BEACON
DETECT

Reimagining Cybersecurity
for small medium enterprises

detect.solutions

Beacon Detect™

is the first cybersecurity platform that combines continuous security validation with real time enterprise protections in one program.

Originally created for the cyber insurance industry, the platform is a powerful multi-disciplinary program that brings together mission critical elements of automated Penetration Testing, Vulnerability Management, Monitoring, and Managed XDR in a powerful and cost-effective manner for enterprises of all sizes.

Upgrade to Beacon Detect and embrace the future of consolidated, efficient, and top-tier cybersecurity.

BEACON DETECT

Our mission

Deliver Mission Critical, Purpose-Built Cyber Protection, and Regulatory Compliance Solutions customized to meet the unique needs of small medium enterprises.

This cutting-edge, real-time cyber threat protection today serves Fortune 500 entities worldwide in an unmatched, competitively priced solution.

The problem

Small and medium enterprises are increasingly becoming the target of cyberattacks, with statistics indicating that they are victimized at a much higher rate compared to larger enterprises.

- According to a 2021 report by Verizon, 43% of cyberattacks targeted small businesses.
- *"Midmarket entities are often targeted by criminals looking to exploit unsophisticated security tooling"*
  McKinsey & Company Cybersecurity Practice October 2022

There are several reasons why small and medium enterprises are particularly vulnerable to cyberattacks.
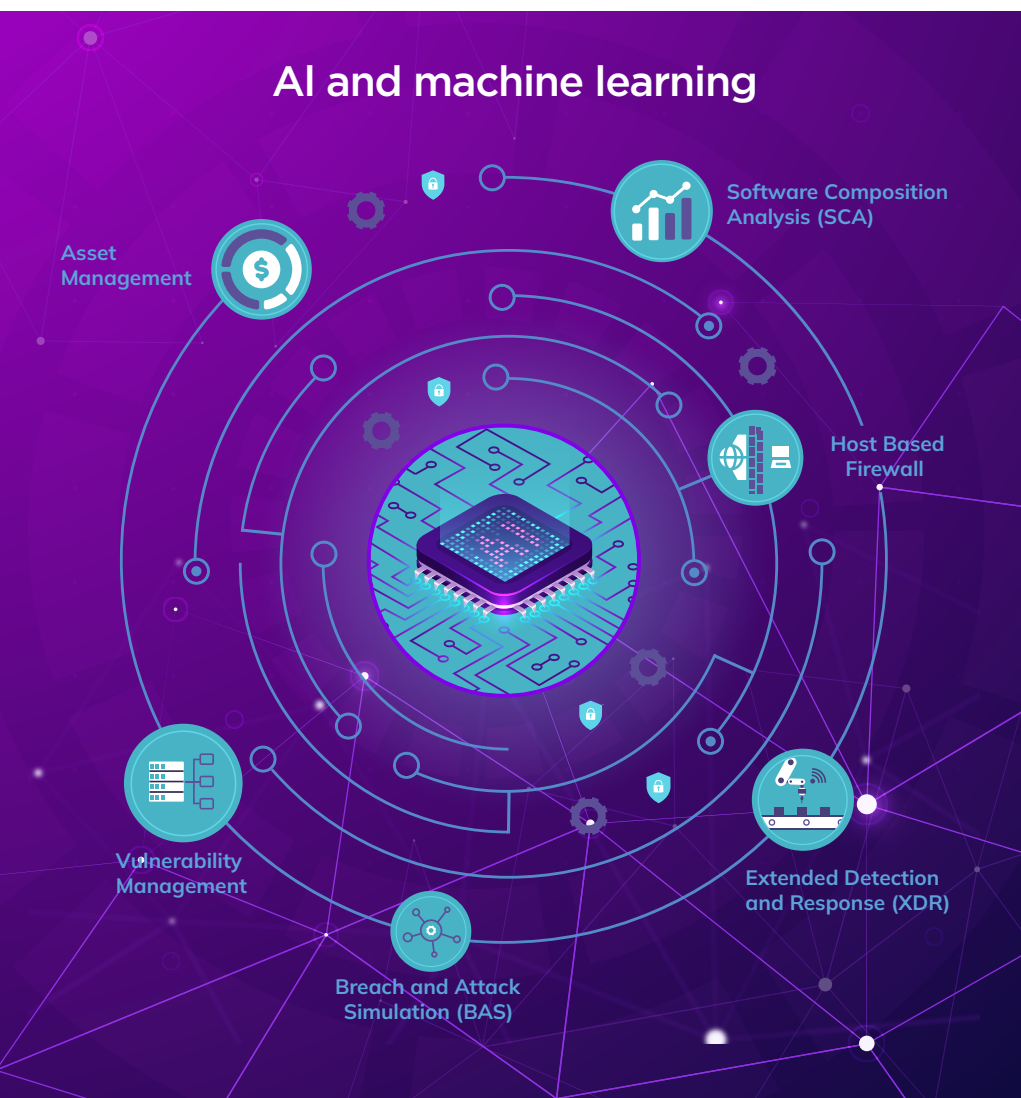
- They often lack the resources to invest in robust cybersecurity measures or hire dedicated security staff.

