



Alliance Key Manager for Windows Azure Puts Encryption Key Management and Data Breach Security at Your Fingertips

COMPANY PROFILE: TOWNSEND SECURITY

Townsend Security creates encryption solutions that help organizations meet evolving compliance requirements and mitigate the risk of data breaches and cyber-attacks. Companies worldwide trust Townsend Security's NIST-validated and FIPS 140-2 compliant solutions to meet the encryption and key management requirements in PCI DSS, HIPAA/HITECH, FISMA, GLBA/FFIEC, DIACAP, and SOX, as well as other regulatory compliance requirements.

WHAT WE OFFER



**KEY MANAGEMENT
IN THE CLOUD**

Easily Protect Keys in the Cloud. Encryption is only half of the solution. When you encrypt data in the cloud, your encryption keys are the secret you must protect. A hacker who finds your keys can decrypt your sensitive data in a matter of seconds. Encryption key management protects your keys to ensure your encrypted data remains safe.



NIST FIPS 140-2

NIST FIPS 140-2 Compliant. Alliance Key Manager for Windows Azure uses the same FIPS 140-2 compliant technology found in our AKM hardware security module (HSM). FIPS 140-2 is the highest standard for encryption key management, and means our products have been tested by a third party against government standards.



COMPLIANCE

Meet Compliance Regulations Easily. Meeting compliance regulations shouldn't prevent you from moving to the cloud. Alliance Key Manager for Windows Azure helps you meet PCI-DSS, GLBA/FFIEC, FISMA, SOX, and HIPAA/HITECH standards and recommendations for encryption key management.



READY-TO-USE!

Just Press Start. Encrypt data and manage encryption keys in minutes with Alliance Key Manager Ready-To-Use (RTU). On start-up, everything you need is automatically generated for you including a certificate authority, client-side credentials, and encryption keys that you can use to encrypt data in many Windows applications!

WHAT MICROSOFT IS SAYING

"In line with Microsoft's longstanding and deep commitment to security, Windows Azure is designed to meet the highest security standards. Townsend Security builds on that security foundation, helping address enterprise customers' need for data protection in the cloud. Townsend Security's Alliance Key Manager for Windows Azure gives Windows Azure customers a comprehensive encryption key management solution to help safeguard data and meet compliance requirements." – Sarah Fender, Director, Windows Azure Product Marketing

LEARN MORE

To read more about Alliance Key Manager for Windows Azure, download the solution brief at townsendsecurity.com. Contact us: info@townsendsecurity.com, [@townsendsecure](https://twitter.com/townsendsecure) on Twitter, facebook.com/townsendsecure or 360.359.4404.

Windows Azure is an open and flexible cloud platform that enables you to quickly build, deploy, scale, and manage applications across a global network of Microsoft data centers. You can build applications using multiple languages, tools, and frameworks.



KEY USE CASES

WEB APPLICATIONS

Build anything from lightweight websites to multi-tier cloud services that scale up as your traffic grows.

CLOUD STORAGE

Rely on geo-redundant cloud storage for backup, archiving, and disaster recovery.

BIG DATA & HPC

Get actionable insights from your data by taking advantage of a fully compatible enterprise-ready Hadoop service.

MOBILE

Accelerate your mobile app development by using a backend hosted in Windows Azure. Scale instantly as your install base grows.

MEDIA

Create, manage, and distribute media in the cloud – everything from encoding to content protection to streaming and analytics support.

FLEXIBLE APPLICATION MODEL

Windows Azure provides a rich set of application services, including SDKs, caching, messaging, and identity. You can write applications in .NET, PHP, Java, node.js, Python, Ruby, or using open REST protocols. This is all part of Microsoft's promise to let you build using any language, tool, or framework.

ALWAYS ON, ALWAYS HERE

Build resilient applications with automatic operating system and service updating, built-in network load balancing, and geo-redundant storage. Windows Azure also proudly delivers a 99.95% monthly SLA. You can rely on decades of experience in data center operations and trust that everything Windows Azure offers is backed by industry certifications for security and compliance.

DATA CENTER WITHOUT BOUNDARIES

Windows Azure makes it easy for you to integrate your on-premises IT environment with the public cloud. Migrate your virtual machines to Windows Azure without the need to convert them to a different format. Use the robust messaging and networking capabilities in Windows Azure to deliver hybrid solutions, and then manage your hybrid applications from a single console with Microsoft System Center.

GLOBAL REACH

With data centers around the globe, a massive investment in data center innovation, and a worldwide Content Delivery Network, you can build applications that provide the best experience for users, wherever they are.

Learn more: www.windowsazure.com

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