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NETWORKS

HCLTech Cloud Security-as-a-Service (CSaaS) powered by Palo Alto Networks

Integrating cloud security for accelerating
business resilience

Cloud adoption challenges



Expanded attack surface —

Multi-cloud/hybrid cloud environment concepts with global data residency compliance requirements have expanded the breadth of the attack surface. The complexities of enterprise environments, viz., cloud-native, legacy apps and increased data sprawl in such applications have led to an increased attack surface that can be easily exploited by targeted attacks.



The exponential increase in 'cloud native'—

The need to build scalable enterprise applications has led to the adoption of cloud native. Maintenance of the right security posture of containers, service meshes, microservices, immutable infrastructure and declarative APIs is a major concern for enterprises.



Governance, security and global compliances—

With enterprises now sharing their IT infrastructures with cloud providers, the risk of non-compliance vis-à-vis security and regulatory norms has increased considerably. Also, a clear demarcation of the shared responsibility of IT management between cloud providers and enterprises is sometimes very complicated.



Concentrated data exposure— With the digital transformation in the form of cloud migration, the IT environments of enterprises and cloud service providers have become more prone to cyberattacks.

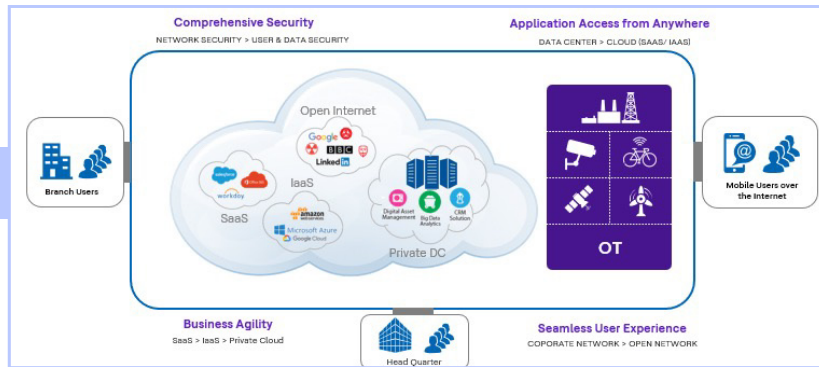


Lack of expertise— The ever-changing nature of the cloud, coupled with an increase in the variety of workloads, has led to a steep rise in the demand for skillful security architects to manage complex environments.



Our solution

With Cloud Security as a Service (CSaaS), HCLTech helps its customers easily migrate existing applications to the cloud or adopt new SaaS applications without hampering security and adhering to compliance requirements. CSaaS provides comprehensive protection to all kinds of applications, viz. SaaS, IaaS, etc., hosted anywhere, be it on a public cloud environment or private cloud/on-prem data center, and it can be accessed by all users from anywhere and any device, thereby maintaining enhanced user experience.



HCLTech has partnered with Palo Alto Networks to provide 360° superior protection to an enterprise's environment comprising a hybrid/multi-cloud. Palo Alto Networks has a diverse product portfolio, including:

- 1 Prisma Cloud** – Provides cloud security posture management, cloud workload protection, cloud network security and IAM security, thereby securing cloud-native infrastructure and applications using a single dashboard.
- 2 Cortex** – This provides the Security Operations Center (SOC) with complete visibility, advanced AI/ML analytics and end-to-end automation via its Cortex Xpanse, XDR and XSOAR solutions.
- 3 Prisma access** – A complete SASE solution that delivers networking and security services from the cloud, secures all apps traffic and provides autonomous digital experience management for users.
- 4 Strata** – A network security platform delivering best-in-class security across the enterprise



HCLTech provides its customers the roadmap to enhance their security posture in conjunction with :

- 360° services comprising strategy and architecture, transformation and integration, and managed security services
- Continuous assessment and transformation of security posture via HCLTech's dynamic cybersecurity framework
- Seamless delivery models through an experienced pool of resources
- All-round visibility and protection of the enterprise environment through Palo Alto Networks security controls

Cloudsec Unified Vulnerability Management

Service: Visibility, Compliance and Governance controls across clouds and applications throughout build, deploy & run — with 'shift left' approach across DevOps through Prisma Cloud CSPM and Strata.