- They may not have the knowledge or expertise to identify and mitigate cyber threats, making them easy targets for cybercriminals.

- Finally, small and medium enterprises often work with larger companies as part of their supply chain, making them attractive targets for attackers seeking to infiltrate these larger organizations.

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Beacon Detect provides the solution

Beacon Detect is a comprehensive cybersecurity program that seamlessly integrates two critical areas of cybersecurity: assessment and threat protection. Many small and medium enterprises are overwhelmed with regulatory and audit requirements to conduct expensive and outdated penetration and vulnerability scans. Unfortunately, by the time the testing is completed, and findings remediated, bad actors may have already found new ways to attack the enterprise. To stay ahead of these threats, it's essential to continuously validate your defenses. Beacon Detect addresses this issue by delivering continuous real-time monitoring and protection against malware, advanced persistent threats, and phishing attacks. In addition, it provides the same robust and lightweight firewall and extended detection and response programming used by Fortune 500 companies. By combining all of these capabilities in a single, easy to operate lightweight sensor, Beacon Detect™ offers a powerful and complete cybersecurity solution for your firm.

AI and machine learning

Asset Management

Software Composition Analysis (SCA)

Host Based Firewall

Vulnerability Management

Breach and Attack Simulation (BAS)

Extended Detection and Response (XDR)

What is included in beacon detect?

- Breach and attack simulation (BAS)
- Application vulnerability management
- Software composition analysis (SCA)
- Host based firewall and process monitoring
- Advanced Phishing Alerting with Vortex
- Managed Extended Detection and Response (XDR)

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Breach and attack simulation (BAS)

MITRE ATT&CK based breach and attack simulation

The powerful Detect platform delivers unmatched accuracy of weaknesses while delivering a clear path to remediation. The Detect lightweight sensor uses a proprietary AI and Machine Learning (ML) based sensor that simulates an advanced attack while in parallel conducting deep scans of your applications and code dependencies to ensure that there are no known or unknown gaps in your defenses or programming. Our proprietary sensor is also designed to evade detection by major Endpoint Detection and Response tools (EDR/XDR) to further enhance a real-world attack simulation.

Application & code based vulnerability management

Beacon Detect has revolutionized the way organizations scan, identify, and remediate applications within their environment. **Detect uses a 3-step process to provide unparalleled protection:**

Step 01

We conduct a deep scan of all your devices, capturing even minor differences such as local languages, patch levels, and 3rd party dependencies.

Step 02

We process this information against a combination of the world's most comprehensive vulnerability databases, ensuring that your firm or managed service provider has an accurate and up-to-date list of vulnerabilities within your organization.

Step 03

Our proprietary threat repository, Vortex™, is continuously updated every few minutes, ensuring that the comparisons run by Beacon Detect are always using the latest information available. This approach allows for a more thorough and efficient vulnerability management process, giving your organization peace of mind and reducing the risk of cyber threats.

