PROTEGRITY

Microsoft Azure Integrations Solution Brief

Embrace the Full Potential of the Cloud Securely with Protegrity and Microsoft Azure

In an era of increasing cyber threats and expanding cloud environments, safeguarding sensitive data has never been more critical. However, managing data security in cloud environments presents unique challenges. Businesses must address increasing complexity due to several factors, including:

Evolving Security Demands:
Adapting to continuously changing workloads, users, and resources is a challenging process compounded by shared responsibility models, which can initially make roles less clear.

Data Management and Compliance:
Multi-cloud and hybrid architectures may introduce interoperability, data location, and jurisdictional compliance issues.

Increased Attack Surface:
Reliable identity and access management (IAM) solutions and vigilant API security are required to mitigate increasing and rapidly evolving risks.

Data Encryption and Movement Across Environments:
As sensitive data moves across various dynamic environments and platforms, organizations need strong encryption strategies both at rest and in transit.

Monitoring and Incident Response at Scale:
Integration between security systems becomes crucial to maintain visibility into data usage and activity across expanding infrastructure.

Protegrity Is Trusted By

8 of the largest global banks with **500+ million customers** across 160 countries

3 of the largest government agencies covering **450+ million citizens**

4 of the largest health insurers protecting **200+ million** patients' health records

4 of the 10 largest North American retailers driving **$1.1+ trillion** in revenue

HOW MICROSOFT AND PROTEGRITY STRENGTHEN CLOUD SECURITY TOGETHER

To address both internal and external vulnerabilities and safeguard sensitive data, businesses need robust data security management strategies tailored specifically to their cloud environments. Integrating Protegrity with Microsoft Azure addresses these issues head on while reducing the complexity of data protection by leveraging the following powerful solutions:

» **Serverless Technology:**
Microsoft Azure's serverless architecture helps organizations improve performance, reduce maintenance costs, and maximize scalability, all while ensuring secure data management.

» **Fine-Grain Data Protection:**
Protegrity provides advanced tools to simplify data protection, allowing businesses to maintain control over sensitive information as they expand their cloud operations.

» **Centralized Security Enforcement:**
Protegrity's Enterprise Security Administrator (ESA) streamlines security policy enforcement across both on-premises and cloud environments. With consistent application of security protocols across multiple applications and instances, organizations maintain a uniform security posture.

» **Seamless Integration:**
Comprehensive integrations for Azure enable organizations to migrate more workloads to the cloud with tailored security solutions in place. This enhances agility and flexibility, ensuring data is safeguarded no matter where it resides.

Protegrity integrates with 10+ native Azure services, including:

» Azure Files
» Event Hub
» Azure Data Factory
» HD Insight
» Synapse Analytics (Notebooks)
» Snowflake on Azure

» Fabric Pipeline
» Starburst
» Databricks
» Kinesis
» Non-managed databases and Relational Database Management Systems

These broad integration capabilities allow organizations to build flexible, scalable data architectures without compromising security. Azure cloud infrastructure combined with Protegrity data security solutions creates a powerful, scalable solution for organizations aiming to protect sensitive data in complex cloud environments.

Bottom-Line Benefits
According to a Forrester study, Protegrity:

Improved productivity with a present value of **$4.9 million**.

Enabled data breach insurance premium **savings of $350,000**.

Increased profitability by **$157,000 or 3%**.

Achieved net present value of **$3.31 million** and an **ROI of 144%**.

