PARABLU

BLUVAULT

THE CLOUD'S GOT YOUR BACK(UP). SAFER AND MORE SECURE THAN EVER.

Secure enterprise backup management suite for endpoints

DATASHEET

Complete backup on the cloud with 100% security

Parablu's BluVault Azure-Centric SaaS solution is a powerful and secure data backup solution that is designed for the cloud. You can now move all your endpoint data to the cloud smoothly and with total data security. BluVault encrypts the data, making sure your data is safe both in transit and at rest. What's more, you have the flexibility to work with any cloud storage provider of your choice for optimized costs and zero lock-in.

Any file, Any Folder

All folders and files; even PST files can be backed up on public, private, or hybrid cloud-based storage infrastructure.

Protection From Ransomware

With BluVault, you can eliminate the need to negotiate with ransomware attackers. With a secure copy of your data and the knowledge that you can recover your data from any previous point-in-time, you can control your own destiny and not be held hostage. BluVault boasts an array of features designed to defend businesses fro ransomware – ranging from Unusual Activity Detection, curated point-in-time restores, cloud-to-cloud restores, as well as device and file quarantining features. In summary, BluVault is designed to ensure that a redundant data copy is available, uncompromised, and ready for quick reco

## Keep Insider Threats at Bay

Data losses can be accidental, but sometimes also malicious. Threats to your files could come in the form of a mischievous or disgruntled employee sometimes. Stay ahead of malicious deletions by backing your data up safely with BluVault.

Security, Privacy, and Confidentiality

BluVault combined with BluKrypt, Parablu's Privacy Gateway, not only enables powerful encryption but also enforces a strict separation of duties. BluKrypt obfuscates file and folder names completely as well as performs file shredding, before writing backup data to cloud storage targets. With BluVault, you can be sure your enterprise data is safe.

Incremental Backups Forever

After an initial full backup of enterprise endpoint data, BluVault subsequently copies only changed data, making for highly optimized storage and network usage.
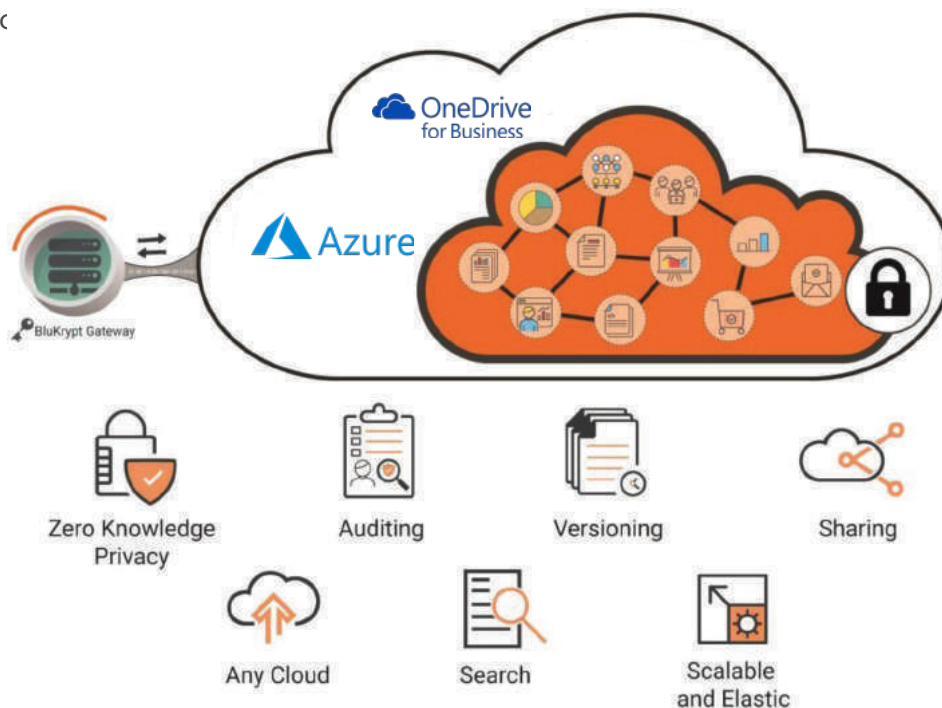
Zero Knowledge Privacy

Zero Knowledge Privacy is a tenet that all Parablu products are built on. This ensures that your data can be accessed only by you and nobody else – not the cloud vendor, not even us.

Zero Trust Security

At Parablu, we take security very seriously. BluVault is built on the tenet of Zero Trust. Centralized Identity Management, Secure Single Sign-On (SSO), Multi-Factor Authentication, and Principle of Least Privilege are all designed into the solution.

Industrial-strength Data Encryption

BluVault ensures critical data is encrypted - 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, you can ensure that your data is accessible ONLY to your organization. Not to the cloud vendor, or even Parablu!.

Storage Vendor Agnostic

BluVault enables a range of Microsoft storage options like Azure, OneDrive, Azure Stack, Azure Files and on-premise locations that emphasizes reducing storage costs.