Cloudsec Governance, Risk and Compliance:

HCLTech's cloud governance and compliance maintenance with risk management and reporting service

Cloudsec Protection Service:

Security for cloud workloads and network communications through Prisma Cloud, Prisma Access, Strata and Cortex XDR



Cloudsec Identity Service:

Establish and monitor access control measures while integrating with IAM and secrets management tools through Prisma Cloud.

Cloudsec Monitoring Service:

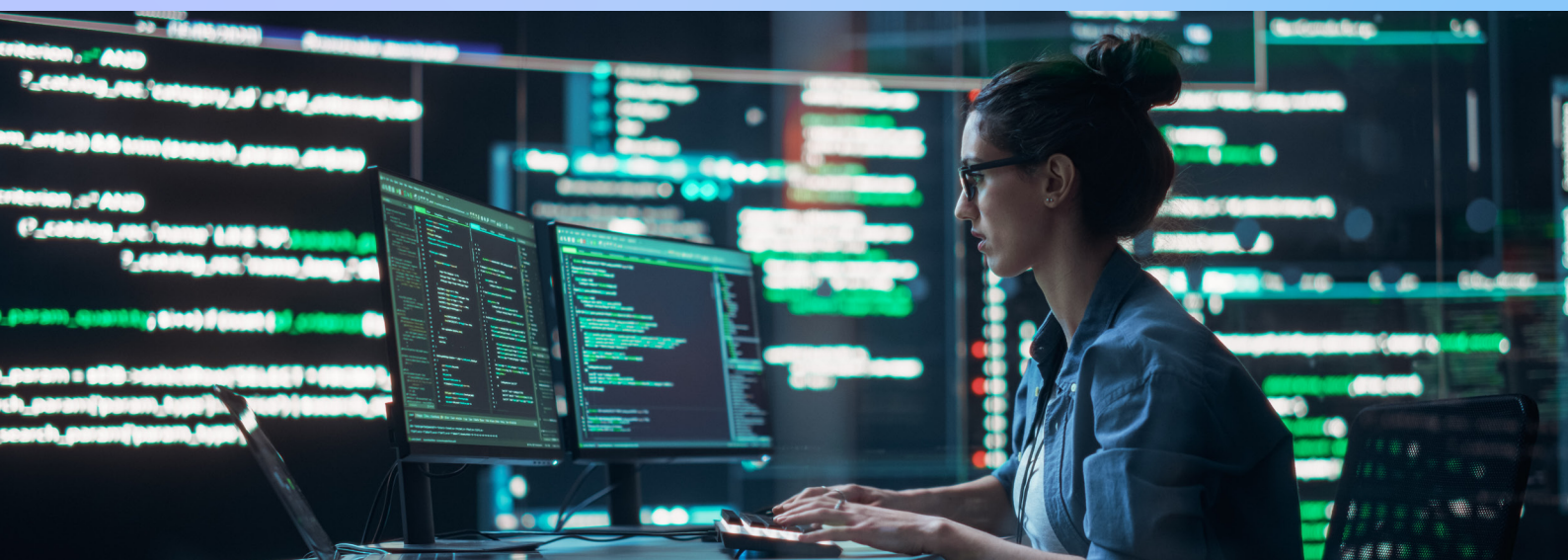
Network visibility, asset discovery, anomaly detection, automated investigation and remediation of insecure configurations across cloud platforms through Prisma Cloud, Cortex XSOAR, Strata and Cortex XDR.

Cloudsec Data Security:

Service data discovery and security through Prisma Cloud CSPM

Cloudsec Advisory Service:

HCLTech's advisory service to align and integrate security policies with enterprise business policies



Joint value proposition

- HCLTech security frameworks and diverse industry experience help our customers to improve their security posture across a hybrid infrastructure and meet the NextGen security and compliance requirements
- HCLTech offers Skills at Scale to design and run robust security architecture for multi-cloud deployment models
- Palo Alto Networks offers cutting-edge products and solutions that protect customers from unforeseen threats
- HCLTech offers best-in-class solutions, services and flexible consumption models wrapped around Palo Alto Networks product platforms delivered jointly
- Agile service delivery model, innovation and scale to meet enterprise business needs



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