

SUPERCHARGED SECURITY for Hybrid and Multi-cloud Environments to Fuel Business Growth

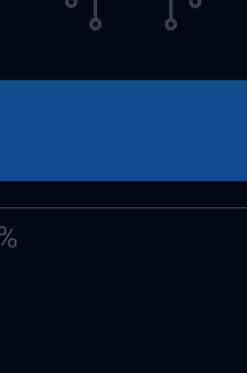
Organizations today are under pressure to digitally transform and optimize productivity and innovation, and they need security that supports their workloads across hybrid and multi-cloud environments. Cisco can help organizations modernize their security program to protect applications no matter where they reside, while supporting faster development and business growth.

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The Need for Security to Support Applications Across Distributed Environments

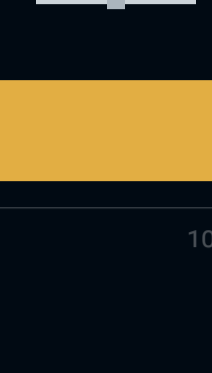
Organizations are increasingly leveraging public cloud infrastructure to utilize state-of-the-art computing platforms without worrying about underlying infrastructure or maintenance. At the same time, they need to support their applications in on-premises environments. This makes it challenging for security teams to support the move to cloud services and to manage workloads that are distributed across multiple cloud platforms and on-premises environments.

TODAY

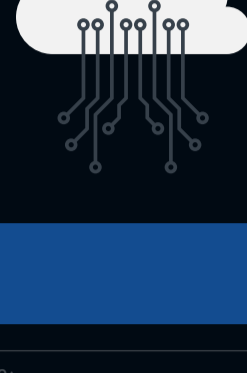


Percent of production applications/workloads running **on public cloud services (i.e., IaaS and PaaS),**
49%

Percent of production applications/workloads running **on on-premises infrastructure,**
51%

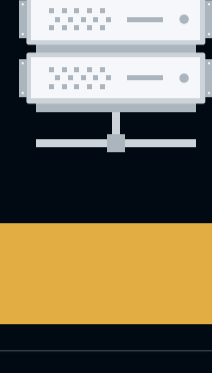


24 MONTHS FROM NOW



Percent of production applications/workloads running **on public cloud services (i.e., IaaS and PaaS),**
53%

Percent of production applications/workloads running **on on-premises infrastructure,**
47%



“A majority (63%) of organizations use **three or more** cloud service providers (CSPs).”

- Melinda Marks, Practice Director, Cybersecurity, Enterprise Strategy Group



Security tops the list of challenges faced by working with multiple CSPs, followed by issues of scale and ensuring application availability and performance.



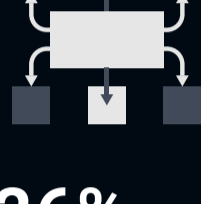
31%
Meeting security expectations



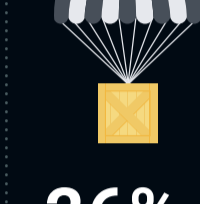
30%
Managing different APIs



29%
Integrating continuous integration/continuous delivery (CI/CD)



26%
Network interconnect availability/differences



26%
Implementing a consistent deployment methodology

For cloud migrations, security is a top concern, followed by cost and time.



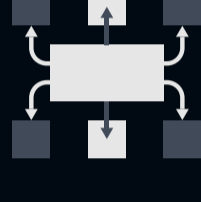
25%
Meeting security expectations



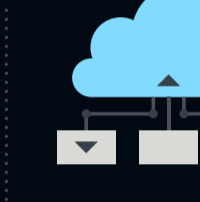
25%
Meeting cost expectations



25%
Time and cost of learning different architectures



24%
Network interconnect availability/differences



26%
Time and effort moving apps/data between multiple public cloud services

Effective Security Strategy to Support Growth

Security teams want to enable growth and innovation instead of blocking it. These current pressures demand effective security risk management and protection for applications across environments. This has been challenging as teams work to adapt their programs to support the increased growth and scale of applications across environments.

The biggest cloud security challenges are around consistency, permissions, and scale.



