



CYBER SECURITY

DATA MANAGEMENT

YOU CAN HAVE BOTH.

 **data rover**
Your data, your success.

Data Rover is an Advanced User Data and Security Management System for any Data-Driven Organizations

Data Rover is used in business environments where the **management and protection** of information and IT infrastructure are **critical to business success.**

YOUR DATA, YOUR SUCCESS.

DATA ROVER

like all “rovers”, has a scientific and business mission to accomplish

go over the terrain

collect the data and

determine whether the environment is safe and hospitable or not

Data Rover allows you to explore, analyse, manage and protect data efficiently.



To effectively manage your business, you need knowledge and control.

Data Rover gives you **vital information**, allowing you to make **strategic and educated decisions**.

So you can safeguard and exploit your data effectively.

DECISION

ONE solution
for **infrastructure** and **security**
managers to seamlessly manage
two worlds.

CYBERSECURITY

ensuring constant
verification and data integrity

DATA MANAGEMENT

total control, exploit data and
be on the leading edge

Enhances and Protects the Business

What is Data Rover's mission?

Data Rover provides you with a state-of-the-art solution that:

Helps analyse the real access privileges to files and folders thus helping you identify security holes or hidden risks and prevent breaches.

Helps you identify and distinguish valuable assets from junk data thus allowing you to identify wastage of resources, optimise storage usage and reduce costs.

Helps you to safely and easily share and exchange data in and out the organisation.

Who benefit from the use of Data Rover?

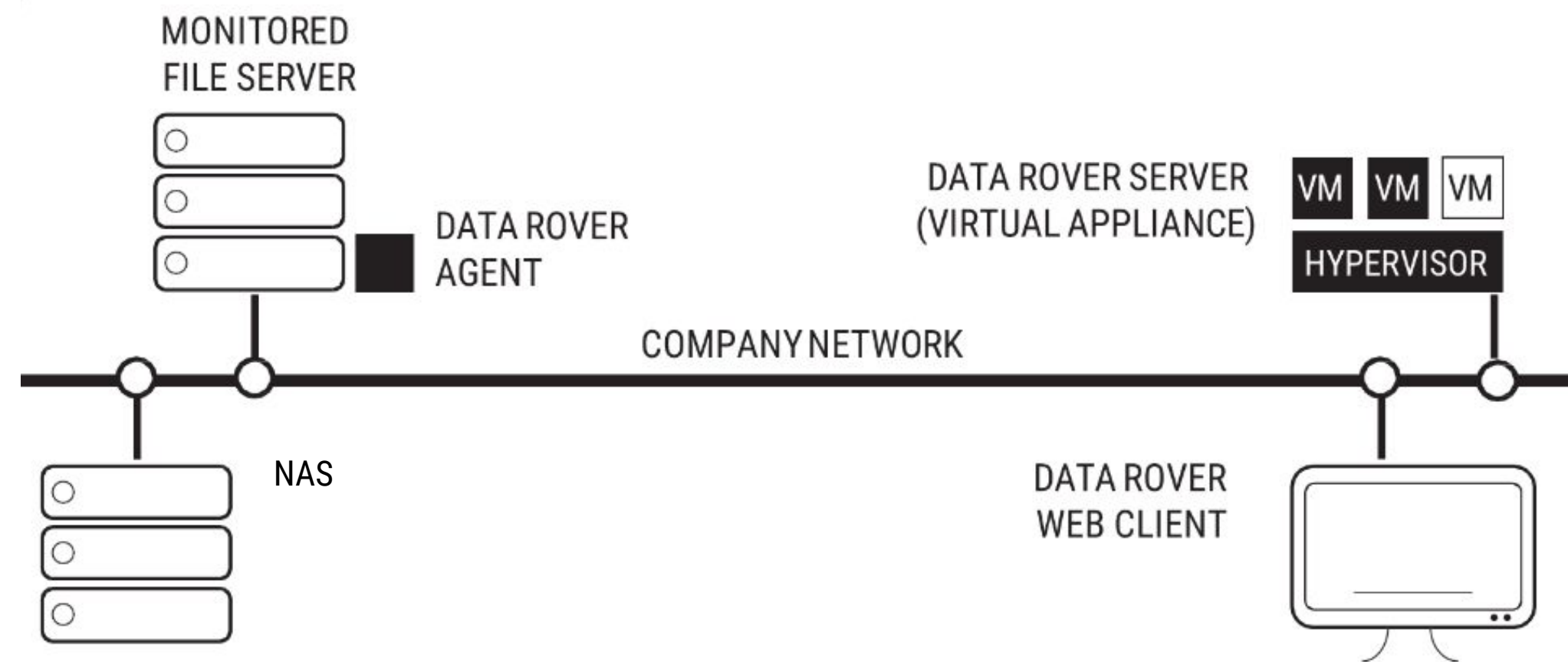
Data Rover helps IT personnel, i.e. those who are responsible for managing IT infrastructures and their security, but also who generate and work with data.

