Hewlett Packard Enterprise

HPE CYBER SECURITY BEST PRACTICES TO PROTECT YOUR BUSINESS

60%

of small companies are unable to sustain their businesses over six months after a cyberattack.[1]

$9.5M

is the average annualized incident cost.[1]

14s

the time that another business has become a victim of ransomware.[2]

23 days

average ransomware attack time to recovery.[2]

[1] "Moor insights: HPE locks down server security"

[2] "Comprehensive server restoration with Hewlett Packard Enterprise," Moor Insights and Strategy, 2018

Are you truly prepared to protect your business from a cyberattack in times of uncertainty?
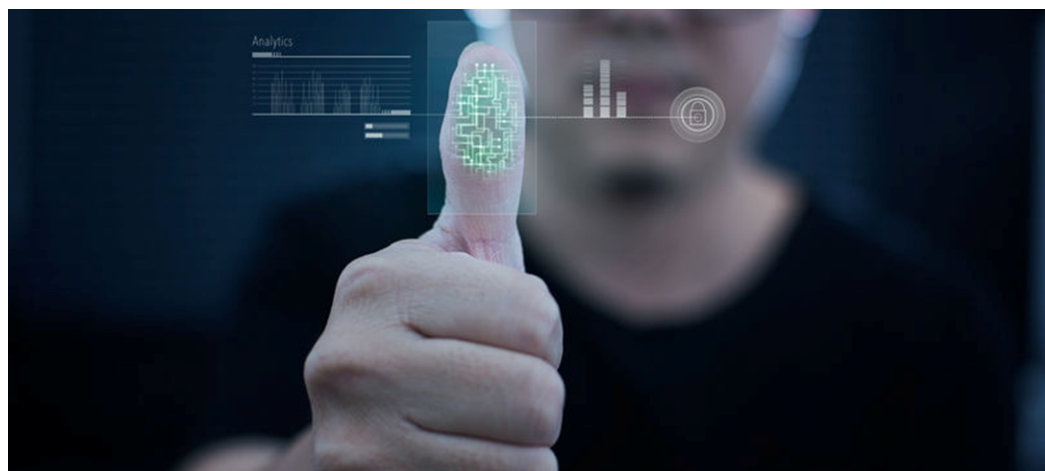
In unprecedented circumstances, customers are looking for solutions to support business continuity. Businesses are forced to do more work remotely and take extreme steps to protect our employees and brands. It is even more critical for corporations to examine how business was previously conducted and be conscious that "normal" may be different after this crisis has passed, especially when it comes to security. Many companies will change their business processes and become more remote but in doing this we add new risks. Can our current system handle this change of workload? Can we secure the end user? These are truly unparalleled times and, sadly, criminals will take this opportunity to try and exploit enterprises and individuals.

HPE has the security arsenal to protect your business!
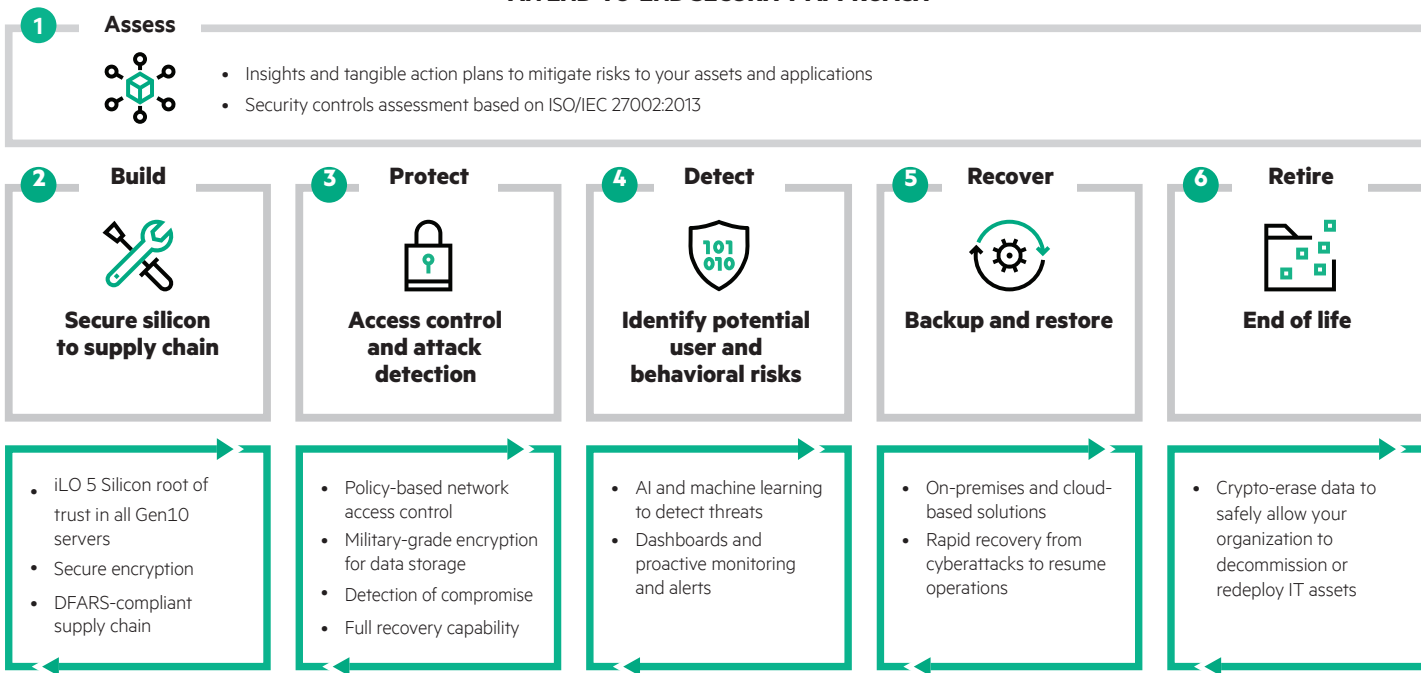
SECURITY BEST PRACTICES

