



Parablu BaaS – Secure and Reliable Data Backup Tailored for Microsoft Azure

DATASHEET

THE PARABLU DATA SECURITY CLOUD
The Cloud You Can Trust™

Why Parablu BaaS (Backup-as-a-Service)?

Parablu BaaS (Backup-as-a-Service) makes it easy for a business of any size to adopt a full-featured, enterprise-class backup, that is fully hosted and managed in the cloud. A solution that takes pesky infrastructure hassles off your hands and works like clockwork each day. Parablu BaaS seamlessly integrates with Microsoft Azure and leverages Microsoft's world-class infrastructure both for deployment and as a storage target.

Why choose Azure?

Microsoft Azure is highly trusted by several large corporations, governments, and cybersecurity experts. Azure has invested over \$1b in security R&D and is equipped with a cybersecurity team comprising over 3000 experts. These facts speak volumes about why the cloud computing platform is preferred globally for data management. Let's look at the factors that make Azure a cut above several market variants.

Future-Ready

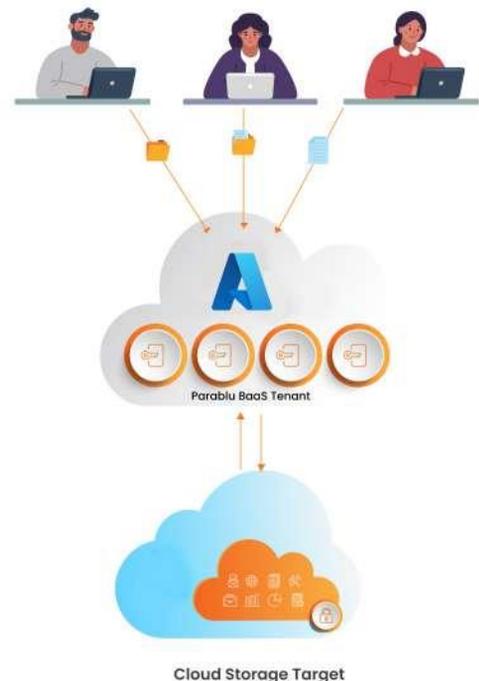
Microsoft's continuous innovation efforts ensure its platforms are compatible with an enterprise's product development efforts both from the present and future perspectives. Microsoft has amassed over 1000 new technological capabilities in the past year alone. This means enterprises can leverage the latest advancements in AI, blockchain, and Kubernetes to always steer ahead of the competition.

Supports Seamless Hybrid Operations

Trusted by over 90% of enterprises globally, Azure helps in the seamless integration and management of on-premises and cloud environments. Additionally, enhanced security, simplified access, and availability of hybrid cloud-specific tools and services are benefits of utilizing Microsoft Azure.

Building and Deployment Flexibility

Committed to open source, Azure supports a wide range of languages and frameworks, offering product developers the flexibility to build and deploy the way they want. Enterprises can leverage the full-featured, built-in support for Visual Studio and Visual Studio Code – Integrated Development Environments (IDE) trusted by over 15 million developers worldwide.



Parablu's Integration with Microsoft Azure

Backed by a patented data protection technology, Parablu ensures secure, automated backup of endpoint, server, and Microsoft 365 data to Azure blob storage.

Integration with Azure Active Directory (AAD)

Subscribing to Parablu BaaS implies seamless integration with the Azure Active Directory (AAD), which presents numerous advantages. These include authentication using a Single Sign-On (SSO), as well as automatic provisioning and de-provisioning of users.

Savings on Total Cost of Ownership (TCO)

Parablu BaaS does NOT tie you down to using Azure blob storage! Provide us with your own backup target if you wish and get savings on storage costs. If you are a Microsoft 365 or Google Workspace customer – Parablu can also leverage your OneDrive or Google Drive subscriptions as a backup target.

Legal/Litigation Hold

Enabling legal hold is a cinch. Check a box on Parablu BaaS' policy screen and ensure that critical enterprise data is retained indefinitely – until you remove the legal hold flag.

Parablu's Backups for the Azure Cloud

Parablu ensures secure endpoint, server, and Microsoft 365 data backups to an immutable container created within Azure blob storage.

Industrial-strength Data Encryption

Parablu BaaS ensures critical data is encrypted all the time - both at rest as well as during transit. All data at rest is encrypted using industrial-strength AES-256 encryption while data in flight is always transmitted using at least TLS 1.2 with strong ciphers. Also, by combining strong encryption with a strict enforcement of segregation of duties, it ensures that your data is accessible ONLY to your organization. Not to the cloud vendor, or even Parablu!

eDiscovery

Full-text indexing with powerful search capabilities underpin Parablu's powerful eDiscovery features. Search for data you need – files, emails, attachments – not just by name but even by words or phrases in their content. Searches can be qualified by date, and also fields like "To", "From", "Subject", etc. Search results can easily be downloaded to zip or PST files for further review by legal teams.



Parablu BaaS Key Features

Backups of Just any Data

Parablu BaaS can backup data ranging across files of all kinds (including PSTs in use), folders, and even emails. Irrespective of file sizes, names, and types, backup of any data format is possible, there are absolutely no limitations.