- Chief Technical Officers (CTOs), Chief Information Officers (CIOs), Chief Information Security Officers (CISOs) and Data Protection Officers (DPOs), but also to IT managers, system engineers and business managers.
- Company employees as they are delivered valuable information that identifies situations that require attention, making them aware and involved in data management.

Architecture and Technical details

The solution runs on a central server that handles all the business logic.

End-users connect to the server using any standard web-browser. Agents are used to monitor your storage resources.



- WELL-KNOWN AND TESTED WEB-BASED TECHNOLOGIES
- EXCLUSIVE WEB CONSOLE
- TECHNOLOGIES DEVELOPED BY A SINGLE TEAM
- SECURE VIRTUAL OR PHYSICAL APPLIANCE
- NO DIRECT ACCESS TO THE INTERNAL COMPONENTS
- EXTENSIVE USE OF DATA ENCRYPTION

Information processed by Data Rover

Data Rover collects and process various types of information and gives you control over:

FILE SYSTEM

The files and folders information within your company.

SECURITY PERMISSIONS

The real effective privileges users have on the information contained in files and folders.

IDENTITIES

Identities, i.e. users and user groups, on the Active Directory system and groups memberships.

SMB/CIFS SESSIONS

User activities on network shared files and folders, providing you with detailed information about how your company's information is being used.

Data Analytics and Effective Permissions

Allows for simple and clear control over the effective permissions, saving you time, money and... stress.

Get a complete view of the **real access privileges** to the files and folders present on the storage devices.

IT administrators will find it difficult to keep control and maintain the security of data. **It's easy to inadvertently create security holes or potentially dangerous situations.**

"EFFECTIVE PERMISSIONS". WHAT ARE THEY?

"Effective permissions" are the real privileges that users have on a file or folder.

Data Analytics

“Check for security flaws and eliminate issues. Simplify the management of permissions and the protection of data”.

Use the **Point-In-Time** feature to check a past configuration allowing you to evaluate the differences.

The screenshot displays the 'Users and Groups' interface for the path \\FS1E:\Groupdirs\Administration\Invoices\Year 2023. The main table lists the following data:

User/Group Name	Member of (within ACL only)	Object Type	Permissions
Administration		Domain COMPANY.DEMO	Modify
Administrator	Domain Admins	Domain COMPANY.DEMO	Full Control
Administrator	Administrators	Local COMPANY/FS1	Full Control
Administrators		Builtin COMPANY/FS1	Full Control
ballja1	Administration	Domain COMPANY.DEMO	Modify
Domain Admins	Administrators	Domain COMPANY.DEMO	Full Control
dragent	Administrators	Domain COMPANY.DEMO	Full Control
fontaeu1		Domain COMPANY.DEMO	No Permission
harrir1	Human Resources	Domain COMPANY.DEMO	Modify
Human Resources	Administration	Domain COMPANY.DEMO	Modify
lewisha1	Administration	Domain COMPANY.DEMO	Full Control
System		WellKnown COMPANY.DEMO	Full Control
walshca1	Administration, Human Resources	Domain COMPANY.DEMO	Modify

The 'File Permissions' sidebar shows a 'Point in Time' feature for the folder 'Year 2023', with a diagram illustrating the configuration for Administration, FS1\Administrator, and Administrator.