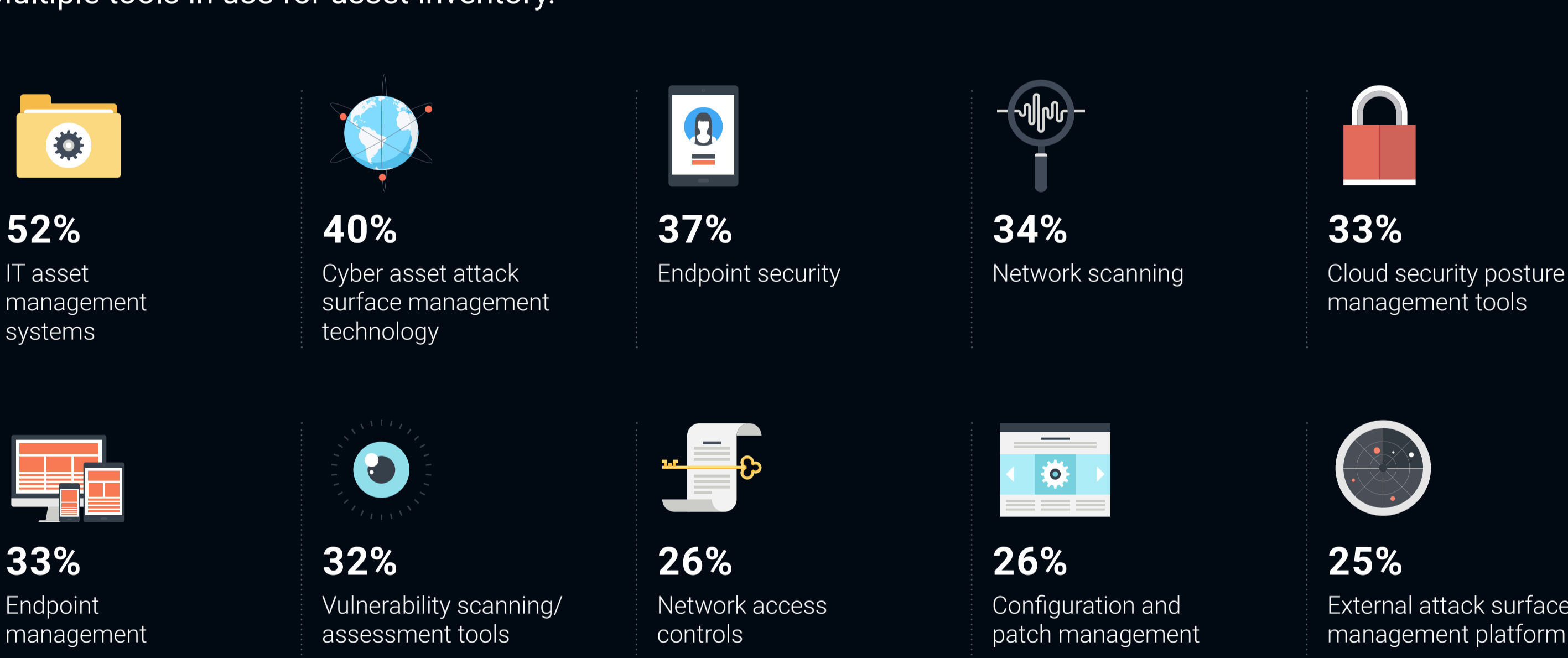
Top 3 challenges managing security across environments.



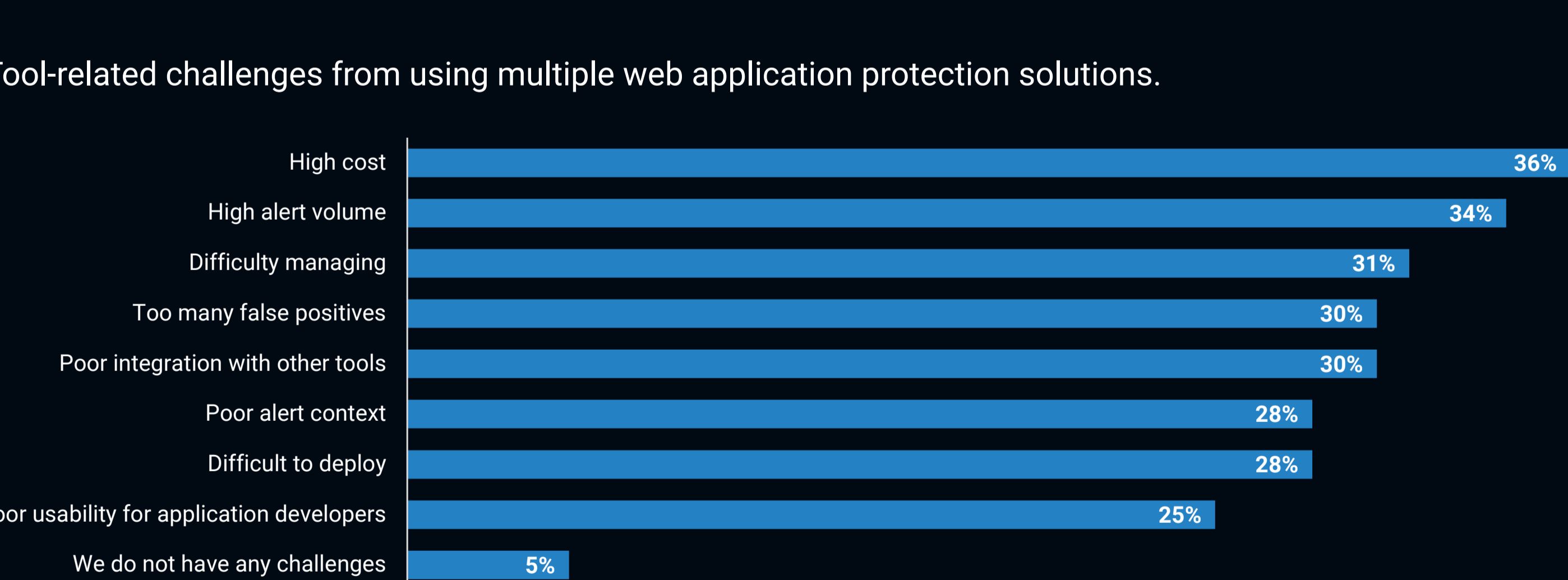
Moving From Multiple, Siloed Tools to a Higher-efcacy Solution

Organizations are also currently challenged using too many separate security tools that are difficult and time-consuming for their teams. Instead, they should look for an approach that consolidates security tooling and provides visibility and monitoring of all applications across environments with one interconnected, dynamic framework. This increases security team efficiency and effectiveness with context across assets for faster security operations to mitigate risk and respond quickly to threats.