How It Works

Protegrity delivers scalable data tokenization on Azure services and third-party solutions by integrating tokenization technologies into most Azure's serverless functions architecture. It also offers flexible security operations tailored to customers' infrastructure and budget requirements through various deployment options, including serverless protectors, containers, and virtual machines.
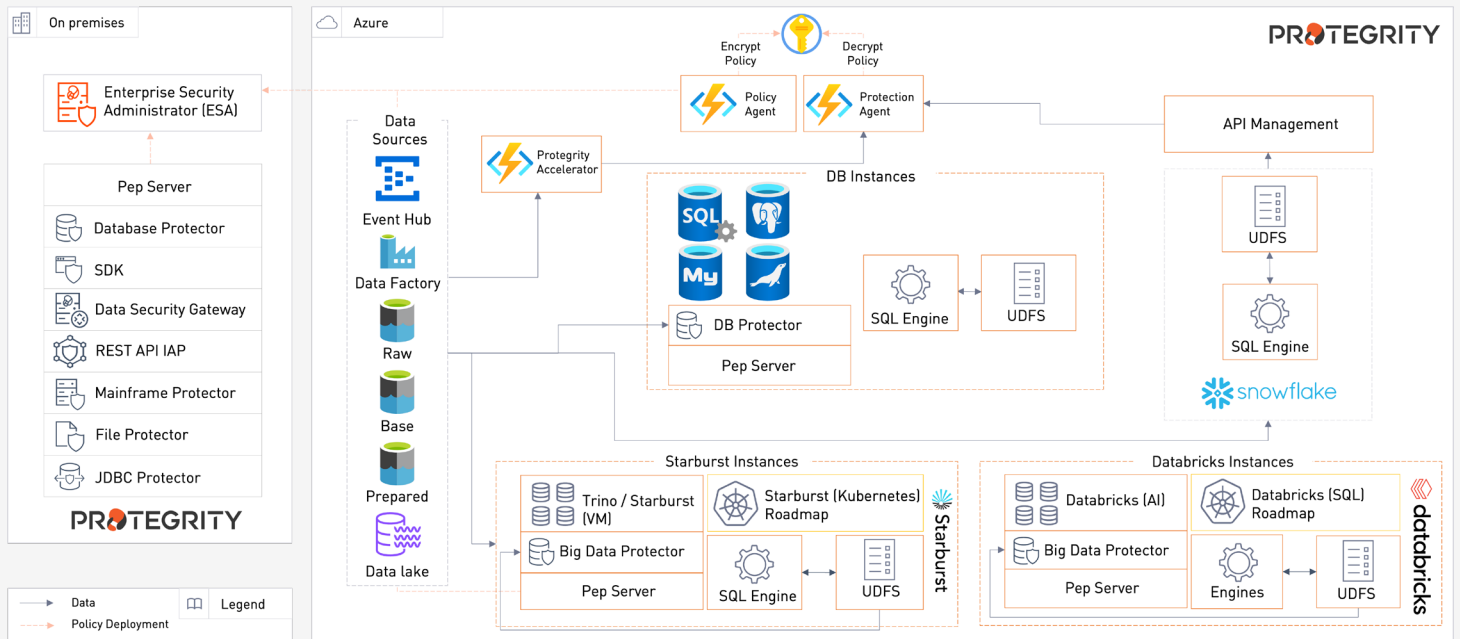
USE CASES

» **Leverage Purpose-Built Protectors for Azure Services:**
Protegrity tools are optimized for various Azure services, ensuring seamless protection across different types of data, from structured databases to unstructured data lakes.

» **Protect Sensitive Data, Not Just Access:**
Data protection goes beyond access controls by safeguarding the integrity and privacy of the data itself, even if unauthorized access occurs.

» **Operate at Scale:**
As businesses expand, the integrated solution can scale with them, maintaining robust security without hampering performance.

» **Safely Migrate Sensitive Data to the Cloud:**
Businesses can confidently move critical workloads to the cloud while maintaining compliance with security standards and regulations.

» **Achieve Visibility Across Various Sensitive Data Types:**
Protegrity's security solutions offer insights into how different types of sensitive data are used, stored, and accessed, improving monitoring and compliance capabilities.

» **Unify Security Across Applications, Databases, and File Systems:**
With Protegrity, businesses can consolidate security efforts, applying consistent protection policies across their entire IT environment.

BENEFITS

With Protegrity and Azure, organizations gain a host of benefits:

Safeguard Sensitive Information Across Multiple Platforms:
Maintain data security across different platforms without sacrificing flexibility or operational efficiency.

Centralize Security Administration:
Simplify security management and enhance control over data protection efforts.

Simplify Security Controls:
Deploy security tools quickly across various data environments, ensuring a faster time to security and reducing the risk window during cloud migrations.

Strengthen Compliance:
Meet and maintain stringent data privacy and protection regulations such as HIPAA, GDPR, SOX, and CCPA.

Improve Business Continuity and Resilience:
Reduce the risk of data breaches or losses, enable quick recovery from incidents, and maintain operational stability.

Unlock Cloud Migration Scenarios:
Safely move critical applications and data to Azure, opening up new opportunities for innovation and growth.

About Protegrity

For more than two decades, Protegrity has been a global leader in data security, protecting the sensitive data of the largest brands in the world. We provide the only platform that lets enterprises decide and classify specific sensitive data sets, allowing them to control how they safeguard that data. With Protegrity, companies can leverage protected data securely and compliantly wherever it's stored. Now, organizations have unrestricted enterprise access to all generally available data security technology, today and in the future, including advisory services and 24/7 support.

Together, Protegrity and Microsoft Azure provide businesses with the tools needed to protect their data, achieve compliance, and operate at scale without compromising performance or flexibility. By centralizing security controls, simplifying policy management, and providing robust data encryption and protection measures, Protegrity empowers organizations. This allows them to leverage the full potential of the cloud, knowing that their data is protected no matter where it resides or how it's used.

Learn more
Email **info@protegrity.com** or visit **www.protegrity.com**