The 'Path/File Overview' section shows the following details:

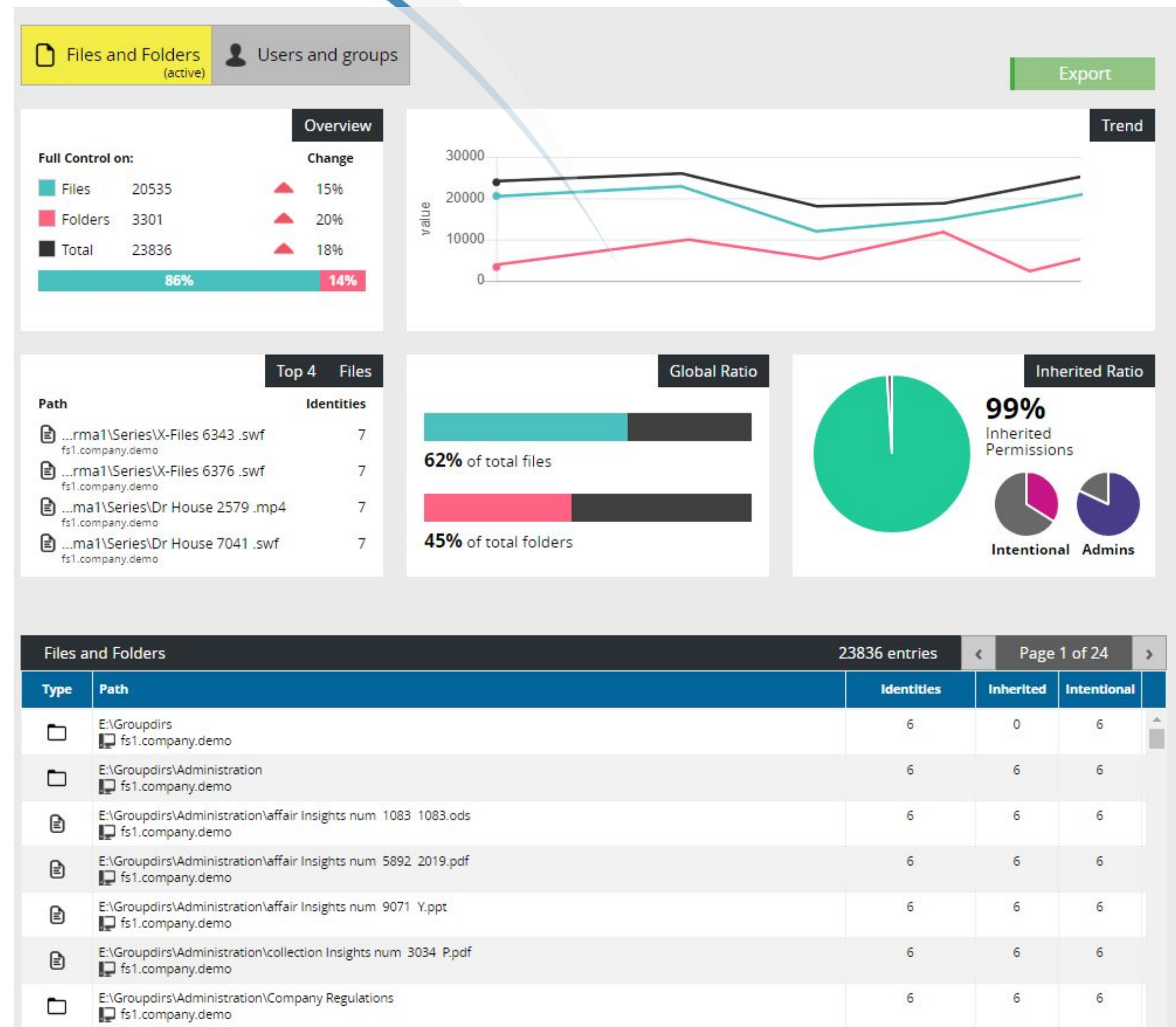
- Type: Folder
- Mime: folder
- Owner: FS1\Administrators

