Hewlett Packard Enterprise

Leverage a comprehensive framework for digital security

HPE Cyber Reference Architecture

Get the cyber resiliency you need to drive constant innovation and prepare for increasingly complex threats. All with a comprehensive vision of cyber security.

Realize these benefits

- Accelerate protection of your digital enterprise; get security solutions built faster, cheaper, and with less risk.

- Increase cyber situational awareness; detect and respond faster to advanced threats.

- Ensure security is adapted and appropriate to protect critical information assets and business processes.

- Increase cyber resilience to recover from attacks—with minimal impact.

- Leverage a unified methodology—that has a holistic view of security—to align, govern, and steer your business toward its strategic objectives.

Know your risks

In a dangerous world, you must protect your digital enterprise. As the bad guys get smarter, cyber threats grow in frequency and sophistication. Attacks originate internally or externally, from the cloud, or any point in between. Some are malicious, others unintended. All have the potential to severely damage your brand, reputation, and financial performance.

Add to that complex regulations, which are more costly than ever before. Organizations must protect data and privacy, or face substantial compliance penalties. Mobility, hybrid computing, and other transformational technologies hold great promise, but the New Style of Business also creates unique security challenges.

Traditional security focuses on reactive, stand-alone solutions deployed and managed primarily at the IT level. They worked for a time. But in today's more difficult risk environment, those obsolete methods no longer suffice.

For the digital enterprise to thrive, organizations must proactively identify and manage risk. Innovation requires security. People need to feel safe. Companies must keep pace with dynamic threats by weaving security into the very fabric of their enterprise. Your digital business needs protection.

Confront the threats

Get the best solution from Hewlett Packard Enterprise (HPE) with HPE Cyber Reference Architecture (CRA)—a comprehensive approach to security in the digital age. Highly structured and granular, HPE CRA leverages a common framework to address known and emerging threats. It's technology agnostic and closely aligned with relevant industry standards and best practices.
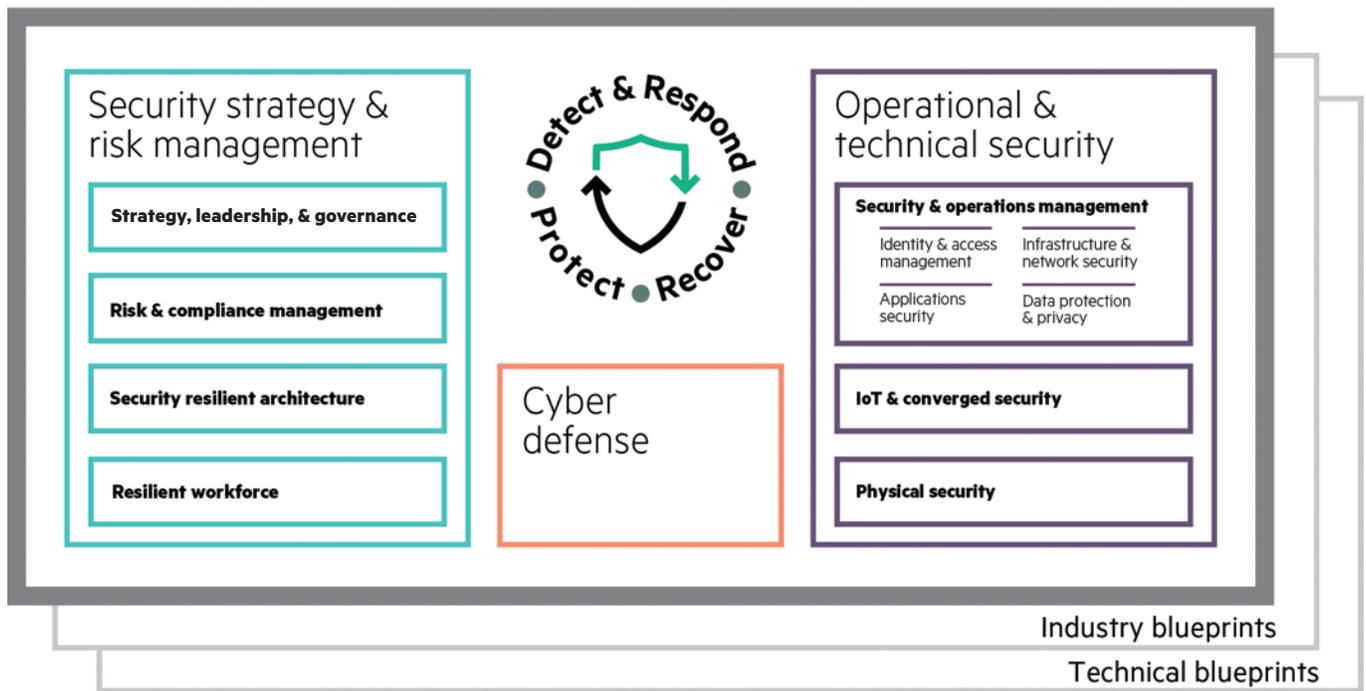
As realized through CRA, HPE advocates a proactive and integrated approach to cyber security. This starts with a clear understanding of risk across the organization, driven by your priorities, and focused on critical assets and interactions to manage risk and security throughout the enterprise.

Understand the scope

Get exceptionally broad and deep protection with HPE CRA. It offers detailed security solutions across 60+ functional and industry-specific subdomains and provides 300+ distinct security capabilities.

This robust approach defines specific, proven solutions for cloud, mobility, Internet of Things (IoT), machine-to-machine, vehicles, industrial controls, and other complex cyber security challenges. The architecture establishes security blueprints for core components and initiatives needed to tackle security challenges in this emerging idea economy.

HPE Cyber Reference Architecture

Security strategy & risk management
- Strategy, leadership, & governance
- Risk & compliance management
- Security resilient architecture
- Resilient workforce

Detect & Respond · Protect · Recover

Cyber defense

Operational & technical security
- Security & operations management
  - Identity & access management
  - Infrastructure & network security
  - Applications security
  - Data protection & privacy
- IoT & converged security
- Physical security

Industry blueprints
Technical blueprints

HPE CRA was built based on our experience in monitoring billions of threats globally. It is used every day and updated regularly by HPE lead consultants and architects. It provides an unmatched foundation to understand, transform, and manage best-in-class cyber security solutions.

Gain real protection

Our framework encompasses three core principles of cyber security—protect, detect and respond, and recover. It delivers strategic, tactical, and operational solutions. And it addresses people, process, and technology variables that impact security in the digital environment.

To proactively detect and respond to active threats, risk management approaches need to shift and focus on building security into the fabric of their organization. With HPE Cyber Reference Architecture, you get concrete guidance to help protect your organization's critical business assets and interactions among users, applications, and data—regardless of location or device.

Work with the best

HPE offers unparalleled expertise in the design, transformation, and management of cyber security solutions.

Our formal security intelligence and threat research leverages billions of correlated security events every month—giving us a deep understanding of threats and adversaries, and providing you with actionable security intelligence.

We have 40+ years of experience in delivering digital resilient solutions, with thousands of security professionals providing end-to-end cyber protection for enterprises worldwide.

With HPE Security Services, you get end-to-end security consulting and managed security services to help protect your organization by building security into the foundation of your enterprise. This proactively detects and responds to advanced threats and complies with requisite regulations, while enabling business continuity.

Start a conversation

Work with Hewlett Packard Enterprise to begin your security transformation journey. To explore your enterprise security opportunities, contact the specialists at HPE for a 360-degree cyber-risk assessment.

Learn more at
hpe.com/services/security

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