# Security solutions for a changing landscape

Amazing happens when employees are protected with strategic security solutions.

Today's security professionals face a challenging array of evolving threats in the modern workplace. From the expanded threat surface presented by hybrid work models to the increasing availability of AI-powered malware tools for bad actors, there's no "one-and-done" solution anymore. Security must continually evolve to keep pace.

At CDW, we help you embrace and utilize the latest strategies and solutions to protect your users, your data and your organization. Our experienced teams listen to your needs and design end-to-end solutions to help you deter, detect and manage the latest threats.

Whether you need the latest technology, expert advice or a strategic partner, CDW has the solution for you.
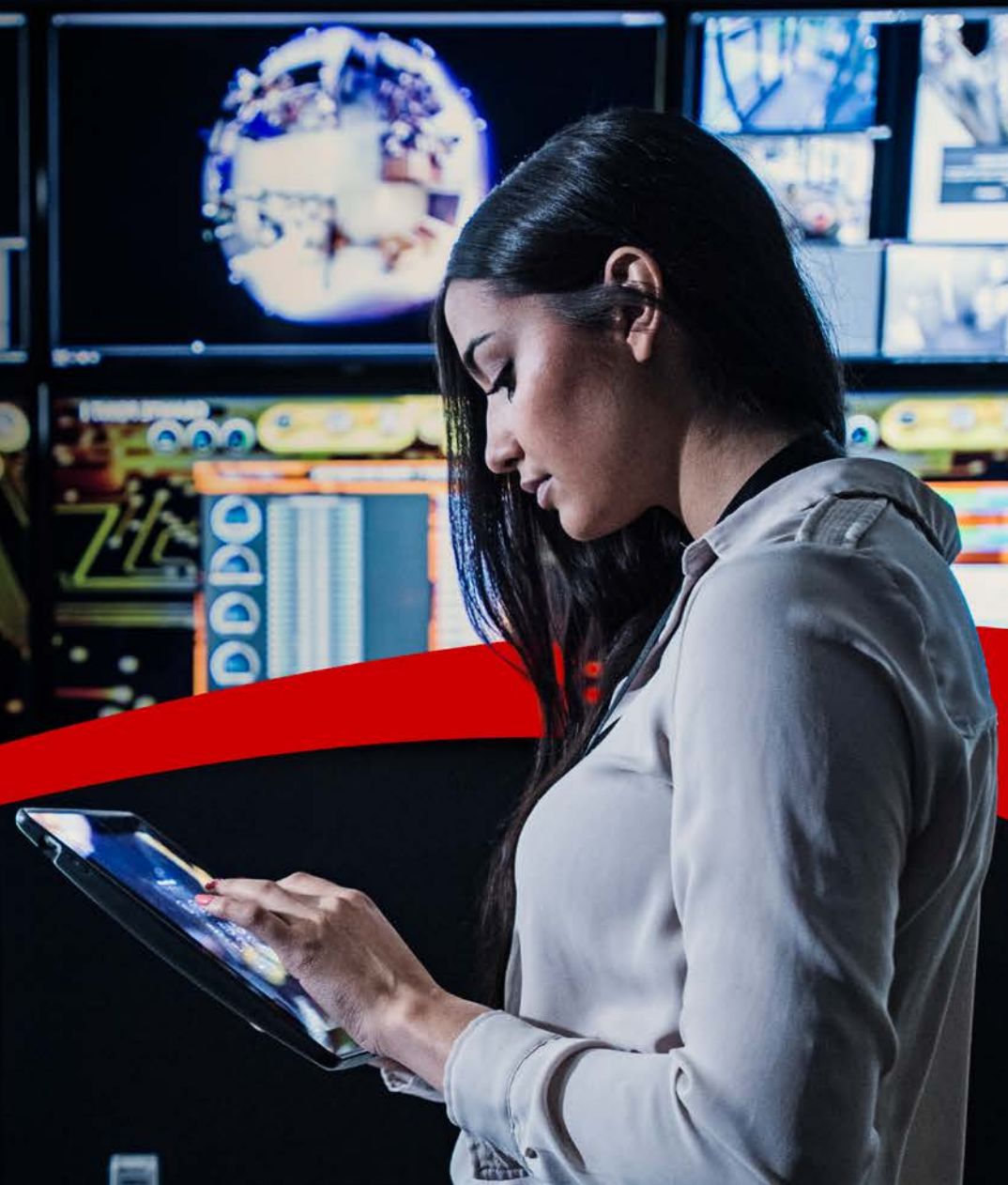
Expertise

Access Valuable Expertise for Any Security Challenge

Whether you're looking to upgrade specific components of your cyber defenses or seeking to redesign your entire security approach, we can help with advisory and consulting services.