Security Reports

Concentrate on specific risk areas and deliver detailed analysis on the **privileges that can be potentially incorrect or dangerous.**

Available Reports:

- Full Control
- Delete
- Take Ownership
- Change Permissions





Dark Data

Data Rover makes work faster and safer by optimising the storage resources usage and reducing costs.

Identify the junk data and provides statistical information allowing you to evaluate the impact this data has on the infrastructures and then free up space.

WHAT IS IT DARK DATA?

"Dark Data" is useless rubbish that accumulates over time and constitutes an unjustified cost to the company.

Dark Data

“Improve the efficiency and security of the storage infrastructure. Simplify maintenance operations and reduce the time required to perform them”.

Available modules:

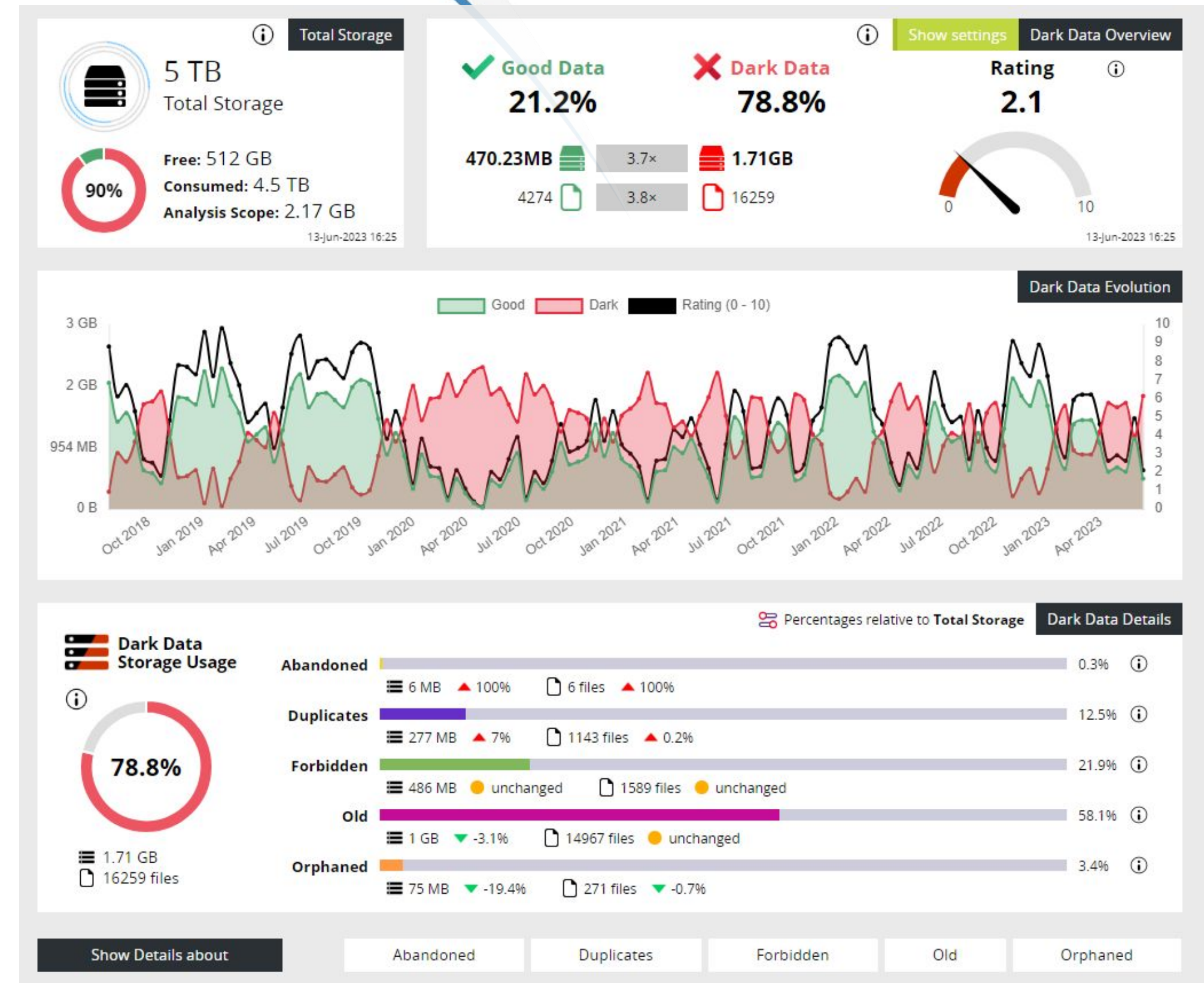
Forbidden Files

Duplicate Files

Old Files

Abandoned Files

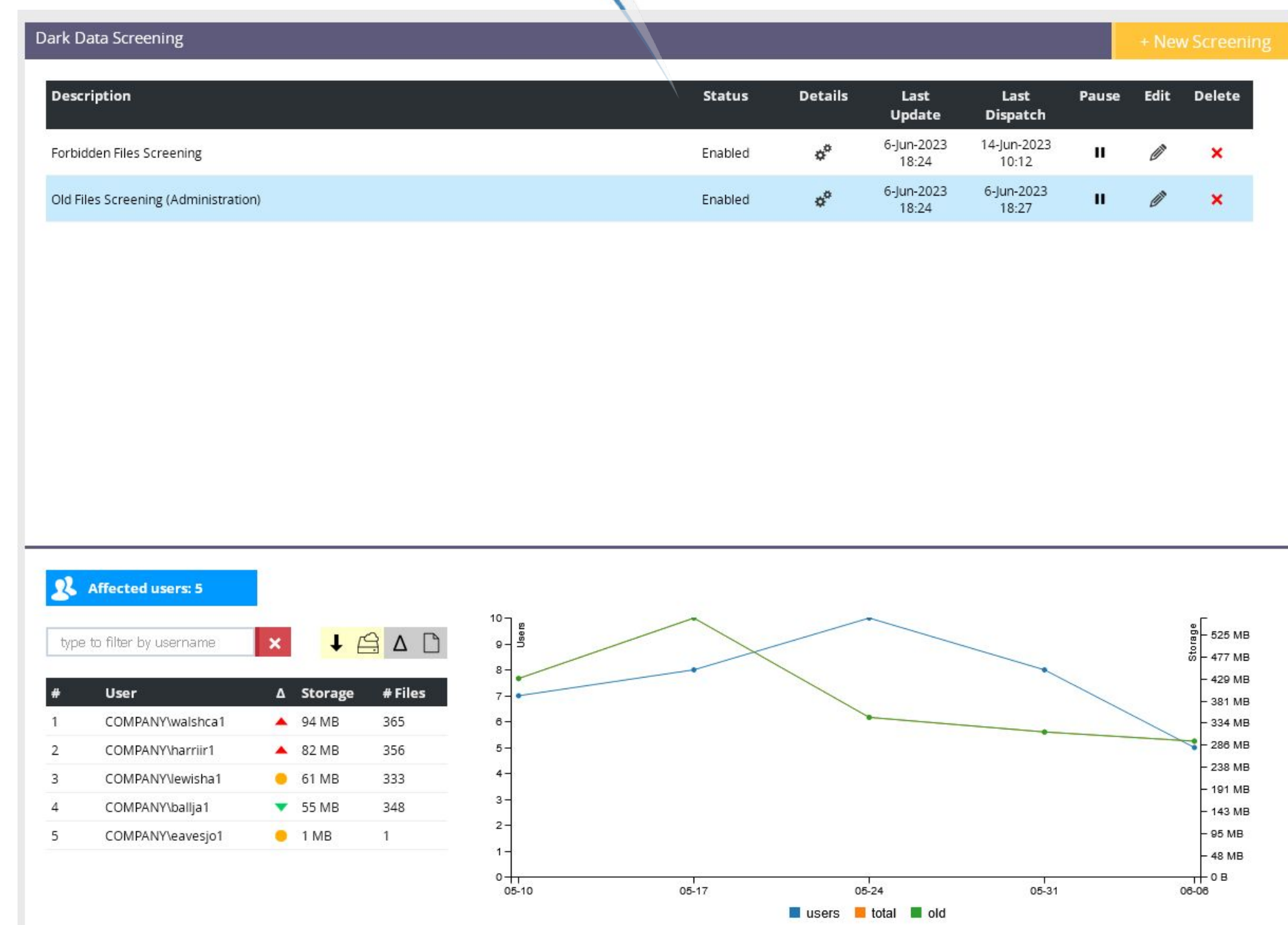
Orphaned Files



Data Screening

Regularly update the users on their personal storage usage so they can contribute in keeping the storage systems clean and efficient.

Configure periodic house-keeping routines based on Dark Data reports.



Auditing

File Auditor essentially determines who did exactly what, from where and when.