HPE follows a holistic security strategy to protect your organization's infrastructure. From the hardware supply chain to your device's end of life, HPE provides comprehensive security to detect and prevent unauthorized access as well as rapid recovery from disasters. To do all of this, we focus on six key steps throughout the life cycle of your infrastructure:

1. **Assess:** Before building any cyber security solution, you will need a plan. HPE can help you determine exactly what solution your agency needs to meet your specific security challenges. Our **HPE Pointnext** experts can provide insights and tangible action plans to mitigate risks to your assets and applications.

2. **Build:** Today's threats are constantly evolving to infiltrate your network. With HPE, you can protect your infrastructure through a secure root of trust, available in all **HPE Gen10** servers. While we carefully choose our partners and suppliers, our encrypted root of trust adds an additional layer of protection.

AN END-TO-END SECURITY APPROACH

1 Assess
- Insights and tangible action plans to mitigate risks to your assets and applications
- Security controls assessment based on ISO/IEC 27002:2013

2 Build

Secure silicon to supply chain

- iLO 5 Silicon root of trust in all Gen10 servers
- Secure encryption
- DFARS-compliant supply chain

3 Protect

Access control and attack detection

- Policy-based network access control
- Military-grade encryption for data storage
- Detection of compromise
- Full recovery capability

4 Detect

Identify potential user and behavioral risks

- AI and machine learning to detect threats
- Dashboards and proactive monitoring and alerts

5 Recover

Backup and restore

- On-premises and cloud-based solutions
- Rapid recovery from cyberattacks to resume operations

6 Retire

End of life

- Crypto-erase data to safely allow your organization to decommission or redeploy IT assets

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iLO Advanced 60 day Trial

https://www.hpe.com/us/en/resources/integrated-systems/ilo-advanced-trial.html

Designed for the enterprise environment, the HPE iLO Advanced license unlocks all the management features needed to securely configure, optimize, and support the servers that power the enterprise business. With the convenience of full remote capability via your browser or mobile device, HPE iLO Advanced enables your servers to do more for your business in less time.

2. HPE Get 6-Nines Guarantee, HPE Nimble Storage," September 2017.

Make the right purchase decision. Contact our presales specialists.

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3. **Protect:** Access control and attack detection protect your HPE infrastructure with policy-based network-access control, military-grade encryption for data storage, intrusion detection, and full recovery capabilities. With **Aruba ClearPass**, you can easily take charge of your network, prevent unauthorized access to sensitive information, and further harden your network against cyberattacks.

4. **Detect:** HPE takes a proactive approach to monitoring. With user and entity behavior analytics (UEBA), our infrastructure uses AI and machine learning to detect threats and flag any suspicious activity.

   HPE Integrated Lights-Out (iLO) can help you configure, monitor, and update your HPE servers seamlessly, and HPE iLO Advanced gives even more cyber security control with runtime firmware validation. With **HPE Infosight**, you have full visibility in a single pane of glass.

5. **Recover:** Get your services back online quickly. HPE leverages on-premises and cloud-based solutions to provide backup and rapid recovery from cyberattacks. **HPE Nimble Storage**, for example, leverages flash storage and predictive analytics to eliminate the gap and guarantee 99.9999% availability, delivering the best all-flash capacity per terabyte in the industry - and future-proofing design for value today and in the future[2]

6. **Retire:** When the time comes to retire your hardware, HPE can help you safely decommission or redeploy your IT assets. **HPE iLO Advanced** can securely erase user data, ensuring that your servers are wiped clean before end of life.

WHY HPE

Our holistic approach to cybersecurity protects your organization throughout your infrastructure's life cycle. But don't take our word for it. Marsh, a global leader in cyber insurance, has worked with other leading insurance companies to create the Cyber Catalyst[SM] program to establish a baseline for cyber security solutions and recognize those that are compliant. Both HPE's exclusive Root of Trust and Aruba Clearpass are certified under the Cyber Catalyst program for their ability to reduce risk.

GET STARTED

Cyber security is a critical issue for municipalities today, but HPE can help you navigate the risks. Let us protect your agency—and more importantly your citizens—with the holistic security needed to address threats both today and tomorrow.

LEARN MORE AT

hpe.com/security

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