

Active Defense: TrapX + Fortinet® Security Joint Solution

Broad, Integrated and Automated Solution for Real-Time Visibility and Threat Detection

Challenges

Cybersecurity breaches can result from either internal or external attacks. The Verizon 2020 Data Breach Investigations Report found that 70 percent of breaches stem from external attacks and 30 percent from internal actors. More than a quarter of breaches took months before being discovered. And when breaches go undetected for this amount of time, the eventual repercussions can grow exponentially. Additionally, newly developed advanced threat protection technologies often require significant resources to deploy, provision, and maintain, and are usually offered as a stand-alone security solution, creating a disjointed security architecture.

Together, Fortinet and TrapX Security deliver real-time visibility and threat detection, improved incident response and rapid threat containment, leveraging the capabilities of Fortinet Security Fabric.

Superior Threat Protection

The Fortinet Security Fabric segments an entire network to provide advanced protection against sophisticated threats. This integration enables TrapX DeceptionGrid™ to provide actionable threat intelligence and initiate rapid threat containment actions or interdiction throughout the Fortinet Security Fabric.

The Fortinet Security Fabric and TrapX DeceptionGrid joint solution enables early detection of targeted attacks and sophisticated threat actors operating inside your network, along with the agility needed to prevent malware from moving between networks separated by a firewall. Examples of these attacks include Polymorphic malware, Zero-Day exploits and attacks against IoT devices that bypass perimeter controls but are instantly detected by DeceptionGrid traps.



Joint Solution Components

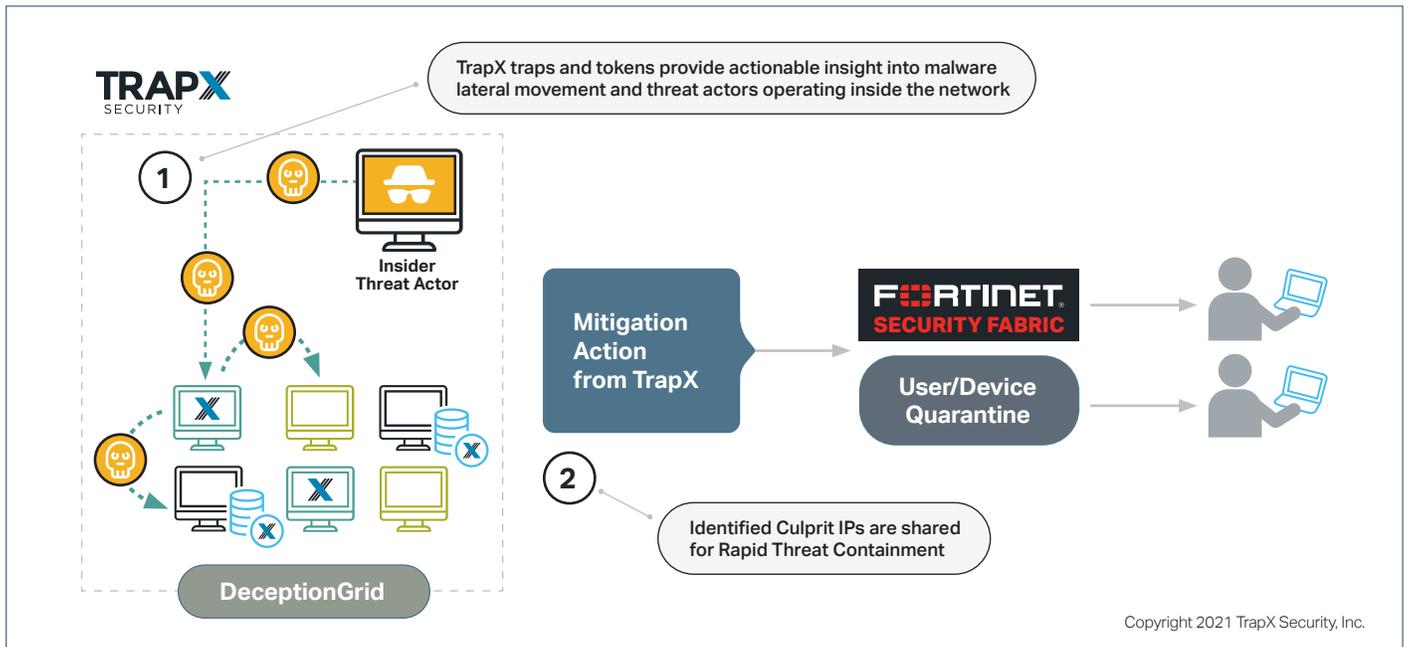
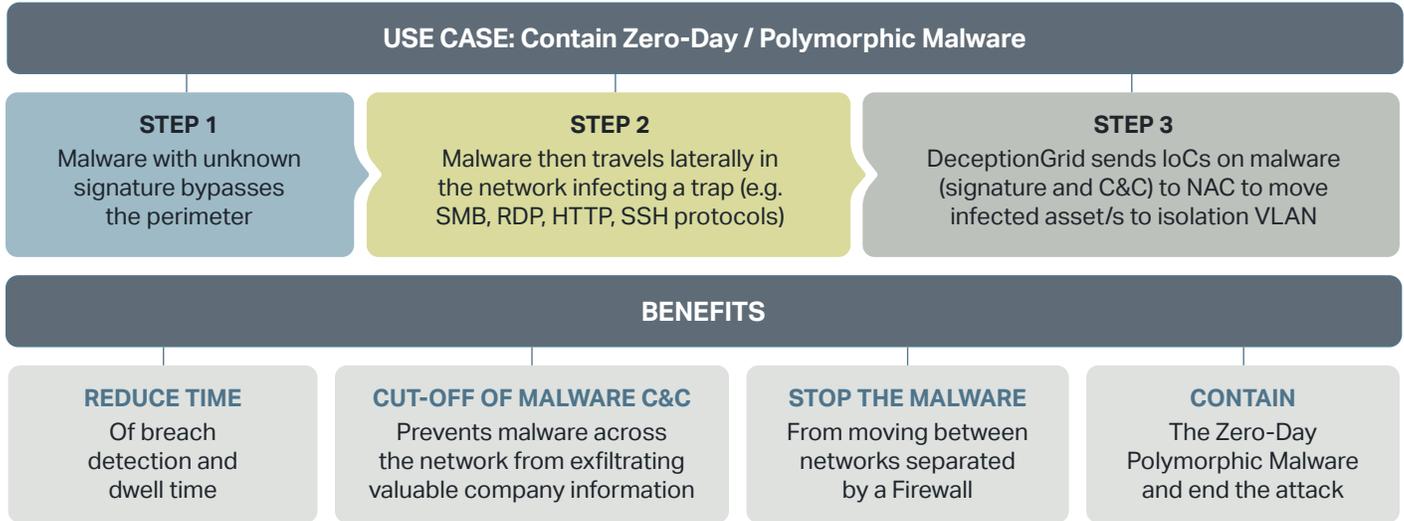
- ▶ Fortinet Security Fabric, FortiGate Next-Generation Firewall
- ▶ TrapX DeceptionGrid