CDW security advisers and consultants apply experience, knowledge, resources and partner relationships to help you address issues, prepare for organizational change and improve responsiveness to meet evolving threats. We empower you to stay on the cutting edge of security technology and discover solutions that make the most sense for your organization.

Our approach

We understand that there isn't a one-size-fits-all approach. Your security solutions need to be future-focused. As your organization grows, your security should remain seamlessly scalable.

With a full range of assessments, designs, orchestrations and managed services, CDW experts help you mature and scale security solutions that support your business objectives without slowing down innovation.

Proven service-level agreements (SLAs)
Industry-leading performance against SLAs means predictability, continuity and agility.

End-to-end service
Everything you need from one vendor.
Less risk, less paperwork and less hassle.

THREAT AND VULNERABILITY
- Penetration Testing
- Web App Testing
- Threat/Vulnerability Platforms Patch and Vulnerability Management
- Incident Response
- Managed Scanning

SKILLS AND TRAINING
- Cyber Workforce Development
- Offensive & Defensive Security Courses
- Cloud Security Courses
- Programming and DevSecOps Courses
- Data Science and Analytics Courses
- Solution Training (AWS, Cisco, Palo Alto)

SECURE INFRASTRUCTURE
- Security Architecture and Design
- Next-generation Firewall
- Endpoint Protection
- Email and Web Security
- Intrusion Detection & Prevention (IDS/IPS) loT Device Assessment and Strategy
- Managed Firewall
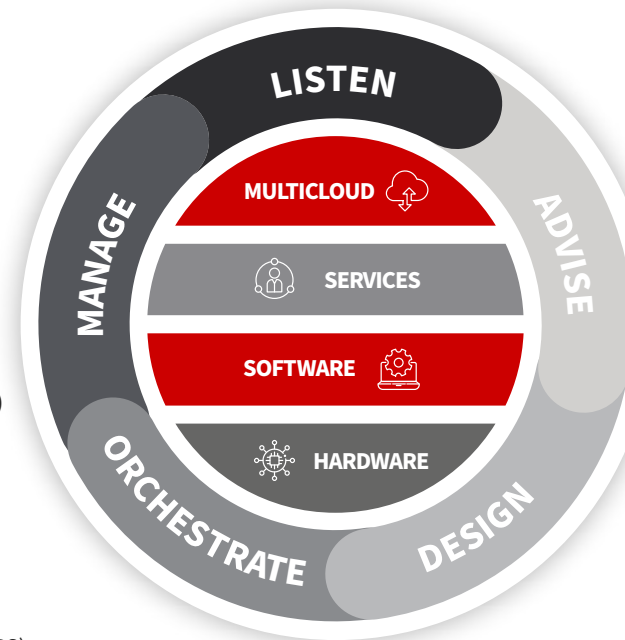
IAM
- Rapid Assessments and Strategy IAM, IGA and PAM Implementation
- User Rights and Access Reviews
- Solution Selection and Bakeoffs
- SIEM Deployment and Configuration
- Managed IAM/PAM Support

PHYSICAL SECURITY
- Video Surveillance
- Video Management
- Video Intelligence
- Biometrics
- Readers and Credentials
- Environmental Sensors

SECURITY RISK, COMPLIANCE AND PROGRAM CONSULTING
- Strategy Workshops
- Technology Bakeoffs and POCs
- Compliance (GDPR, CCPA, HIPAA, CMMC)
- Framework Maturity Assessments
- Full-scope PCI DSS Services
- Zero Trust Assessments
- GRC and IRM

LISTEN
MULTICLOUD
SERVICES
SOFTWARE
HARDWARE
MANAGE
ADVISE
ORCHESTRATE
DESIGN

Customer Outcomes

Focused on Driving Outcomes

We're committed to helping you achieve your security goals

Improving production uptime
- Business process continuity
- Cyber resilience
- Cyber liability

Enabling innovation for growth
- Digital transformation
- Agility and mobility
- Mergers and acquisitions

Driving operational efficiency
- Reducing security tool stack sprawl
- Vendor/partner consolidation
- Security program budgeting

Addressing compliance/risk
- Emerging regulatory guidance (SEC)
- Cyber supply chain risk reduction

Reducing cyber risk
- Break risk reduction
- Security strategy and roadmapping
- Cyber risk measurement and communication

