Solution Brief

ADVANTEK
Technology Advancing Business Solutions

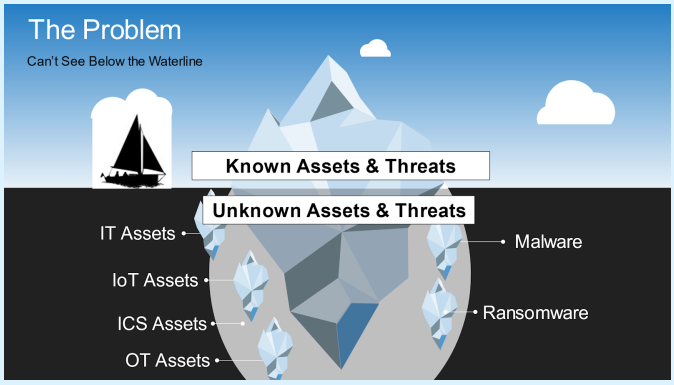
Advantek's Business Solutions mitigate and remediate the top challenges being discussed in today's corporate boardrooms.

The Problem

On average, organizations have 30% more assets than previously known. Not knowing creates potential malware and ransomware exposure along with unnecessary compliance risks. Does your organization have total visibility when it comes to its device, user and software assets and data?

Ransomware is one of the costliest cybersecurity threats for any enterprise, disrupting business operations, causing financial losses from ransoms, and damaging the enterprise's reputation..

Despite extensive investment in new security tools and a shift from traditional anti-virus to best-in-class endpoint protection platforms (EPP), the number of costly ransomware attacks continue to grow.



The Solution:

Advantek's Ransomware and Malware Prevention (RAMP) Solution

You can't protect what you don't know and attackers will often know your organization better than you do. The best security stack in the world is useless if unknown gaps in coverage exist. Advatek's RAMP Solution thwarts attackers by:

- **Unifying and correlating inventories across tools** to give you a comprehensive picture of your organization's entire IT, User Application, and Data landscape
- **Proactively alerting** when new gaps in your security or compliance arise
- **Maintaining continuous, real-time monitoring** to proactively identify, mitigate, and remediate risks related to malware and ransomware

Designed to quickly provide an inside-out view of both data and IT landscapes (known and unknown network assets) through simple API-based integrations with your existing security investments, providing actionable insights in minutes or days, not weeks or months.

Unknown assets create gaps in your security posture: you can't patch devices you don't know about, and you can't install agents on endpoints you're not aware of. **Advantek's solution finds these gaps so you can close them.**

Our Solution Along the Ransomware Execution Chain

Pre-Execution Blocking

Using proprietary ML/AI models enriched by 3rd party and exclusive data sources. We have a fully enabled cloud that provides insight to the endpoint allowing decisions to be on the endpoint, even when not connected to the internet.

Entrapment

Exploiting the techniques attackers put in ransomware to keep it from running on systems in their host countries, as well as their checks to ensure they don't encrypt an already encrypted system, We can trick ransomware into simply not running.

Next Generation Behavioral

We look at all dimensions of a program including provenance, behavior, and the systems with which it communicates to create an integrated score to prevent malicious executables from executing.

Isolation & Resiliency

We are the first product to actively protect your existing EPP from being disabled in an advanced attack. In order to provide the best protection, we design our solutions to consider that layers will fail.

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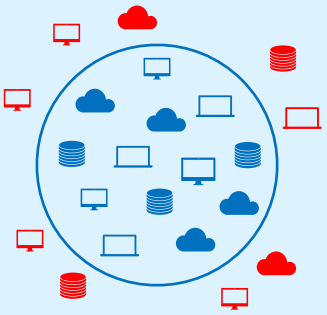
Advantek takes a 3-step approach to map and protect your enterprise attack surface from ransomware.

Find It. Protect It. Fix It.

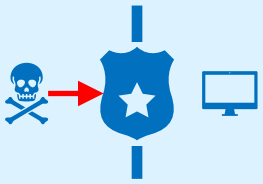
1 Attack Surface Management

The foundation of security is a thorough understanding of your environment. However, no single system is the source of truth – each system has a different inventory of assets it sees. Only by aggregating and correlating across all tools with Advantek's Unified Asset Intelligence Solution can you build a continuous, comprehensive view of your assets - your attack surface - so you can identify previously unknown gaps in your security coverage and security controls This enables you to comprehensively deploy your existing security investments everywhere they need to be.



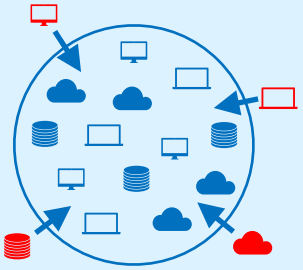
2 Dedicated Ransomware Protection Technology

Once your attack surface has been mapped and we have confirmation that the foundational security controls are in place, Advantek's Ransomware and Malware Prevention (RAMP) solution is deployed. RAMP is a purpose-built technology to stop ransomware attacks with a 'key' to unlock those not protected. The lightweight solution is designed to coexist and enhance existing endpoint protection platforms.



3 Continuous Monitoring of Your Attack Surface

Continuous monitoring of your attacks surface alerts you to any gaps that may arise as devices come and go daily, systems break and are replaced. Advantek's Unified Asset Intelligence Solution continuously monitors your attack surface and immediately alerts you to gaps that appear so you can remediate them. A single PC, left unguarded, becomes the weakest link.



Ongoing Risk Identification, Mitigation, and Remediation

Aggregate & Correlate a Single Source of Truth for holistic, real-time and continuous view and protection of assets and data.

API-based integration quickly connects to your existing tools to join disparate IT inventories, creating a complete view of your asset inventory, finding previously unknown gaps.

Quickly identify security device posture coverage gaps and assets in partial and partial configuration states to reduce the attack surface with real-time and continuous visibility.

A multi-layered, contextually aware approach to stop and contain ransomware based on advanced A.I. models trained exclusively on millions of malicious, real-world ransomware samples.

Trick previously unknown ransomware into giving itself up via entrapment and deception models.

Built-in self-healing to harden an existing AV agent (a primary attack vector) against ransomware.

"It is not what you know that gets you into the news. It is what you don't."

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