Incremental Backups Forever

After an initial full backup of enterprise data, Parablu BaaS eventually copies only changed data, making for highly optimized storage and network usage.

De-duplication and Compression

The combination of data compression and variable length, block-level de-duplication techniques is another important feature of Parablu's backups. The result is optimal network bandwidth and storage utilization.

Enterprise Audit Trail

Parablu BaaS generates comprehensive audit logs that keep administrators updated about all activity in the environment and can be essential for compliance purposes. These reports give administrators and auditors a bird's eye view of all data management history.

Network and CPU Throttling

By enabling Parablu's network and CPU throttling abilities, administrators can ensure that the end-user experience is not impacted by routine backup activities.

Partial File Transfer

Parablu BaaS leverages smart algorithms to scan large files to identify only the changed portions of the content that require a backup.

Policy-based Management

Parablu BaaS enables you to define backup policies aligned with enterprise data security needs. Schedules, folder and file type exclusions, versioning – and a host of other configurable options can be controlled via these policies. The product ensures complete customer autonomy over backup and data restore activities with no dependency on the cloud vendor.

Self-service Interface

All data management activities, including backups, restores, and policy configuration can be seamlessly customized through an intuitive, self-service interface.



Benefits of Parablu BaaS

Higher Data Security, Privacy, and Confidentiality

Parablu ensures the backup data in its secure storage container is encrypted and strict segregation of duties is enforced. Precisely, Parablu BaaS ensures the enterprise (the owner of the data), owns and controls their encryption keys, just like that of a house or a bank vault. This differentiator sets Parablu BaaS apart from a number of cloud vendors who may offer data security but cannot necessarily provide data privacy. Apart from strong encryption, Parablu's data obfuscation which breaks up the data into a digital jigsaw, further amplifies the protection of critical enterprise data stored in the Parablu secure container.

Fast Recovery

Recover data fast after a ransomware attack with Parablu BaaS' unique "cloud-to-cloud" and "Rapid Restore" features. Eliminate network bandwidth latencies, and dramatically cut down the time it takes for an end-user to start gaining access to their data.

Prevention of Insider Threats

By maintaining a safe and reliable data copy in the cloud, Parablu BaaS prevents data losses that can be caused by mischievous insiders such as disgruntled employees. Enterprises can rest assured no critical data is lost due to accidental or malicious deletion.

Centralized Management

No matter how big the organization, or how widespread the user base is, all enterprise data protection activities, across registered users and devices, can be centrally managed through a single console.

Protection from Ransomware

With Parablu BaaS, you can eliminate the need to negotiate with ransomware attackers. The Unusual Activity Detection feature helps warn administrators at the onset of a ransomware attack. Curated, point-in-time restores help users get a copy of their data from BEFORE a ransomware attack. Useful device and file quarantining features assist security experts during the incident management phase. In summary, Parablu BaaS is designed to ensure that a redundant data copy is always available, uncompromised.

Regulatory Compliance and Governance

Parablu BaaS helps businesses achieve and adhere to data protection and retention requirements mandated by regulations such as SOX, HIPAA, and GDPR, to name just a few. The solution helps generate audit logs that offer tangible compliance evidence to regulators. Microsoft Azure adoption alone implies implicit adherence to ISO 27001, FedRAMP, SOC 1, and SOC 2, in addition to the regulations mentioned above. Parablu itself is an ISO 27001 and SOC2 Type2 certified organization. Clearly, a Parablu-Azure combined offering is a win-win from a compliance standpoint.

Scalable Global Solution

Catering to a distributed workforce across locations worldwide is never a concern with Parablu BaaS. The service offers built-in elasticity, redundancy, and failover that make it globally scalable. Data sovereignty, if mandated by regulations, can also be easily configured.

The Parablu Advantage

No Vendor Lock-in

Parablu BaaS protects you from no vendor lock-in because of the flexibility it brings. Backup data to any storage target of your choice.

Zero Knowledge Privacy

Built on the tenet of Zero Knowledge Privacy, Parablu's BaaS ensures nobody apart from the data owner (i.e. your organization) can access your data, not the cloud vendor, not Parablu, not even a regulatory authority, or a foreign government.

Bespoke BaaS

Do you use Parablu on-premises today? No problem? Parablu can also facilitate a seamless transition from an on-premises to a BaaS environment and can even be deployed to work with a combination of on-premises and on-cloud workloads. This unique, hybrid backup setup, called Bespoke BaaS, offers customers the benefits of both the SaaS and On-Premises models – the best of both worlds!

About Parablu

Parablu is a leading provider of data security and resiliency solutions for the digital enterprise. These solutions protect enterprise data completely and provide total visibility into all data movement through centrally managed intuitive dashboards. Parablu's products include BluVault – a suite of powerful and secure data backup solutions designed for the cloud and BluSync™ – a suite of solutions designed for secure managed file transfer, secure collaboration, and file services. Both solutions holistically address enterprise data protection needs and can be easily bridged with existing infrastructure – offering cost-effective data protection overall.

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