The popularity of open-source software is increasing, with 69% of IT leaders reporting that their organizations are using more open-source software than five years ago. Open-source software accounts for 80-90% of modern application codebases due to its cost-effectiveness, flexibility, and community-driven development. However, it also poses a risk as some programs may not be scanned for vulnerabilities. Beacon Detect's Software Composition Analysis engine provides a solution to mitigate these risks.
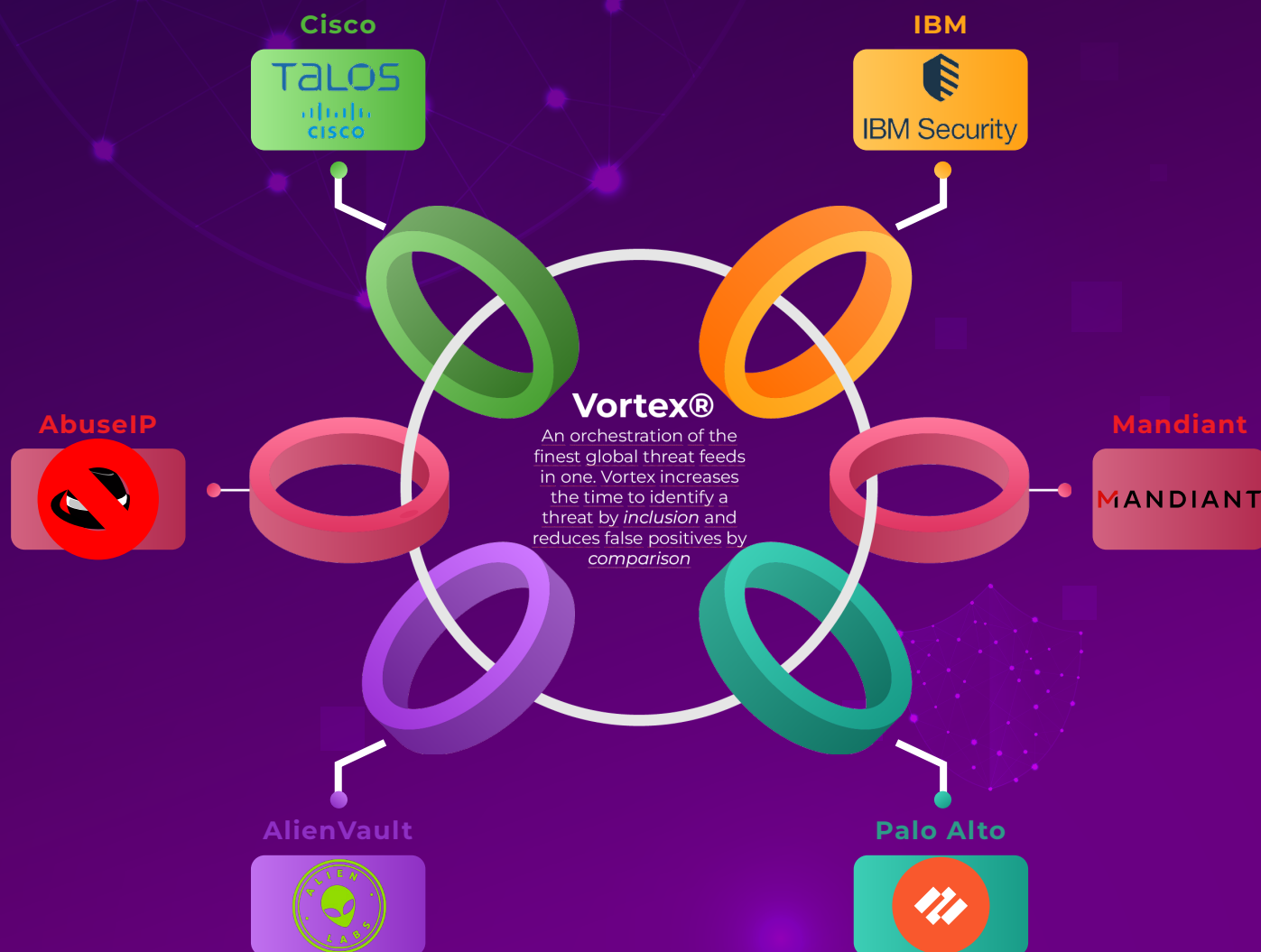
Beacon Detect offers software validation by analyzing binary-level native and third-party code dependencies. It simplifies the process by providing deep analysis of dependencies from the endpoint through to all OSS dependencies, allowing organizations to understand and resolve all known open-source vulnerabilities from the same console used.