Joint Solution Benefits

- ▶ Reduced time-to-breach detection
- ▶ Powerful situational awareness
- ▶ Rapid deployment and containment
- ▶ Deception-in-Depth integrated product platform
- ▶ Actionable intelligence



DeceptionGrid also feeds accurate telemetry of a threat into the Fortinet Security Fabric to trigger automated mitigation actions. TrapX DeceptionGrid is highly automated and scales rapidly across network and cloud.



TrapX DeceptionGrid is used to bait, engage, and ultimately trap cyber attackers that have penetrated networks. DeceptionGrid enhances visibility and helps you identify attackers that have bypassed all of your other cyber defenses. DeceptionGrid fills your network with lures (tokens) and decoys (traps) to attract, deceive, and detect cyber attackers.

The DeceptionGrid/Fortinet Fabric Joint Solution

- ▶ **Reduced time-to-breach detection** — DeceptionGrid detects malware and human threat actor movements inside the perimeter immediately. Alerts are highly accurate with virtually zero false positives.
- ▶ **Powerful situational awareness** — DeceptionGrid detects lateral movements that are often missed by other types of cyber tools and defenses.
- ▶ **Rapid deployment and containment** — DeceptionGrid integrates seamlessly into the Fortinet Fabric for fast deployment, trouble-free administration and automated rapid threat containment.
- ▶ **Deception-in-Depth integrated product platform** — Deception-in-Depth brings the industry's most comprehensive and powerful suite of Deception techniques together in one multi-tier architecture to bait, engage, and trap attackers.
- ▶ **Actionable intelligence** — The DeceptionGrid/Fortinet Fabric joint solution provides augmented and actionable real-time visibility into lateral movements from attackers targeting special systems such as IoT, SCADA, ICS, POS, and medical devices.

TrapX Security, Inc.
303 Wyman Street
Suite 300
Waltham, MA 02451

+1-855-249-4453
www.trapx.com

sales@trapx.com
partners@trapx.com
support@trapx.com

About TrapX Security

TrapX Security is a pioneer and global leader in cyber Deception technology. TrapX DeceptionGrid rapidly detects, deceives, and defeats advanced real-time cyber-attacks and human attackers in real-time. The DeceptionGrid provides automated, highly accurate insight into malicious activity unseen by other forms of cybersecurity. By deploying DeceptionGrid, users can create proactive security to fundamentally halt the progression of an attack. This strategy shifts the economics of cyberattacks to cost the attacker instead of the victim. TrapX Research Labs clients include several Forbes Fortune 500 commercial and government customers worldwide. Sectors include defense, healthcare, finance, energy, consumer products, and other key industries. Learn more about this cybersecurity solution at www.trapx.com.

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