Evolving customer experiences
- Customer self-service
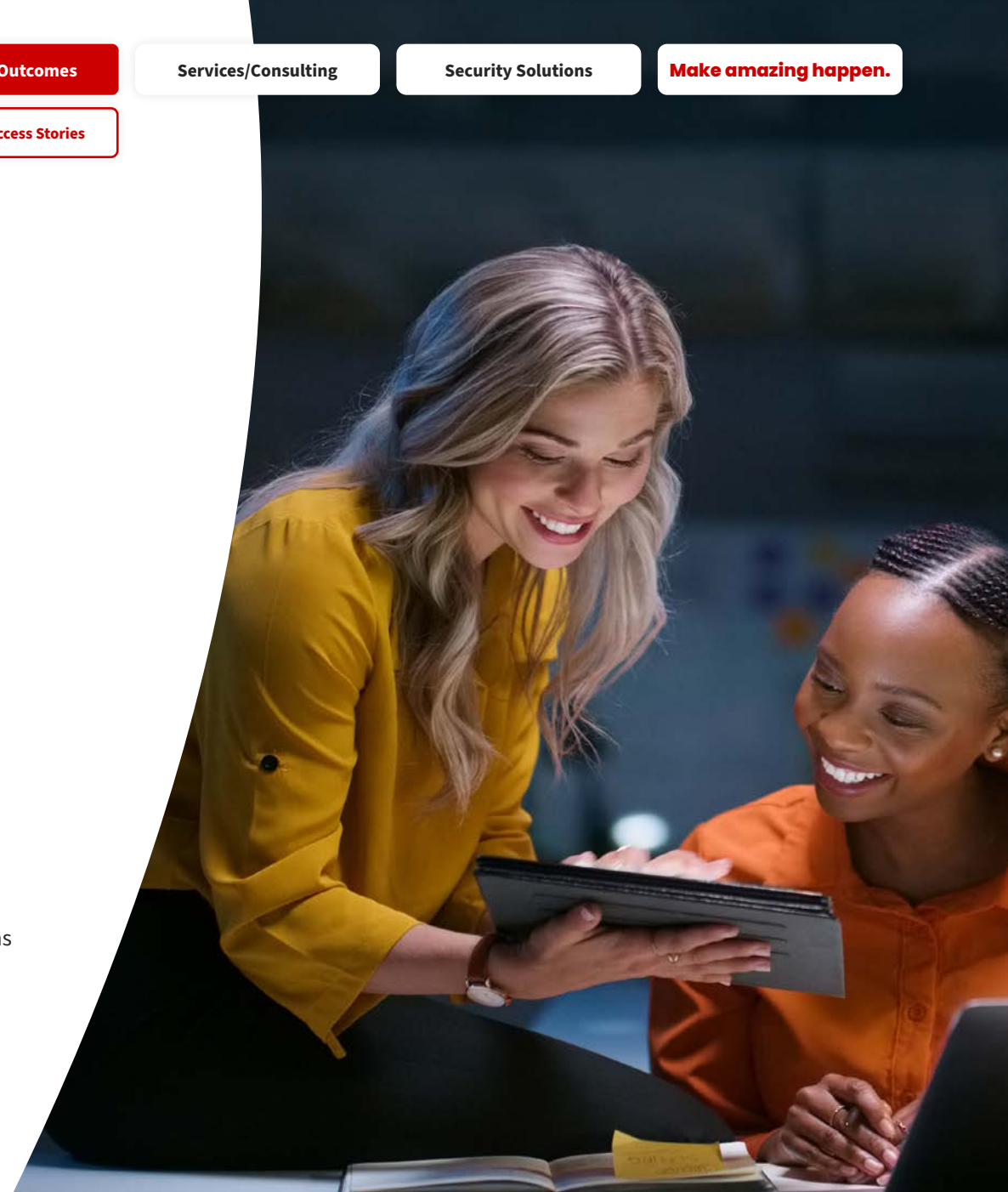- Improved customer experience
- AI-powered user experience

Protecting environmental, social and governance priorities
- User data privacy
- Customer trust and awareness
- OT strategy and managed OT security

Breaking resource and talent limitations
- Security talent shortage
- Outsourcing strategies

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Customer Success Stories

Achieving Outcomes for Our Customers

CDW security solutions are aligned to your business outcomes, with products and services designed to drive innovation, increase value from your technology investments, improve agility, manage risk, and optimize the customer and employee experience.

Defending critical assets from ransomware and other threats: Securing customer data against ransomware.

Challenge: A ransomware attack locked out nearly 100% of the customer's systems.

