACTORS AND INCIDENTS WITH VERISIGN INTELGRAPH, A NEXT-GENERATION, DATA-DRIVEN SECURITY INTELLIGENCE PLATFORM FROM VERISIGN iDEFENSE SECURITY INTELLIGENCE SERVICES, A LEADER IN SECURITY INTELLIGENCE.

OVERVIEW

The security landscape is becoming increasingly complex and today's security executives, incident handlers, cyber intelligence analysts and security operations engineers are being overloaded with more threat data than they can effectively or efficiently process and act upon. To help at-risk organizations stay ahead of the cat-and-mouse game of cyber security, Verisign has developed an innovative new tool to capture and link all facets of the cyber threat landscape data. Verisign IntelGraph is a data-driven security intelligence platform and application programming interface (API) that allows practitioners to quickly understand the diverse threats specific to their organizations, investigate other potential risks, allocate resources effectively and determine the proper course of action. Verisign IntelGraph is able to add additional context and further perspective into threats because it is built with graph database technology at its core.

GRAPH DATABASE TECHNOLOGY

Unlike traditional relational databases that rely on index lookups, graph databases are based on graph theory and allow nodes that contain information on threat actors, malware, vulnerabilities, campaigns, targets, phishing emails, etc. to be related to one another. Such a data structure enables faster access to relevant data and the ability to visualize relationships among disparate data. For example, a malicious file attachment in a phishing email can quickly be traced to the associated malware family, malicious actors, threat infrastructure and exploited vulnerabilities. The flexible schema of a graph database enables natural scaling of growing datasets and is most suitable for managing ad hoc and continuously evolving data inherent to cyber threat intelligence. Containing more than 17 years of iDefense threat intelligence data, Verisign IntelGraph is the optimal way to organize and deliver this rich dataset in a relevant and easily consumable manner.

JUST A FEW OF THE QUESTIONS VERISIGN INTELGRAPH CAN HELP ANSWER

Cyber Espionage	• What are the verticals and countries the threat targets? • What emails, blogs, URLs, handles or IPs are associated with an actor? • What additional infrastructure is associated with this espionage campaign? • What is the functionality of the malware? • What specific defensive methods can be employed to detect this activity?
Cyber Crime	• What are the most popular banking Trojans in use today? • What banks does the Trojan target? • What are the C&C servers for an attack? • What are the most popular forums for cyber criminals? • What actor is associated with this operation?
Hacktivism	• What was the impact or severity of an attack? • What is the name of the actor or organization that communicated a threat? • What types of other initiatives or interests does an actor have? • What is the attack's purpose or motivation? • What is the timeline of the operation or its current duration?
Vulnerabilities	• What is iDefense's modified CVSS scoring for a particular vulnerability? • What technologies does the vulnerability affect? • What files exploit a vulnerability? • What detection signatures identify an exploit? • What IP addresses or URLs are associated with delivering exploits for a vulnerability?

WHAT IS VERISIGN INTELGRAPH?

Because it is based on graph database technology, Verisign IntelGraph offers:

- Rich search features, including contextual navigation
- Visualization of relationships between actors; known infrastructure; tactics, techniques and procedures (TTPs), and other discrete threat elements
- Data-driven reporting functionality
- Ad hoc research flows, allowing security analysts and incident responders to "pivot" from a known data point and further explore the relationships inherent in the threat intelligence data
- Customized content delivery and alerting
- RESTful API access for seamless integration into existing technology platforms

LEARN MORE

For more information about Verisign iDefense IntelGraph, contact a Verisign representative by phone at 866-367-0095 or 1-703-948-0206, by email at learnmore@verisign.com or visit us at www.VerisignInc.com/idefense.

ABOUT VERISIGN

Verisign, a global leader in domain names and Internet security, enables Internet navigation for many of the world's most recognized domain names and provides protection for websites and enterprises around the world. Verisign ensures the security, stability and resiliency of key Internet infrastructure and services, including the .COM and .NET domains and two of the Internet's root servers, as well as performs the root-zone maintainer functions for the core of the Internet's Domain Name System (DNS). Verisign's Security Services include intelligence-driven Distributed Denial of Service Protection, iDefense Security Intelligence and Managed DNS. To learn more about what it means to be Powered by Verisign, please visit VerisignInc.com.

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