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VORTEX®

Vortex® is the exclusive threat management cloud of Beacon Detect, utilizing over (20) premium real-time feeds from Fortune 500 entities, and the Cybersecurity and Infrastrcture Agency (CISA). Its algorithm converts threat intelligence into simple machine learning language code, which communicates directly with our sensor in real-time.

With Vortex®, millions of processes are rapidly analyzed to avoid false positives or errors, providing validated alerts without the need for manual searching by your security system or SIEM.

Cisco

IBM

IBM Security

AbuseIP

Mandiant

MANDIANT

Vortex®

An orchestration of the finest global threat feeds in one. Vortex increases the time to identify a threat by *inclusion* and reduces false positives by *comparison*

AlienVault

Palo Alto

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MITRE | ATT&CK®

What is mitre att&ck® and why is it important?

Understanding adversary behavior is crucial for effectively protecting networks and data from cyberattacks, and the success of network defenders depends on this knowledge. The MITRE ATT&CK® framework is a globally accessible repository of adversary tactics and techniques that is based on real-world observations. It contains information on over 100 threat actor groups, including the techniques and software they use. This framework can be used for various purposes, such as identifying defensive gaps, assessing security tool capabilities, organizing detections, hunting for threats, engaging in red team activities, or validating mitigation controls.

Beacon Detect leverages the ATT&CK framework to identify and analyze adversary behavior. This tool provides an in-depth analysis of adversary behavior, which can help organizations to identify vulnerabilities in their defenses, evaluate the effectiveness of their security tools, and enhance their overall security posture. By using the ATT&CK framework as a lens to examine adversary behavior, Beacon Detect streamlines the process of threat analysis and enables organizations to take proactive measures to protect their networks and data.

Host based firewall and process monitoring

Beacon Detect enhances device protection with its own firewall and enterprise-grade monitoring system. It scans all processes, such as browsing and emailing, for potential threats and blocks any suspicious communication. With the combination of Detect® and Vortex®, malicious attacks are detected and prevented before they can harm your device.

## Endpoint security and the power of XDR

Most small and medium enterprises rely on traditional anti-virus products, which are inadequate in protecting against advanced malware like ransomware. These products have several notable issues, including their inability to detect fileless attacks, which constitute 40% of global malware. Additionally, conventional anti-virus software uses up large amounts of computer resources, slowing down performance and making full-system scans taxing on hardware. Furthermore, the effectiveness of these products is limited by their reliance on an up-to-date malware database, which is difficult to maintain given the high volume of new malware identified every day.

Introducing Beacon Detect with XDR

More than just endpoint protection!

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Features

- Uses a combination of behavior-based detection, Vortex®, and exploit prevention technology, we stop ransomware and other destructive attacks before disk encryption occurs.

- The industry's only on-endpoint phishing prevention. Using machine learning to prevent malicious Microsoft Office documents and PDFs before they can execute.

- The first autonomous prevention and detection engine that issues customized incident response on the endpoint without the need for cloud connectivity.

- Detect XDR combines powerful machine-learning and signature-less prevention. Blocking known and unknown attacks.