Solution: CDW teams contained the breach, rebuilt the data environment in the cloud, and got the customer's sales team up and running.

Outcome: Response and remediation were complete in less than 36 hours.

Growing through M&A without increasing cyber risk: Securing Active Directory after a merger.

Challenge: M&A activity created a host of security, risk and operational issues stemming from disconnected Active Directory environments.

Solution: CDW performed an assessment to provide a clear picture of architecture, governance and management processes for the directory and evaluated the security posture against best practices. CDW then built out a full Active Directory integration plan.

Outcome: CDW delivered a migration and integration that solved several challenges, reduced security/access risk and resulted in cost savings for the customer.

Enabling innovation with secure cloud and hybrid infrastructures: Securing the cloud in AWS, Azure and Alibaba.

Challenge: A global manufacturer needed to secure its Alibaba QA and production environments in advance of a major IoT release. The company needed to align standards across continents and cloud platforms without delaying the launch.

Solution: CDW led a rapid mobilization effort, utilizing security best practices the company was using in Azure and AWS, and translated it into the Alibaba cloud environment.

Outcome: CDW delivered on a tight timeline, providing the manufacturer with an environment it was comfortable with while also training its internal resources on how to secure an Alibaba cloud.

Designing and delivering full-stack zero-trust solutions: Achieving identity and access management (IAM) at scale in a distributed medical environment.

Challenge: The organization was concerned about its ability to manage, secure and scale its large endpoint user community in a cost-effective manner.

Solution: CDW conducted an initial assessment, provided enterprise security guidance, implemented IAM systems and integrated with over 2,600 endpoints.

Outcome: The organization was able to establish and implement an identity platform with proper governance that gave seamless and secure access to its thousands of end users.

Security **Expertise** **Customer Outcomes** **Services/Consulting** **Security Solutions** **Make amazing happen.**

Security, Risk, Compliance and Program Consulting **Threat and Vulnerability Management** **Technical Training** **Managed Services**

Security Risk, Compliance and Program Consulting

World-Class Technology Solutions, Expert Advisory Services, Managed Services and Customized Testing

We facilitate a comprehensive approach to security and the execution of repeatable, measurable programs. We work to ensure your long-term security posture by evaluating your current security state and developing an actionable roadmap to an optimized state.

Discover
- Solutions portfolio review
- PCI scoping and education
- Cloud workshop

Assess
- Program assessment
- Architecture assessment
- Healthcare Meaningful Use
- Regulatory Framework Assessment
- Compliance assessments: GDPR/PCI/HIPAA/NIST

Design
- Program roadmap and development
- Policy and procedure development
- Third-party risk management
- Remediation plan creation

Implement
- Security program initiation
- Solution design and deployment
- GRC tools
- Risk management and governance tools

Optimize/manage
- Solution optimization and tuning
- vCISO

CDW's vCISO service helps you rapidly mature your security practices with embedded support from a seasoned security expert.

Our vendor-neutral vCISOs are available for project- or time-based engagements to help you assess, define and execute new security strategies aligned to standards and compliance regulations.

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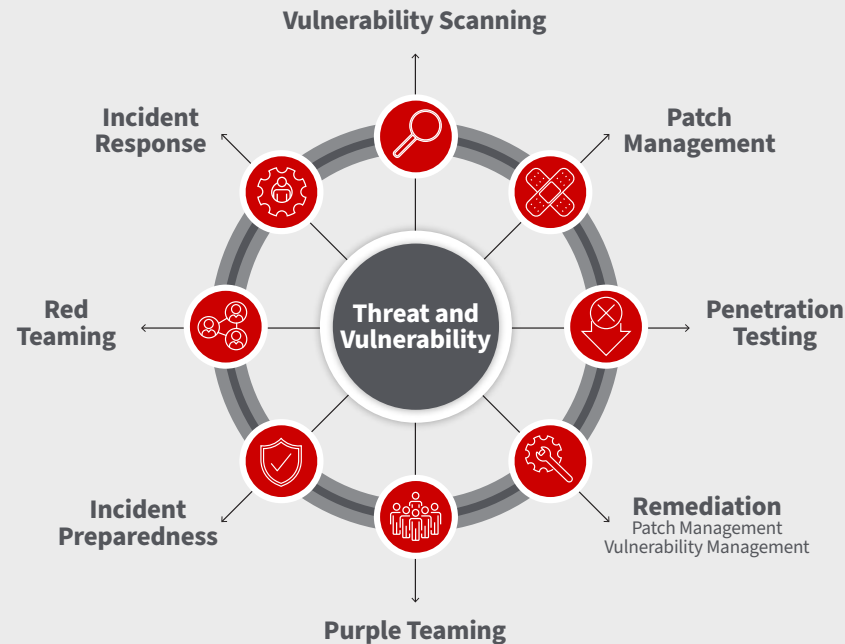| | **Security, Risk, Compliance and Program Consulting** | **Threat and Vulnerability Management** | **Technical Training** | **Managed Services** |

