



Confidently Protect Applications and Data with FlexPod's Cybersecure Architecture

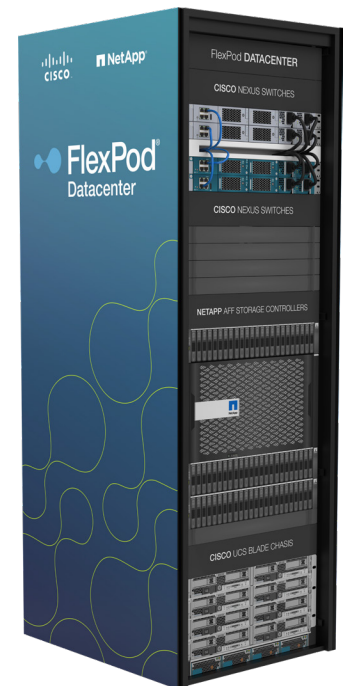
FlexPod, developed in collaboration by Cisco and NetApp, provides a secure IT infrastructure to protect applications and data from unauthorized access, detect threats early to keep data safe, and to recover data quickly to eliminate downtime.

Overview

In today's interconnected world, where information and data are critical assets, organizations face increasing threats from cybercriminals. According to a recent study, the cost of cybercrime for organizations is expected to reach \$10.5 trillion per year by 2025.¹ The expenses associated with cyberattacks include direct financial losses, reputational damage, legal fees, customer compensation, and potential regulatory fines.

Almost 60 percent of organizations indicated they had experienced some kind of cybersecurity incident in the last 12 months² and 96 percent of CEOs have

indicated that cybersecurity is critical to organizational growth and stability.³ Hence, investing in a secure IT infrastructure is crucial for customers to protect their digital assets and mitigate the risks associated with cyberthreats. A secure IT infrastructure provides numerous benefits, including safeguarding sensitive data, preserving customer trust, and ensuring business continuity. Overall, investing in secure IT infrastructure is a proactive approach that can help customers maintain the integrity, confidentiality, and availability of their applications and data, ensuring their long-term success and resilience.



- [1. Cybercrime Magazine](#)
- [2. Cisco Cybersecurity Readiness Index](#)
- [3. The Cyber-Resilient CEO Report](#)

How we deliver a secure FlexPod

FlexPod cybersecure architecture helps organizations safeguard their digital assets through the implementation of protocols, technologies, and practices to prevent unauthorized access, detect potential threats, and respond quickly and effectively to incidents.

- **Protect** – FlexPod provides a holistic approach to safeguard systems, management, data, and applications. Trust is established and enforced through device hardening, segmentation, least-privileged access, NIST adherence, and an end-to-end secure value chain. FlexPod goes further by encrypting data in transit and at rest, and its zero-trust architecture, featuring multi-administrator verification and multifactor authentication, thwarts rogue actors. With FlexPod, your infrastructure is fortified against threats, and your assets are kept secure.
- **Detect** – FlexPod quickly detects, analyzes, and responds to threats, thus

preventing loss and corruption of data. Our technologies analyze, correlate, and classify threats and anomalous network and storage behavior. FlexPod utilizes telemetry from compute, network, and storage infrastructure combined with machine learning to analyze access patterns and keep you a step ahead with alerts highlighting abnormal file access, data misuse and theft alerts, and file forensics to determine what files may have been compromised. Keep data safe with a smart, secure infrastructure solution.

- **Recover** – FlexPod swiftly addresses your data protection and recovery in the unlikely event of a data breach or ransomware attack by quickly blocking user access upon detecting anomalies and conducting detailed forensic analysis for future prevention. With policy-based server profiles and data recovery capabilities, FlexPod can restore servers and data in minutes to ensure a fast resumption of operations.

FlexPod cybersecure architecture



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Benefits

- Keep your IT infrastructure secure with a zero-trust architecture that safeguards systems, management, data, and applications
- Prevent loss and corruption of data with a smart, secure infrastructure solution that quickly detects, analyzes, and responds to threats
- Swiftly restore servers and data in minutes to ensure a fast resumption of operations in the unlikely event of a data breach or a ransomware attack

FlexPod: A secure platform you can trust

Cisco and NetApp have collaborated to develop FlexPod's cybersecure architecture to protect applications and data from unauthorized access, detect threats early to keep data safe, and recover quickly to eliminate downtime. With FlexPod's zero-trust model, organizations can establish a strong foundation to confidently secure their applications and data from unauthorized access and potential breaches. By investing in a secure infrastructure, organizations can maintain the integrity, confidentiality, and availability of their applications and data, ensuring long-term success and resilience in an ever-changing cybersecurity landscape.

For additional information, visit cisco.com/go/flexpod.
