

COMBATING ASYMMETRIC ADVANCED PERSISTENT THREATS WITH XPATTERNS

xPatterns for Cyber is a unified sense-making platform, delivering comprehensive security intelligence and providing the real-time information that defenders need to identify, prioritize and respond to modern security threats. Its rapid application development with a fast start catalogue, delivers the capabilities that enable network defenders to integrate incident response and remediation with full-scale cyber threat intelligence.

Detecting the Undetectable by Fusing Above and Below the Proxy Data

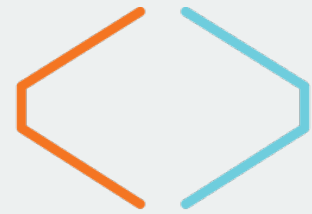
xPatterns for Cyber is designed to provide insight before an event happens, accelerate remediation, and enable the end-user to produce their own specialized dashboard and applications. With xPatterns, data is analyzed in real-time, near real-time and forensically. This hybrid approach reveals temporal, spatial, thematic, and semantic patterns within the data so that it can be sorted and refined simultaneously. With xPatterns, interdisciplinary relationships and unexpected data combinations are surfaced from multiple, and often unrelated sources providing a 360-degree view for security intelligence.

Full Spectrum Threat Analysis

- Ingests any type of data including external sources such as dark web, zone field, and social media.
- Monitors known and unknown attackers based on public and our proprietary blacklists.
- Provides a fast start to protection, detection, prediction and proactive and precise threat remediation.
- Monitors and blocks active connections to potential command and control domains.
- Submits relevant analytic summaries from the edge of the network.

Horizon Scanning: Complex Threat Detection

- Above and below the proxy classifies and re-classifies significant portions of matched and unmatched IPs.



XPATTERNS
CYBER

Defending Against Evolving Security Threats:

- The volume, magnitude and sophistication of attacks will continue to increase
- Threats are moving to zero-day exploits that follow advanced and persistent tactics
- Security policies, strategies and planning remains fragmented within organizations
- Incidents of cyber threats may be hidden from other existing security solutions installed
- SIEM tools and appliances are point solutions with fixed function and purposes
- Very few cyber intelligence solutions effectively search for known and unknown threat vectors

- Pursues active spear-phishing campaigns with pattern discovery across all app security data.
- Automatically exposes and adapts to inconsistencies, while highlighting most critical vulnerabilities.

Maximizing Enterprise Security Investments with xPatterns for Cyber

xPatterns for Cyber is built for speed, precision, accuracy and action. By sitting on the edge of networks near data sources, xPatterns rapidly strengthens existing point solutions and appliances without the pains and bandwidth issues of centralizing raw data in a common warehouse.

By leveraging a quick start installation and a full-service assessment model pivoting from current security tools and systems, xPatterns maximizes existing security investment without a rip-and-replace cost factor.

The end result is an enhanced fabric of security appliances (firewall, intrusion and endpoint detection and response, application and network performance, malware, and SIEM tools) capable of effectively sharing high-value predictive security intelligence in real-time.

xPatterns for Cyber – Solution Features:

- Reveals actionable insights across semantic, spatial, temporal and thematic dimensions in real-time
- Utilizes all security data streams available, unifying the security analyst experience with IT systems and controls
- Predictive models with high-levels of accuracy
- Reduces false-positives within 30 days, prioritizes threats across the SIEM alert spectrum
- Real-time identification of signature-less attack classifiers, common and uncommon TTPs
- Streamlines security operations and services to accelerate remediation, as well as enhance IDTs, firewalls, endpoint detection and response, and application security.



What does xPatterns for Cyber Do for You?

- Real-time analytics vertically and horizontally across your networks
- Near real-time analytics vertically and horizontally across your networks
- Forensic analytics vertically and horizontally across your networks
- Payload transparency vertically and horizontally across your networks
- Clarity in your cyber defense

xPatterns for Cyber

For more information:

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