Threat and Vulnerability Management

Strengthen Defenses with Technical Assessments, Remediation and Response Services

CDW's Threat and Vulnerability Management services are specifically designed to strengthen detection and remediation programs while closing security gaps.

By combining penetration testing, vulnerability, patch management and incident response services, CDW can lead or assist as you remediate high-priority gaps and design stronger detection and incident response programs to mitigate the risk of compromise or data loss.

Considerations for Implementing Effective Incident Response Capabilities

Threat and Vulnerability

- Vulnerability Scanning
- Patch Management
- Penetration Testing
- Remediation
  Patch Management
  Vulnerability Management
- Purple Teaming
- Incident Preparedness
- Red Teaming
- Incident Response

- Do I understand my business risk?
- Have I identified the types of assets and information that need to be protected?
- Have I secured an executive sponsor?
- Has my organization developed a security strategy and communicated it effectively?
- Do I have the right team assembled?
- Do they understand their responsibilities during an incident?
- Do I have the right tools in place to ensure timely incident detection and response?
- Have I developed a formal incident response plan?
- Have I tested the efficacy of my current incident response plan and processes?

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Technical Training

Strengthen Your Team with the Latest Skills and Technologies

In today's evolving technology landscape, it's imperative that your team has the skills and training to manage threats and leverage the latest technologies.

CDW's IT and security training aligns the needs of your workforce with the goals of your technology project, ensuring your team has the skills to support and optimize your tech stack long term.

Our courses and programs are high-value, flexible and relevant. And they're available virtually or in person for individuals, teams or enterprise programs.

- Application development courses
- Artificial intelligence and machine learning courses
- Cloud computing courses
- Security courses
- Data analytics and data management courses
- IT and security frameworks courses
- Solution training (Cisco, Fortinet, Microsoft, Palo Alto)

30,000 students trained

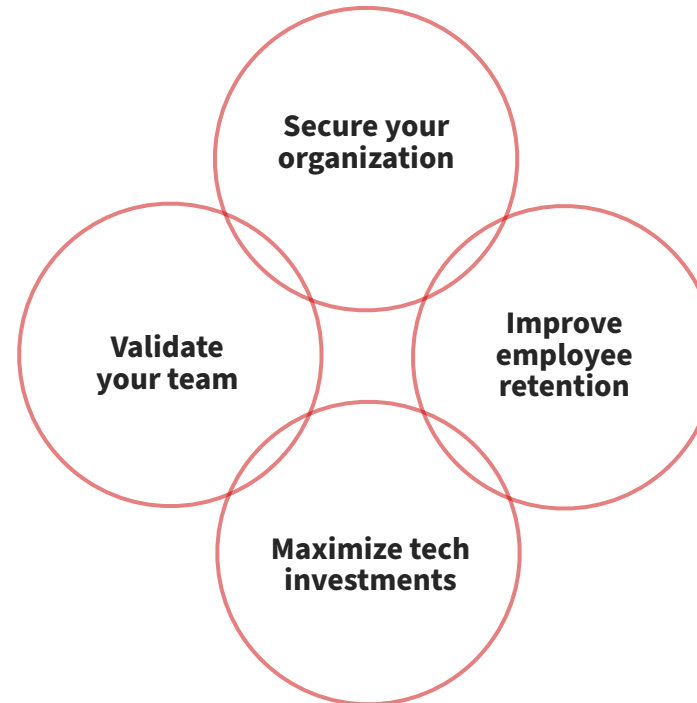**4.9/5** average instructor rating

6,000+ badges issued

100+ courses available

CDW Believes Strongly in the Concept of Workforce Development

From the process of defining, measuring, training and validating your teams emerges a long-term strategy to ensure your team has the skills to protect and enable your business-critical functions.

We take a programmatic approach to workforce development, providing practitioners with training programs designed to help them reach their career goals.

Secure your organization

Validate your team

Improve employee retention

Maximize tech investments

71%

of leaders say they have unfilled security positions.

