



BLUKRYPT

**THE CLOUD'S NEVER
BEEN MORE SECURE**

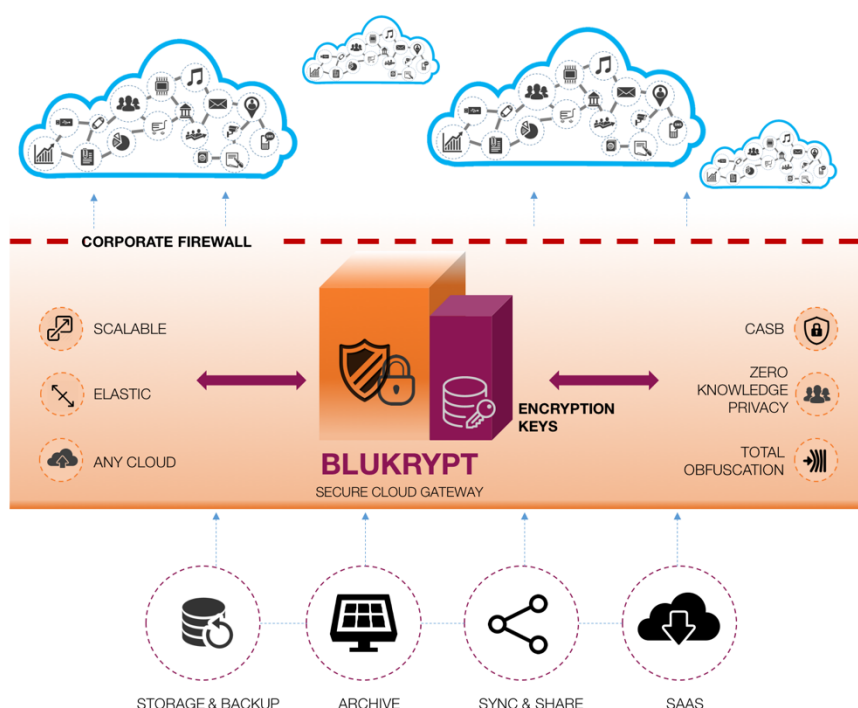
On-premise CASB that
completely secures your critical
data on the cloud

DATASHEET

Total security and privacy on the cloud

BluKrypt is an on-premise CASB that completely secures your critical data on the cloud. Whether the data is in your collaboration tools, archive & backup platforms or SaaS applications, BluKrypt gives you total control over data security. BluKrypt acts as a secure cloud gateway to enable enterprises to fully manage security policy enforcement irrespective of where the digital assets are stored – public cloud, private cloud or local data stores.

BluKrypt uses encryption among other techniques, to fully obfuscate data before it leaves the enterprise and makes its way into the cloud. The solution is completely storage agnostic and supports multiple cloud targets, including local disks. As opposed to other CASBs, which mainly rely on DLP-like policies to determine whether a file can be sent into the cloud or not, BluKrypt allows data to freely move into the cloud, but obfuscates it thoroughly to ensure complete privacy and security. This means less work-place disruption for employees and a higher degree of safety and control for enterprises.



Complete data encryption

BluKrypt ensures that any data leaving the network perimeter is encrypted on-premise before it travels to its cloud destination. This encryption is persistent. It isn't just encryption "in-flight". The data remains encrypted with the enterprise's keys even once the data reaches the cloud destination and is at rest. Most importantly, the enterprise is in complete control of the encryption keys.

Total data obfuscation

BluKrypt doesn't merely encrypt data – it obfuscates it thoroughly. File names, folder names etc. become undecipherable on the target storage when BluKrypt is in use. Files may also be chunked up into smaller components and encrypted separately. Parablu's solution ensures that piecing together data off the target cloud storage is completely impossible unless the user has authenticated themselves appropriately, at which point, BluKrypt de-obfuscates and decrypts the data back to its original form. Parablu manages this by maintaining a complete catalog, key map and pointers to all data that it processes. Here is a quick snapshot of how Parablu obfuscates data.

Files > Own-Private > Documentation

report

AchievingQualities.ppt

apache-jmeter-2.13.tgz

doc info.docx

Introducing

Mgmt Team

Parablu - Ne

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Presentation

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6 minutes ago

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Files > Own-Private > Documentation

5276c399e937b08830...

5276c399e937b08830...

7c9db92f1e8742fa35e...

7c9db92f1e8742fa35e...

85b182fd140f5845d80...

85b182fd140f5845d80...

a48339bc15343b0b59...

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Secure data access anywhere

Parablu solution enables the travelling employees to seamlessly access the data from anywhere. The BluKrypt gateways in each location are constantly in sync with a central management tier – the ParaCloud. The ParaCloud has access to the Master Catalog of all data processed through all the BluKrypt gateways. Thus an employee or their endpoint system, no matter where they're located, always enjoys seamless access to their data. Their files are decrypted by the BluKrypt gateway most proximal to their location and served up to them with no hassles. The distributed nature of the solution enables Parablu to easily scale to hundreds of offices and company locations.

High-performance and scalable solution

ParaCloud allows the endpoints to efficiently offload the burden of encryption and decryption. This means no performance degradation on employee desktops and laptops.

FEATURES & BENEFITS



Zero-knowledge privacy

The encryption keys never leave your enterprise network. Neither your cloud storage provider, nor Parablu will have access to the encryption keys.



Access control

You can allow only certain people or teams access to specific folders. It's easy to set up and works seamlessly.



Enterprise audit trail

Completely auditable and provides detailed reports. All touch points on the system get audited automatically.



Integration with enterprise name spaces

Readily integrates with LDAP based enterprise name spaces, such as Active Directory.



Offloaded encryption

Data encryption is completely offloaded to the BluKrypt CASB. Your endpoint and server devices don't have to perform any extra tasks in order to enable the encryption or obfuscation.



Storage & cloud agnostic

Works with on-device storage, NAS, SAN or cloud based storage. Works with any cloud provider of your choice.



Scalable across geographies

Works across different geo-locations and still allows convenient, centralized policy administration. It is easy to build redundancy and fail-over in architecture to ensure that you have zero downtime.



Enterprise class scalability

Smart cataloging allows you to scale without limits both in terms of file sizes or numbers of files.



Special features

- Content indexing and full text search
- Policy based versioning
- Built-in redundancy
- Smart caching
- Scale across geographies
- Support for multiple cloud destinations

ABOUT US

Parablu, an award winning CASB based solutions provider, engineers new-age cloud data protection and management solutions for the digital enterprise. The advanced Cloud Access Security Broker (CASB) based solution protects your enterprise data completely and provides total visibility into your data movement. Our suite of products include: BluKrypt, an on-premise CASB that completely secures your critical data on the cloud; BluSync, a hybrid file sharing and collaboration application for the agile enterprise; BluVault, a powerful and secure data backup solution in the cloud; BluDrive, a secure large file transfer solution. These solutions easily integrate with your existing infrastructure making it a seamless solution for your enterprise data protection and management needs. Get a demo today.