

# NEXT-GEN ENDPOINT SECURITY

ORCHESTRATED BY CDW

Modern cybercriminals have set their sights on the most vulnerable part of any organization's network – the endpoint. Today's hackers are taking aim at end users and their myriad devices (from laptops to tablets and smartphones) to exploit weak points, infiltrate the network and the data center, and ultimately gain access to valuable and sensitive information. And the fact is, traditional endpoint protections alone, like anti-virus and firewalls, won't stop them.

To effectively address current and future threats, organizations must make the move to invest in next-gen endpoint security. This advanced protection leverages Artificial Intelligence (AI) to recognize potentially dangerous threats – both known and unknown – in real time without the need for signatures, increasing speed-to-action via a proactive, streamlined security protocol.

## Considerations for Adopting a Next-Gen Endpoint Security Solution

When looking to take endpoint security to the next level to better mitigate risk, here are some questions to ask yourself as you get started:

- Are you looking to reduce staff/improve resources by automating your security?
- What tools, if any, do you have in place for detection and response?
- Are you looking to automate cloud-based security analytics?
- Do you have a cloud strategy for the next 18–36 months? If so, is security a consideration?
- What is the state of application visibility for your data center?

## At-a-Glance: Why Advanced Threats Require Next-Gen Defenses

	Typical Malware	Advanced Threats
Scope	Broad and General Thousands of users at once	Narrow and Focused Specific users and companies
Presence	Noisy Quickly discovered	Quiet and Stealthy Takes months to discover, often by third parties
Mode of Operation	Automated	Operated by Malicious Actor
Damage	User Impact Lost productivity, reimaging costs	Corporate Impact Enormous costs, loss of customer loyalty and revenue
Detection and Prevention	Blacklist-based AV Signatures	Requires a New Approach

## THE SOLUTION

CDW can help you understand the specific facets of a next-gen endpoint solution:



### USER BEHAVIOR ANALYTICS (UBA) AND ENDPOINT DETECTION RESPONSE (EDR)

Traditional endpoint security and anti-virus can't provide the flexible, immediate reporting required to keep pace with modern cybersecurity threats. UBA and EDR allow admins to actually see a threat in real time as it's making its way through the network, giving them the power to detect, react and respond in-house when and where threats actually occur versus having to wait for a signature or for a pattern to emerge.



### DATA CENTER

Next-gen endpoint security protects more than endpoints – it also helps protect your data center. What if a virus or code is trying to "phone home" and attack the data center from an end user's laptop? Components like EDR can police the data center network to determine if a user's host is compromised and, if so, what information the intruder is trying to find and which file stores are being targeted for ransomware.



### SERVICES

CDW works closely with partners and third parties to provide comprehensive services tools to augment next-gen endpoint security offerings. These can include:

**Wire scan.** A listen-only mode that provides visibility into in-house applications to enable profiling of them prior to policy setting in order to prevent any shutdown of business that can occur from "false positives" related to "good" data and applications used by the business.

**Threat hunting and risk mitigation.** Taking the burden of threat detection off IT staff to maximize resource efficiency, streamline deployment and management, achieve cost savings, and eliminate both the need to run multiple consoles and the need to run security applications on-premises, or house data on physical servers, by moving those tasks to the cloud.



### SUPPLEMENTARY SUPPORT

**Cloud Consulting Services.** CDW Cloud Consulting Services reduce the complexity of cloud migration and help improve security. We'll help you create a strategy that fits your organization's goals and meets your needs – and focuses on the key elements of a successful, secure cloud deployment.

**Cloud Migration Services.** To support next-gen endpoint security, CDW will create a secure migration strategy based on your specific needs, and then safely and securely transition your IT assets and data from your physical and virtual servers to a new cloud environment, including conducting a post-migration assessment. We'll do the same to transition your database and applications from your in-house infrastructure, as well as virtualize your physical servers if desired.

## ORCHESTRATING THE SOLUTION

As a trusted partner to leading hardware, software and services vendors, CDW can orchestrate the ideal next-gen endpoint security solution to meet your organization's specific security goals and enterprise needs.

Request a free security scan at [CDW.com/threatcheck](http://CDW.com/threatcheck) or contact your CDW account manager at **800.800.4239** for more information.