Senior openings outnumber entry-level openings twofold

Source: ISACA and Adobe, "State of Cybersecurity 2023"

| Security | Expertise | Customer Outcomes | Services/Consulting | Security Solutions | Make amazing happen. |

| | | Security, Risk, Compliance and Program Consulting | Threat and Vulnerability Management | Technical Training | Managed Services |

Managed Security Services

Take the Burden Off Your Team

Managed backups
A full suite of managed backup solutions including air-gapped, immutable copies of on-premises, SaaS and cloud data.

Managed vulnerability scanning
Evaluate vulnerabilities across the ecosystem, analyze the effectiveness of security mechanisms, and prioritize and mitigate risk.

Managed patching
Industry-leading solutions to patch, track and harden network devices, servers, endpoints and software.

Managed SIEM
Offload day-to-day monitoring, tuning and management tasks with 24/7 SOC expert support to triage, investigate and enrich alerts.

Managed behavioral analytics
Enhance visibility with asset and user analytics designed to trigger security investigations and threat hunting based on abnormal notables.

Managed identity
A range of customizable managed services, compatible with all major IGA, AM and PAM technologies, provided by certified resources.

Managed next-gen firewall
Proactive management and 24/7 monitoring of firewalls with service levels designed to maximize the latest next-gen firewall features.

Managed endpoint protection
The highest level of endpoint security maturity, delivered immediately, without the burden of building and managing it.

Managed security automation
Improve time to remediate and isolate security incidents with automation and orchestration playbooks supported 24/7 by security analysts.

Managed OT security
Proactive management and incident remediation for operations-critical environments.

42,000 security incidents resolved by CDW Managed Services per year

Who we work with

CDW leverages best-in-class solutions to deliver 24/7 managed support.

CHECK POINT

CISCO Partner

COMMVAULT

CROWDSTRIKE

exabeam

FORTINET

IBM
Platinum Partner

Microsoft

paloalto NETWORKS

TANIUM

tenable

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| **Secure Infrastructure** | **Cloud Security** | **Physical and OT Security** | **Data and Apps** | **IAM** | **Incident Response** |

Secure Infrastructure

Secure Your Entire Infrastructure — On-Premises and in the Cloud

Whether your organization relies on a cloud-based, on-premises or hybrid model, you need to make sure your entire organization is secure — from the data center to the edge. CDW can ensure you're covered.

Next-generation firewalls
Assess, build, migrate and consolidate next-gen firewalls with the help of certified and field-trained CDW engineers who specialize in top firewall solutions like Fortinet and Prisma Access.

Security architecture and design
Evaluate your business goals and your technology landscape to develop a strategy and design an architecture that meets your needs.

Endpoint protection
Design and deploy endpoint protection solutions like CrowdStrike Falcon and build a roadmap for adoption and integration.

IDS/IPS
Identify and mitigate both known and unknown (zero-day) attacks with IDS/IPS to inspect traffic that has passed though the front-line devices — such as firewalls — and to identify anomalous behavior.

IoT device assessments
Gain visibility into and control over the IoT devices on your network to improve your ability to respond to issues and threats.

Network Segmentation Workshop
Understand how to leverage existing tools and skill sets to gain traffic visibility, segment the network, enforce security controls and monitor the network using a phased approach.

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Cloud Security

Manage Your Cloud Security Effectively

Today, cloud is about how software works together across boundaries to enable not only agility, but also choice of the best cloud for each workload. Regardless of whether you're operating a hybrid or multicloud environment, security should be the cornerstone of any cloud strategy.

CDW has the tools to help you assess vulnerabilities and ensure the right protocols are in place across your cloud platform.

Solutions and services

- Cloud security posture management
- Cloud security architecture
- Cloud access security broker
- Secure Access Service Edge (SASE)
- DevSecOps

Best practices: CDW Cloud Security Posture Management (CSPM) solutions

CDW's Cloud Security Posture Management (CSPM) solutions help organizations solve potential liabilities related to visibility, configuration, compliance and ongoing management of the cloud environment.

This technology supports adherence to security best practices and regulatory requirements, facilitates inventory management, and provides log and alert capabilities. It essentially provides governance, risk management and compliance capabilities for cloud environments and has four primary elements:

1. Configuration management

CSPM tools assess environments against target compliance or security rules and alert IT staff or automatically make the necessary fixes. Proactive identification and elimination of improper configuration is essential because it reduces cloud risks.

2. Threat intelligence

Threat intelligence encompasses data related to threats and vulnerabilities, as well as bad actors, exploits, malware and indicators of suspicious activity or compromised systems (making it a critical capability for the cloud).