- Block attempts to exploit vulnerabilities — even zero-day vulnerabilities and kernel exploits designed to elevate privileges — before any malicious code can be executed.
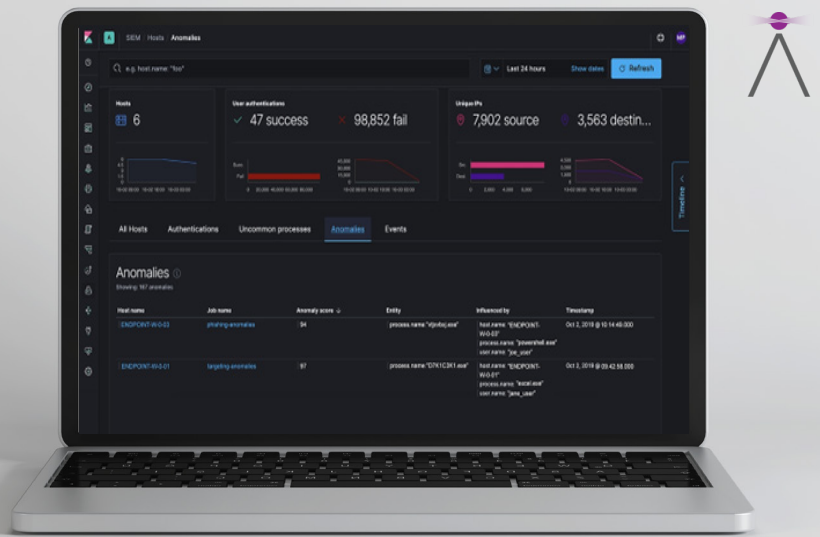
One agent for everything

Unified Solution for Holistic Cybersecurity: No more juggling between multiple tools or navigating various portals. Beacon Detect's "One Agent for Everything" philosophy ensures comprehensive cybersecurity management from a singular, intuitive interface. Our platform's inclusivity means:

- **Singular Learning Curve:** Get acquainted with just one tool, making the onboarding process smoother.
- **Consolidated Support:** No need to reach out to multiple vendors for troubleshooting. Our dedicated team has you covered.
- **One Login, Comprehensive Access:** Forget the hassle of remembering multiple credentials. One portal grants you access to all the cybersecurity disciplines you require.

Works just about anywhere

From submarines to Starbucks, attacks can happen anywhere. XDR secures hybrid environments with endpoint protection that works as well in a concrete closet as when connected to the cloud.

Attack (way, way) lookback

Threats often dwell for months, exceeding the retention policies of many SOCs. XDR enables practitioners to analyze years of data, appreciably improving your security posture.

Licensing that doesn't interfere

With Beacon's flexible licensing, you can adjust your licensing needs as your company evolves. All major components in the Beacon Detect suite, including XDR can be customized to your specific needs so you don't overspend for devices that do not require all of the programming in Beacon Detect.

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Monitoring and response

Cyber monitoring tailored to your small business practice!

Your security strategy needs to cover your risk tolerance, user and supplier performance, and business-critical data. Beacon Detect provides the comprehensive protection you need against today's relentless attackers. SOC-as-a-Service provides all the advantages of an in-house function without the expense and time of Do-It-Yourself (DIY):

- Accelerates time to remediate and scales a rapid response

- Optimizes security operations and Total Cost of Ownership (TCO)

- Augments your team and expertise

- Shares best practices we've gained across our entire customer base

- Balances co-management as you handle as much – or as little – as you prefer

Elevate your security posture to identify, detect, and respond to sophisticated threats with our proven SOCaaS and MDR solution.

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Advanced Phishing Alerting with Vortex® Threat Cloud

Exceptional Accuracy with Vortex®:

Beacon Detect, backed by the unparalleled power of our Vortex® Threat Cloud, boasts an industry-leading catch rate for phishing threats. Through our continuous analysis and in-depth research, our system outperforms even those tools recognized as leaders by Gartner Research.

Dynamic Learning & Superior Detection:

Our email module isn't just any ordinary threat detection tool. With both known and unknown indicators of compromise in its database, its dynamic learning capability ensures ever-evolving, top-notch detection. Our system proactively identifies and mitigates threats in seconds, ensuring your organization stays several steps ahead of attackers.

Beacon Detect's integration of email protection with its suite of tools

not only simplifies the cybersecurity process but also significantly boosts efficiency. With Vortex® enhancing its capabilities, the result is a robust, all-encompassing solution unparalleled in the market.

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