

SECURITY VALIDATION

Every organization wants to be able to quickly and confidently know that their environment is unlikely to be compromised by the latest attack. Moreover, there is a need to quantify their security posture with data that clearly shows the effectiveness of their security controls. This data helps them establish a baseline, avoid security "drift," and maintain their defenses.

That's where Mandiant's Security Validation Solutions can help. Informed by Mandiant frontline threat intelligence on the latest attacker tactics, techniques, and procedures (TTPs), our solutions continuously validate and measure the effectiveness of your cybersecurity controls.



Security Validation helps you answer these critical questions:

- Can you be compromised?
- Are your cyber defenses working?
- Are you prepared for the next ransomware or cyber attack?

Here's how Security Validation can help:

- Capture data so you can be confident in your answers
- Gain greater visibility into your security architecture and threats that matter to quantify cyber security risk
- Pinpoint vulnerabilities in your security program that need immediate attention and continuous measurement of improvements over time
- Report evidence of our security effectiveness and prove the value of security investments
- Arm leadership with data to rationalize current and future investments

Operationalize Threat Intelligence

Security Validation starts with insight into what's most important to test against and how to optimize defenses based on Mandiant's knowledge of who and what is targeting your industry or peers. The Security Validation attack library represents thousands of attacks in every stage of the adversary attack lifecycle and is kept up to date with the latest

known threats.

Emulate real attacks

Mandiant's Security Validation infrastructure enables the emulation of real attack binaries and malware against your security environment. These tests are conducted safely, authentically, and provide a true test of effectiveness. Security Validation automates and offers a wide breadth and depth of attacker TTPs to test against the MITRE ATT&CK Framework and other industry-leading frameworks.

Quantify and minimize your risk

Security Validation enables your team to make data-driven changes required to address gaps in security, misconfigurations, and redundancies. With Security Validation, your team can visualize which controls deliver the most value to your security architecture. Security teams can proactively implement and track improvements over time, optimize cyber defenses, and make the right investments in the future.

Mandiant **Security Validation** (<https://docs.mandiant.com/home/security-validation-on-prem-and-saas>) consists of two flavors, available in either an MSV (on-prem) or MA-SV (SaaS) version.

Video overview

The following contains a playlist of three videos that go over Security Validation fundamentals.