3. Multicloud support

When multiple cloud services communicate with each other, the landscape becomes even more difficult to parse. CSPM restores control and oversight to cloud ecosystems that can quickly feel unmanageable if they're not subject to proper controls.

4. Continuous compliance

CSPM tools assess compliance against specific sets of rules and best practices. Equally important, organizations can choose to have CSPM tools automatically make corrections to maintain compliance, even as circumstances shift either within the requirements or the cloud environment.

Physical and OT Security

Securing Your Total Perimeter

CDW knows that security doesn't stop at your endpoints — securing your people, property and premises requires integrated physical and OT security solutions.

CDW's Physical Security team offers end-to-end solutions for the biggest security challenges, with a deep OEM network featuring leaders in video surveillance, access control and environmental sensor markets. Designing and deploying these solutions while integrating them with the latest AI and security technologies allows CDW to provide advanced, layered security that better protects and repels threats.

Design
- Envisioning workshop
- Site assessment and system design
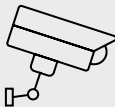- Camera selection and placement

Orchestrate
- Camera and sensor deployment
- Door controller installation
- Video management system and access control implementation
- Software and analytics integration

Manage
- Monitoring services
- Day 2 support

Physical security solutions

Video surveillance
- Video management systems
- Cameras
- Edge computing
- Integrated video infrastructure

Sensors
- Air quality, atmospheric
- Audio, vibration
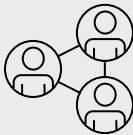- Imaging, LIDAR
- Panic buttons, mobile alerts

Access control
- Access control systems
- Doors, turnstiles, gates
- Readers, biometrics, credentials
- Visitor management

Video intelligence
- Video analytics
- AI
- Computer vision

OT security

CDW provides an experienced team of technical support operations managers and engineers to manage and support your specific OT security platform and related operational services as needed.

We offer a dedicated primary support point of contact with working knowledge of your OT security environment in addition to a multitiered administrative and engineering support team.

Our team will rapidly receive and respond to all support requests through a formalized support escalation process and assign work as required to your team of dedicated support engineers.

Our OT security support includes:
- 24/7 incident response and troubleshooting services
- 24/7 operational management
- Solution enhancement services as needed

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Data and Applications

Ensure Your Data Defenses Can Combat Evolving Threats

Are you prepared to protect your data in a changing security landscape? With cyberattacks growing in volume and complexity, and data and apps residing everywhere and being accessed from anywhere, it's time to adopt a zero-trust philosophy.

CDW provides a wide range of solutions to handle your data protection needs:

- Application security
- Security intelligence and analytics
- DLP strategy and roadmaps
- Data protection programs
- Data discovery, handling and classification
- Web app firewalls (WAF)

Defining Data Protection: The Essential Components of a DP Strategy
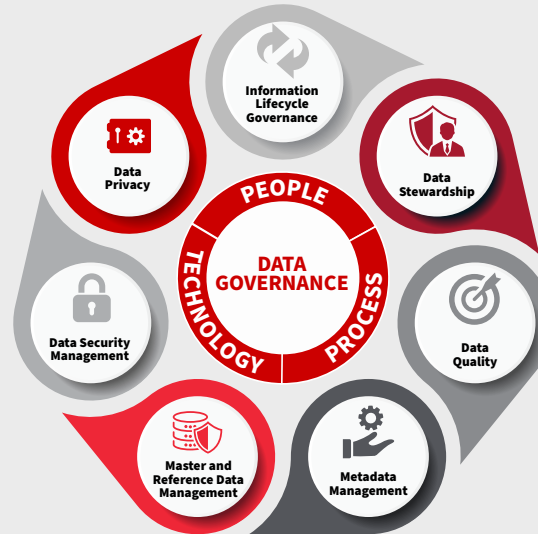
Data protection is the process of **safeguarding** important information from corruption, compromise or loss (unintentional or otherwise).

This requires a holistic approach and a comprehensive data protection (DP) strategy.

- The importance of a data protection strategy increases as the amount of data created and stored grows at unprecedented rates.
- Additionally, organizations, executives, boards, shareholders, customers, regulatory bodies and others have very little tolerance for downtime.

Key Considerations for Strengthening Security Effectiveness

Do I have the visibility I need across my entire environment?

Can I identify what data I need to protect on-premises and across the cloud?

Can I identify which people and devices are connecting to my network?

Do I have insight into which devices they're using and which applications they're accessing?

How regularly do I conduct threat assessments and red and blue team exercises?

