MANDIANT®

Defense Imperatives: Addressing Cyber Risk And Security Effectiveness

When it comes to cyber security, federal agencies constantly wonder "Will our effort and strategy protect us from an attack?" Our **Security Effectiveness Report 2020** confirms that continuous validation of effectiveness is critical to performance.

All organizations, including federal agencies, are becoming increasingly cloud-based, automated, and global as they implement digital transformation strategies. This inherent complexity of IT environments makes it increasingly difficult to identify cyber risk.

Federal agencies are also increasingly being pursued by bad actors seeking to attack or exploit the valuable, sensitive data they store. Data from the M-Trends 2020 Report shows government institutions ranked as the third most-targeted industry, up from the seventh position in 2017.

Retired Major General Earl Matthews, now Chief Strategy Officer at Verodin, emphasizes the need for constant visibility into—and validation of—cyber security provisions. He recalled that during his time as CISO for the U.S. Air Force, "Every time there was an attack, the Chief of Staff of the Air Force would ask me: 'Are we protected from this?' It would take me a week to get that answer."

Today, organizations must be able to answer that question within a few hours. This drives their need for tools that measure security effectiveness and can help them better understand and manage cyber risk.

This requirement is underscored in the **Security Effectiveness Report 2020, A Deep Dive Into Cyber Reality**, which details our findings and offers some startling revelations, including:

- 59% of organizations believe their security investments are protecting critical assets and data, when in reality, they have already experienced a breach without knowing it.

- 53% of attack behaviors infiltrate systems without being detected.
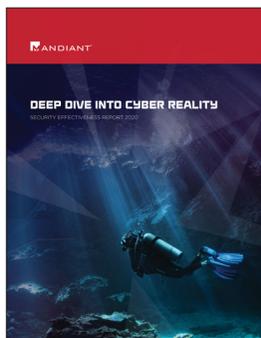
For more information,
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About FireEye, Inc.
At FireEye, our mission is to relentlessly protect organizations with expertise, intelligence, and innovative technology gained on the frontlines of cyber attacks. Learn how at www.FireEye.com

About Mandiant Solutions
Mandiant Solutions, part of FireEye, brings together the world's leading threat intelligence and frontline incident response data with continuous security validation to arm organizations with the tools needed to increase security effectiveness and reduce business risk while protecting their reputation and economic value.