Product Brief

Define The Right Movement For Your Data

ONE SOFTWARE TO MANAGE ALL YOUR STORAGE
Improve operations and save time with a single, intuitive storage and process management software that works across multiple storage silos. Achieve a high-performance workflow to gain control of your exponential data growth.

Why ? *First, understand the difference between archive, backup and data protection*
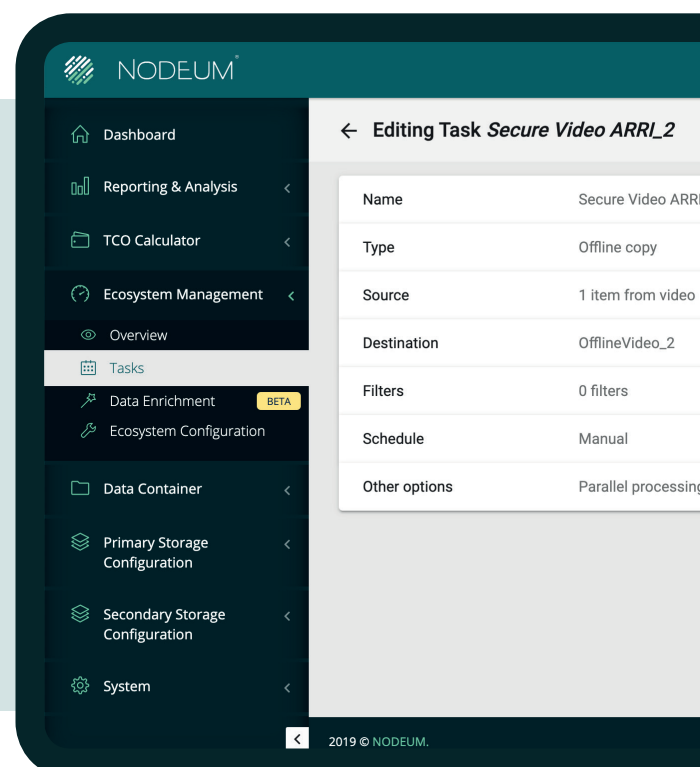
Data Migration
Automate secure migration of your data between your different storage systems. Individual file level reporting for audit purposes.

Data Archiving
Move selected data to secondary storage tier to decrease the capacity of expensive primary storage while keeping online access to your data. Individual file level search and access.

Data Protection
User centric backup approach to eliminate disruptiuon and ensure business continuity with a reliable and easily accessible offline archive. Individual file level search and retrieve.

How to Execute Data Movement ?

Workflow Manager - Policy based orchestration
Automated solution for scheduling task executions.

Data Movement Workflows
Create and define data movement tasks. These can be defined per data set and per storage and also with a certain level of policy : copy, scan, move or erase.

Extended Data Set Selector
An unlimited data set selector brings granularity in the data you have to select. Movement can be executed between any type of storage (for example, from hot data storage to cold data storage).

Scheduling
The internal scheduler can execute automatically, manually or scheduled task.

Filtering
Basic and advanced filtering. Advanced filtering provides an embedded scripting editor.

Monitoring
Check the status of Upcoming, Running task to execute and the history of tasks execution.

For What Type of Storage ?

STORAGE MANAGER : NAS, CLOUD, S3 COMPATIBLE OBJECT STORAGE AND TAPE

We built connectors to unify access to different types of storages systems.

NAS Storage

Automated solution for scheduling task executions.

Cloud Storage

Create and define data movement tasks. These can be defined per data set and per storage and also with a certain level of policy : copy, scan, move or erase.

Tape Storage

Library Manager brings the capability to address any SCSI driven Tape Library, ACSLS Tape Library and Standalone Tape Drives. Most known systems are supported. The open format LTFS is used as standard solution for writing to tapes.

SECONDARY STORAGE VIRTUALIZATION
VIRTUAL FILE SYSTEMS

Key Value :
Provide a transparent layer on top of secondary storage systems such as NAS, Cloud, Tape ; access any file, click on it and get it even if it is store on secondary storage.

Full Feature NAS

- SMB/NFS sharing protocols
- S3 compatible
- Advanced user permission
- Agentless

Unlimited File Storage

- Network Shared folder, drag and drop
- Fast local caching
- Less fequently used data move to cheaper secondary tiers
- Integrity check

Extended File System

- Fast content indexation engine
- Web interface to search for data
- Metadata customization
- Data protection enabled

Key Features

Discover the full set of features available into Nodeum.

Develop a business focus data management strategy to unlock the value and potential of your data.

Searchable Catalog

Generate a single data catalog linking all your NAS, Cloud and Tape storage systems. Keep an eye on each individual file, click on it and get it back even if it is stored on secondary storage. Catalog in real-time data stored in any of your storage systems (primary and secondary storages). Accessing and finding your data have never been easier.

Policy-Based Workflow Manager

Create and define data movement tasks. This can be defined per data set and per storage but also with a certain level of policy : Copy, Scan, Move or Erase.

Reporting & Analysis

Storage data usage statistics reporting and data lifecycle overview. Generate your reports on the current data usage, control and master your data lifecycle.

Leverage Cloud ML/AI

Enrich data stored on premise or in cloud with the best Cloud based ML/AI engines. Get the most of these platforms to facilitate the organization and classification of your contents.

TCO Simulator

Toolbox to control the cost of your storage usage. Provide simulation of the cost impact of a new Storage Data Management Strategy.

Software-Defined

Turn any Linux platform to a Nodeum appliance in deploying easily an Ansible package. Get the most of your hardware, avoid any locking and get the most of next releases.

Highly Scalable

Scalability in data volumes, number of files and overall performance allow to grow with your needs in keeping the same user experience.

Metadata Management

Enjoy the capability to customize, tag and retrieve your files' metadata. Facilitate your data organisation.

Intuitive Interface

Provide a natural and unique experience for any user using the solution. This helps to keep focus on your business and productivity.

Tools Integration

Set of features to integrate workflows with your different third party applications : Google Cloud Platform Machine Learning, Final Cut Pro, ...

Encryption

Allow the usage of the three type of Amazon's Server-Side Encryption: SSE-S3, SSE-C or SSE-KMS. Server-side encryption is about protecting data at rest, its encrypts only the object data, not object metadata.

Public RESTful API

Allows for a tight integration with the business workflows within the industry, allowing for control of the Data straight from source application.

Contact

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Recognized as **top storage solution provider in 2016 by The CIO Review magazine**

Recognized as **the company to watch in 2016 by The Silicon Review magazine**

NODEUM **is certified LTFS by the LTO Program**