How quickly can I detect, mitigate and recover from a cyberattack, if one occurs?

For cyber-risk insurance purposes, have I evaluated the value of my data and what the impact would be if exfiltration occurred?

How resilient is my environment?

Do I have the proper tools in place to detect breaches and reduce time to response?

How often do I test my backup/ recovery systems?

Do I have procedures in place to comply with SEC cybersecurity disclosure rules?

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| **Secure Infrastructure** | **Cloud Security** | **Physical and OT Security** | **Data and Apps** | **IAM** | **Incident Response** |

IAM — Identity and Access Management

Overcome the Authentication Challenge

Cyberthreats related to identity and credential exploits are on the rise with new challenges from AI-powered attackers, complex multicloud environments and increasing regulatory scrutiny. Many organizations lack proper credential and account access protections, leaving the door open for breaches.

Robust identity management involves a multilayered security strategy and approach, which CDW can provide through:

- Rapid assessments and strategy
- IAM, IGA and PAM implementation
- Role-based and attribute-based access control (RBAC/ABAC) modeling
- Solution selection and bake-offs

Cyberthreats related to identity and credential exploits are on the rise, especially with the prevalence of remote and hybrid work.

90%

of respondents experienced an identity-related breach in the past year

Source: Identity Defined Security Alliance, "2024 Trends in Securing Digital Identities"

Incident Response Team

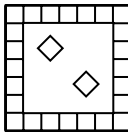## CDW Is Ready to Help Before and After Security Incidents

Preparation is key when responding to credential theft, malware outbreaks, security breaches and other essential security incidents.

Proactive services

Program development

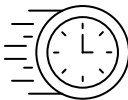Jump-start for new programs or optimizations for existing programs.

Tabletop exercises

Rehearse roles, responsibilities and action plans during a simulated incident.

Compromise assessment

Identify suspicious activity on endpoints, servers, networks, Microsoft 365, etc.

Reactive services and retainers

When you add CDW's retainer-based Security IR Services to your security plan, the paperwork is handled up front, meaning there's no delay between discovery on an incident and our response.

Our retainer services provide 24/265 incident response support with an RTO of two or four hours, depending on the selected package.

Recovery services

This service focuses on quickly aiding customers with the recovery and remediation of their environment after a significant cyber incident such as a ransomware event.

Amazing happens when security powers business innovation.

Partner with CDW for your cybersecurity needs

Team credentials and certifications

500+ security professionals

60+ cyber defense experts

80+ risk, governance and strategy experts

30+ security and advisory consultants

110+ IAM advisers, engineers and architects

30+ workforce specialists

350+ delivery-focused professionals

60+ infrastructure engineers and architects

10+ PhySec engineers and architects

150+ presales and support coworkers

300+ managed service professionals

40k+ security solutions delivered

Credentials

CDW's security teams blend training and certifications from industry organizations, vendors and CDW proprietary methodologies. Sample certifications include:

Industry	Vendor
CISSP	**Cisco** CCNPs and CCIEs
CISA	**Splunk** Certified Consultants and Enterprise Architects
CIPP	**AWS** Cloud Security Architects
PCI QSA	**Microsoft** Certified Systems Engineers
CEH	**Palo Alto** Certified Network Security Professionals
PMP	**SailPoint** Certified Engineers and Architects
CSM	**Okta** Certified Professionals, Administrators, Architects
Juris Doctor	**CyberArk** Certified Delivery Engineers

Standards bodies

CDW sponsors, supports or aligns methodologies with the training and resources of the following standard-setting bodies:

CSA cloud security alliance®   iapp

IDENTITY DEFINED SECURITY ALLIANCE   ISACA

ISC Internet Systems Consortium   NACD

NIST   PCI Security Standards Council

The Institute of Internal Auditors Elevating Impact

World-class technology partnerships

With one of the largest technology partnership portfolios in the industry, CDW can support a full stack of security solutions. Our top partnerships include:

CHECK POINT | cisco Partner | Cribl | CROWDSTRIKE | CYBERARK | Delinea | EXTRAHOP

f5 | Forcepoint | ForgeRock | FORTINET | IBM Platinum Partner | Microsoft | mimecast | netskope

okta | paloalto NETWORKS | PingIdentity | proofpoint | SailPoint | Saviynt | SentinelOne

SOPHOS | splunk> | sumo logic | TANIUM | tenable | TREND MICRO | zscaler

Discover how CDW's security capabilities can help your organization achieve its true potential.
Contact your account team or give us a call at 800.800.4239.

CDW