Policy-based Management

Parablu's BluVault provides policy-based management that allows an administrator to easily control all elements of backup behavior – backup schedules, folders to include/exclude, file types to include/exclude, # of versions to retain, file size limits, user quota limits etc. Once these parameters are set, all endpoints pointed to this policy read these parameters and change their backup behavior in a matter of a couple of hours.
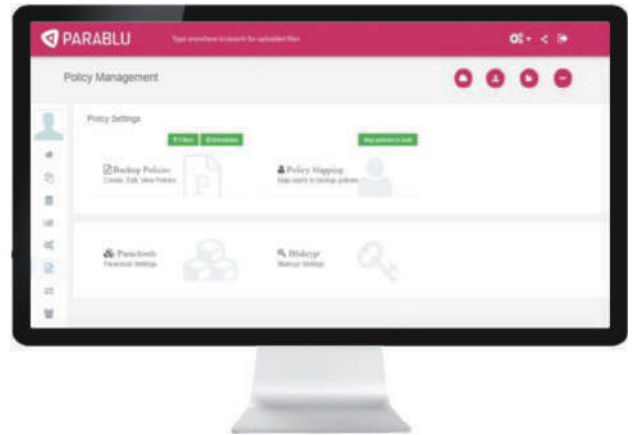
Zero Knowledge Privacy

Allows the backup administrator the option to maintain multiple file versions and control aging / retention of versions based on policy.

De-duplication & Compression

Smart sub-file level de-duplication combined with data compression saves network bandwidth and valuable storage space.

Hedge against Full Disk Encryption

If you're using full disk encryption on your endpoints, then having an endpoint backup is a must. Without a safe backup copy, a forgotten password or any malfunctioning of the full disk encryption software could render all data on the endpoint completely inaccessible.

Self-service Interface

BluVault offers the flexibility to allow users to choose what to backup, discover how protected their files are and do their own restores. BluVault's easy-to-use interface means that users can initiate their own restores without requiring an administrator to get involved. The self-service nature is fully controllable by the administrator though, and can be turned up and down based on the organization's appetite for self-service. Certain user groups can also be given more or less privileges than another.

Partial File Transfer

BluVault's backup agent can detect the modified content inside a file and send only changed data instead of the entire file on subsequent incremental backups.

Fast Recovery

Recover data fast after a ransomware attack with BluVault's 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.

Curated Recovery

BluVault offers the capability to automatically identify only those files which were deleted by ransomware or a malicious insider, during a specific interval of time. This option to surgically bring back deleted data can dramatically cut down restoration effort and time when trying to recover from a ransomware attack or malicious deletion.

Enterprise Audit Trail

BluVault is completely auditable. All touch points on the system get audited automatically. Parablu's easy to use dashboard and granular reports make backup management a cinch.

CPU Throttling

Allows administrators to control the impact the Parablu agent has on the endpoint by adjusting CPU usage levels up or down.

Litigation hold

Allows administrators to assign special policies to identified users which align to Legal Hold requirements.

Single Sign-On

SSO eliminates password reset phone calls, protects against unauthorized access and integrates with your enterprise's Active Directory or Azure Active Directory.
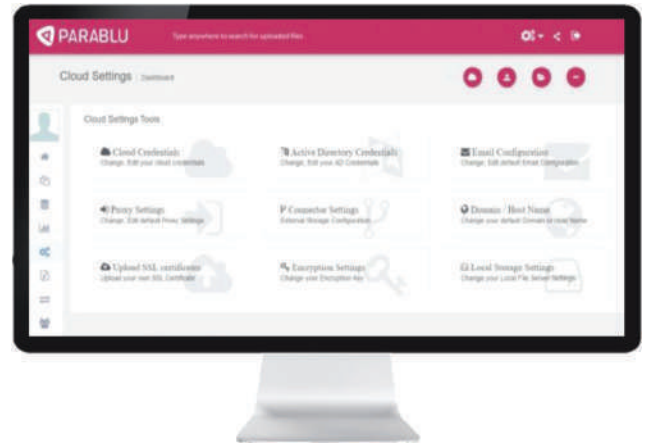
AD & Azure AD Support

Integrate easily with enterprise namespaces, such as Active Directory and Azure Active Directory. AD and AAD can be used not just for authentication but also to provision and de-provision users.

Delegated Administration capability

Administrative roles with limited permissions can be assigned to selected users to allow them to perform specific administrative operations.

Regulatory Compliance & Governance

BluVault helps organizations achieve regulatory compliance. Regulations like SOX, HIPAA, GDPR and others have requirements around data protection and retention which BluVault can help meet. BluVault's reports and audit trail help to keep organizations on a defensible platform when it comes to regulatory compliance.

Network Bandwidth Optimization

BluVault helps you control data flow based on network availability with network throttling to limit usage of your valuable bandwidth.

Administrator Approved Deletion

Allows an Administrator to delete specific user files and folders from backup storage. Critical for GDPR compliance and to satisfy users' "right to be forgotten". Actions are audit-logged for compliance reasons.

Mass Deployment

The BluVault agent can be distributed easily to endpoints using mass deployment methods such as Microsoft SCCM, Active Directory Group policies and Microsoft InTune. The agent is also compatible with several third-party mass deployment tools. For small organizations, the agent can easily be published for download and installed via the management portal.

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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