Protecting Your Cloud Workloads

Cyber security is a critical concern for organisations of all sizes and industries in today's increasingly connected world. And companies are being targeted on all fronts. Cyber attacks come in various disguises, ranging from hacking and phishing to ransomware and beyond, resulting in the theft of sensitive information, loss of revenue, and damage to reputation.

Companies need to ensure the confidentiality, integrity, and accessibility of all their critical systems and data at all times. The security landscape has changed drastically in recent years.

Today, companies work across distributed cloud environments, while end-users need anytime, anywhere access to data.

Instead of securing the perimeter to keep threats out, we must focus on securing the data itself. Cloud solutions come with strong security capabilities to make this happen but tailoring these to your needs isn't easy.

We help you assess your existing security posture, add extra protection to keep your data safe, before making sure you can quickly detect and respond to threats in your environment. It's a tried and tested approach that helps us find and fix your vulnerabilities.

Next, our Cloud Security team roll out additional security features to improve your protection. Whether you're taking your first steps into a cloud or you're well established, we provide valuable insights at every step of the way – from planning, implementation to ongoing support.

Ekco's Cloud Security Practice

Secure Cloud Workloads

Our services help organisations to secure cloud workloads by leveraging cutting-edge encryption, rigorous access controls, and proactive threat detection to maintain the highest standards of data protection and compliance. Our team of SMEs will provide design solutions tailored to your needs.
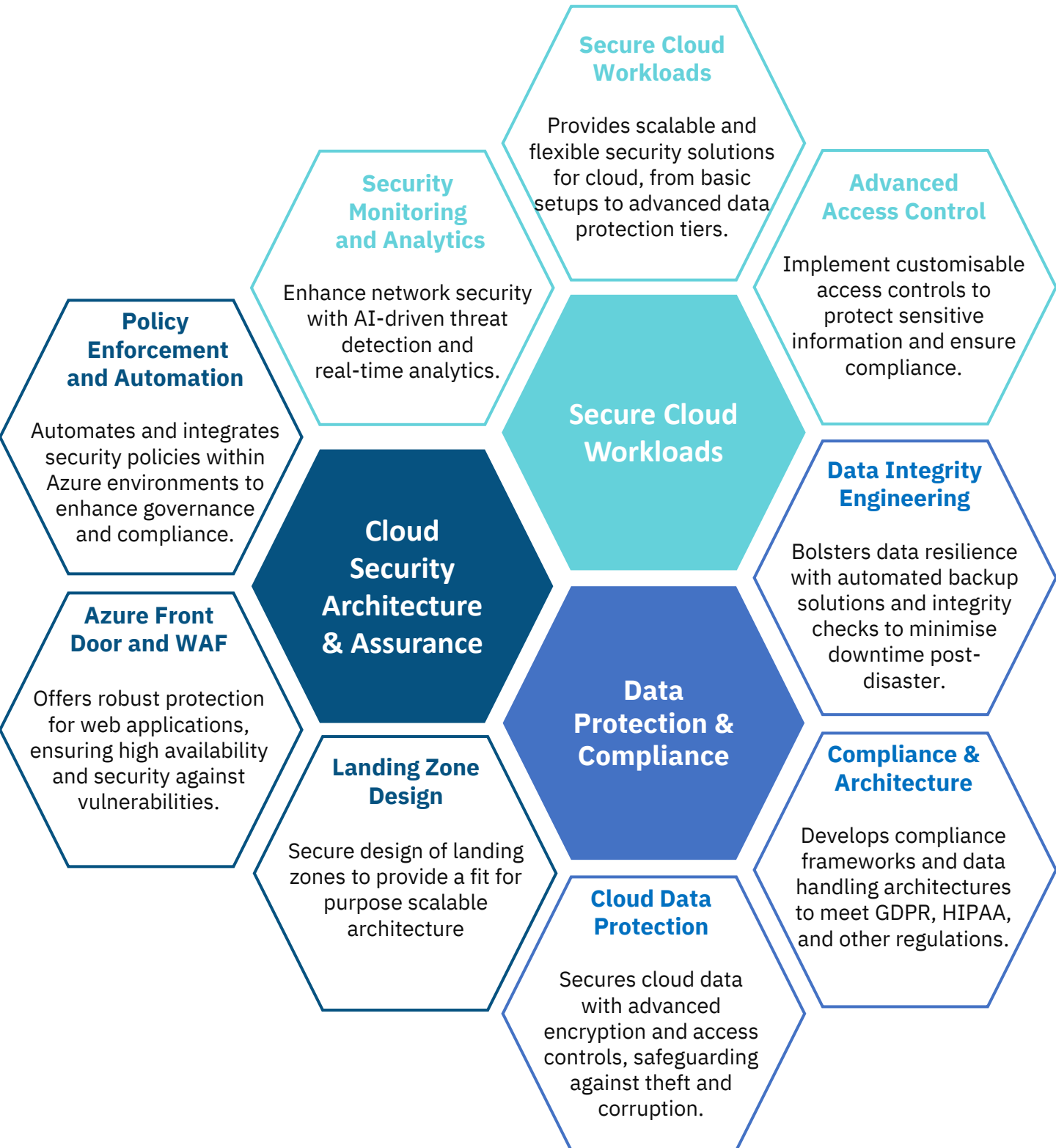
Data Protection & Compliance

Our team helps organisations to implement security measures and regulatory standards to safeguard sensitive information stored in cloud environments, ensuring it is accessed only by authorised personnel and is protected against breaches and unauthorised alterations.

