Storage optimization and network performance

Faced with an annual increase of

30 à 50 %

in data volume, finding the ideal data protection solution has become an imperative.
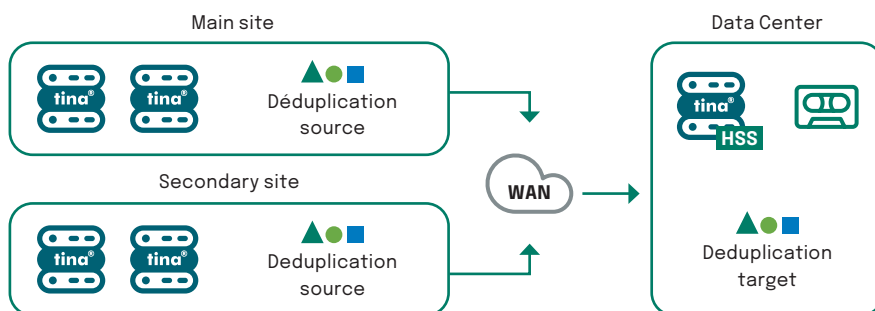
A company must be able to rely on its backup solution for its main site but also for its secondary sites.

Ensure the implementation of reliable and effective data protection solutions for both primary and remote sites.

Tina HyperStream Server solution was designed to meet this need. Its features and functionality are focused on reducing stored data and network traffic, even at low bandwidth.

Both on-site and roaming data are equally protected.

Efficient Data Backup

HyperStream Server is the ideal solution for efficiently backing up data over long periods of time. Full and incremental backups are centrally scheduled. Source-side deduplication is applied at the block and file level, ensuring that only the necessary single blocks are sent over the network.
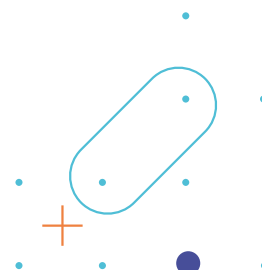
Immutability of the Server

Installed on a Linux distribution, the ADE engine guarantees the immutability of stored data thanks to an advanced management of SnapShots. This protection. This protection prevents damage caused by ransomware.

Replication and Guaranteed of Availability

Replicate to improve security and availability. In case of a failure on the main server, Tina automatically switches to the replicated server.

Once the old server is available again, a procedure to return to the main server is automatically executed.
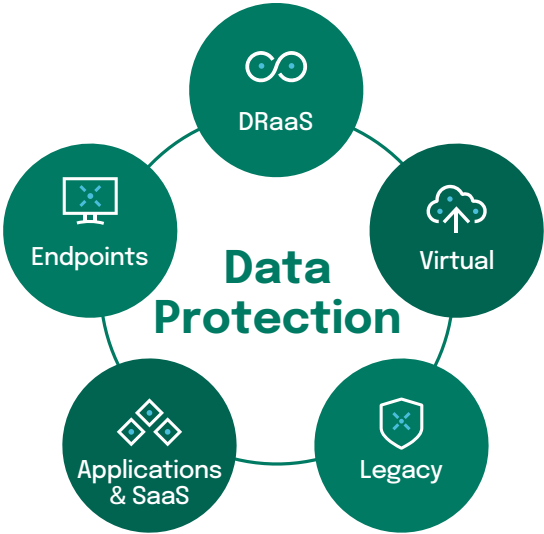
Main Features and Benefits

Features	Benefits
Incremental backups with optimized transfer of only modified blocks	• Fast backup of new data • Perfectly suited for low-bandwidth connections thanks to the reduced volume of data transmitted over the network (LAN, WAN or Cloud) • Reduced backup windows
Online and offline data compression	• Online compression reduces the amount of data sent over the network and saves storage space • Offline compression allows the server to compress data when the HyperStream server is idle, further reducing the amount of data protection storage
Immutability of the ADE server	• Immutability of data that prevents encryption via ransomware • Snapshot management and retention
Global block-level deduplication between physical servers and virtual machines (VMs)	• Optimized backup and recovery speed by reducing the amount of information sent over the network and to storage • Global deduplication delivers industry-leading ratios, enabling organizations to realize huge savings on backup storage
Simple and intuitive restoration interfaces	• Restores from a remote desktop using Tina's intuitive Interfaces • Restores from the administrator's console • Reduce support requests by over 90

Compatible Configurations

Platforms	Applications		
Windows, Linux	• MS SQL • MS Exchange • MS SharePoint • Microsoft 365 • One Drive • Teams	• Oracle • MySQL • PostgreSQL • DB2 • SAP • Nutanix	• MaxDB • VMware • MS-Hyper-V • OpenStack • Compute(Nova)

The Five Pillar Of Data Protection

DRaaS
Backup continuity with 0 data loss and 0 business disruption

Virtual Servers
Protect virtual environments with immutable backup copies

Physical servers
Protect all your physical servers and extend the data protection for your legacy systems

Apps & SaaS
Backup and restore all your apps and Microsoft 365 data
Exchange, OneDrive, Sharepoint, Teams & OneNote

Endpoints
Continuous and deduplicated Data protection for all workstations. Autonomous and easy to use data restore

Compatibles Storages
atempo.com/ressources

Contact an Atempo Expert
https://www.atempo.com/products/tina-time-navigator-enterprise-solution-for-backup-and-recovery/#form

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