Multiple tools in use for asset inventory.



Tool-related challenges from using multiple web application protection solutions.

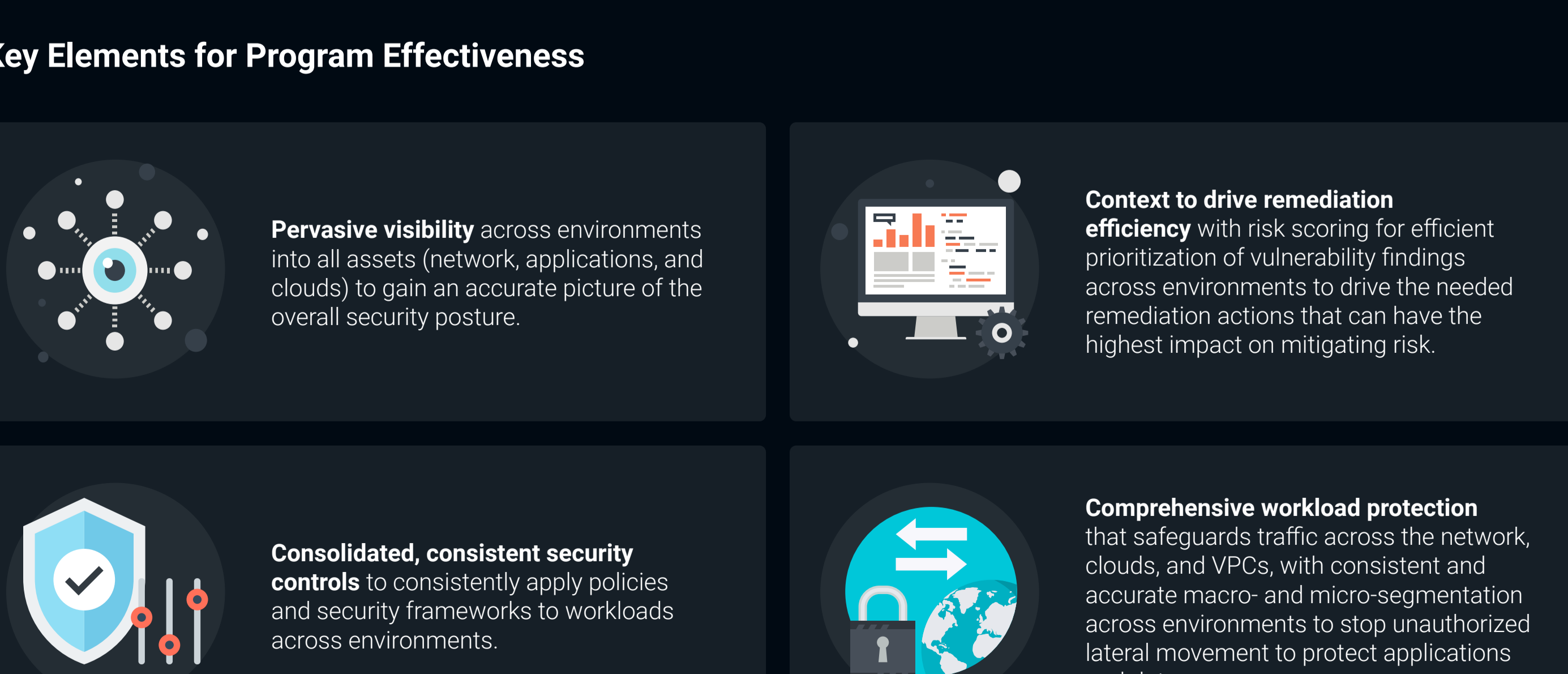


Top 4 management-related challenges from using multiple security tools across different environments.

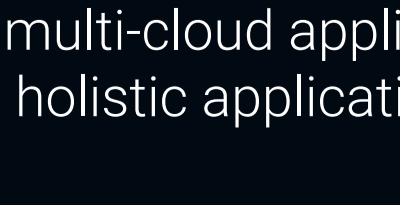


Organizations require an effective way to manage security across environments with consistency of processes and controls to protect applications no matter where they reside so security teams can scale to support increased productivity and growth.

Key Elements for Program Effectiveness



The Cisco Cloud Protection Suite delivers a modern application security approach with end-to-end security for hybrid and multi-cloud application environments. Safeguarding workloads across environments, both on-prem and in the cloud.



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