Cloud Security Architecture & Assurance

Future-proof enterprise and cloud architecture solutions that enhance efficiency and security. With Ekco, take your business forward without looking back. Ekco help our customers to design cloud controls to enforce compliance.

Future-proof enterprise and cloud architecture solutions that enhance efficiency and security.

Secure Cloud Workloads

Provides scalable and flexible security solutions for cloud, from basic setups to advanced data protection tiers.

Security Monitoring and Analytics

Enhance network security with AI-driven threat detection and real-time analytics.

Advanced Access Control

Implement customisable access controls to protect sensitive information and ensure compliance.

Policy Enforcement and Automation

Automates and integrates security policies within Azure environments to enhance governance and compliance.

Secure Cloud Workloads

Data Integrity Engineering

Bolsters data resilience with automated backup solutions and integrity checks to minimise downtime post-disaster.

Cloud Security Architecture & Assurance

Azure Front Door and WAF

Offers robust protection for web applications, ensuring high availability and security against vulnerabilities.

Data Protection & Compliance

Compliance & Architecture

Develops compliance frameworks and data handling architectures to meet GDPR, HIPAA, and other regulations.

Landing Zone Design

Secure design of landing zones to provide a fit for purpose scalable architecture

Cloud Data Protection

Secures cloud data with advanced encryption and access controls, safeguarding against theft and corruption.

Secure Workloads

Service	Business Challenge	Ekco Service
Security Monitoring and Analytics	Organisations aiming to enhance their security with proactive, automated threat detection, ideal for those with compliance or high-security needs.	Our tailored threat detection seamlessly integrates advanced analytics and AI for real-time monitoring and identification. With sophisticated alert systems and audits, it offers deep insights into network and behavioural analytics, vital for improved security incident responses.
Tailored Security for Azure Cloud	Organisations leveraging Microsoft Azure requiring scalable security solutions to safeguard data amidst diverse compliance and operational requirements.	Ekco offer tailored security solutions for Azure, our service provides tiered security options from basic integration with Azure Active Directory to sophisticated data encryption and loss prevention methods.
Advanced Access Control Systems	Organisations with intricate security needs seeking customisable, robust access control systems to safeguard sensitive data effectively.	Ekco delivers advanced multi-factor authentication, dynamic role-based access control, and comprehensive IAM solutions. Designed to be adaptable and integrated with your existing IT infrastructure, our security frameworks incorporate biometric verification, mobile authentication, and hardware tokens for enhanced security management.

Data Protection & Compliance

Service	Business Challenge	Ekco Service
Data Integrity Engineering	Organisations seeking to bolster data resilience, ensuring rapid recovery post-disaster and maintaining data integrity to prevent data loss and corruption.	Our comprehensive service offers automated backup solutions and cutting-edge data integrity checks. We develop customised backup strategies employing advanced technologies such as incremental backups and snapshot technology, paired with stringent encryption for data protection during storage and transit, ensuring minimal downtime.
Cloud Data Protection	Organisations keen to protect their cloud-stored data from theft and corruption, aiming for top-notch security and compliance with standards like GDPR and HIPAA.	Our solution secures cloud environments through leading-edge encryption, stringent access controls, and proactive loss prevention mechanisms. We focus on maintaining the confidentiality, integrity, and accessibility of your data, ensuring it remains protected against corruption and theft.
Compliance and Architecture Project	Organisations required to comply with strict data protection regulations such as GDPR and HIPAA, aiming to secure and manage data responsibly.	We provide a tailored service to develop and implement compliance frameworks and sophisticated data segregation architectures. Incorporating robust encryption, access controls, and automated compliance workflows, our solutions ensure you remain aligned with GDPR, HIPAA, and other regulatory standards at all times.

Cloud Security Architecture & Assurance

Service	Business Challenge	Ekco Service
Azure Front Door and Web Application Firewall (WAF)	Organisations requiring robust web application protection to secure customer data and maintain high service availability.	We implement Azure Front Door to ensure high availability and optimal performance of web applications, complemented by custom WAF policies for targeted protection against common web vulnerabilities. Our solution offers comprehensive security with real-time monitoring and rapid incident response capabilities.
Azure Cloud Policy Enforcement and Automation	Organisations needing to integrate and automate security policies within their Azure cloud environments to enhance governance and compliance.	Our bespoke development of security policies utilises Azure Policy Blueprints and deployment stacks for automation and standardisation. This ensures consistent security practices throughout your cloud environment, integrated with Azure DevOps for continuous deployment and robust governance.