File auditing is an important tool for monitoring users activity on company network-shared folders. Track all the operations performed, such as the creation, modification or deletion of a file, by whom, when and from where.

It gives you also an overview on the global situation about users activities and distribution over time. Find out which are the most used resources.

File auditing

It gives you the proof that something was done. Right or Wrong it's not important - JUST the FACTS

Check if a user has tampered with a file.

Detects any abnormal user behaviour, such as repeated changes to sensitive files.

Identifies any violations of the company's data privacy policy.



Data Gate

Advanced data exchange and tracking system

Provides the business and staff with an environment to safely and easily transfer and exchange data in and out of the organisation.

- Automatic data cleaning
- Automate the “share life”
- Storage/user quota management
- Powerful internal auditing tool
- Data Policy enforcement

Data Gate

Create shared folders and maintain a comprehensive log of access activities.

Work and collaborate with third parties
CONFIDENTLY.

Share business data in/out of the company SAFELY.

Unlike using cloud services, you keep your data in YOUR OWN HANDS.

The screenshot displays the Data Gate web interface. At the top, it shows the company logo and name, the user's profile (Gabriele Marini), and a 'Logout' button. The main content area is titled 'Project Endeavour' and shows a list of files shared by Gabriele Marini. The files include PDFs, a TXT file, and PPT files, all uploaded on 13-06-2023. A table lists the files with their sizes and download counts. On the right, there is a 'Recipients' list with names like John Doe, Jane Doe, and John Dunno. The interface also shows an 'Access Pin' (A1DAC6) and storage information (5 GB free out of 5 GB). A 'Show Legend' button and 'Powered by DATA GATE' logo are visible at the bottom left.

File	Size	Uploaded by	Upload Date	# Downloads
affair Insights num 5892 2019.pdf	13.31 KB	Gabriele Marini	13-06-2023 15:24	0
collection Insights num 3034 P.pdf	16.38 KB	Gabriele Marini	13-06-2023 15:24	0
ERP 5683.txt	40.96 KB	Gabriele Marini	13-06-2023 15:24	0
ERP L.pdf	10.24 KB	Gabriele Marini	13-06-2023 15:24	0
General Admin Rules Aug-2003 6549.pdf	17.41 KB	Gabriele Marini	13-06-2023 15:24	0
Guide about deal 2019.ppt	309.25 KB	Gabriele Marini	13-06-2023 15:24	0
Instructions 5299.pdf	7.17 KB	Gabriele Marini	13-06-2023 15:24	0
Instructions 9081.pptx	31.74 KB	Gabriele Marini	13-06-2023 15:24	0

Find out how the use of Data Rover can bring benefits and improvements to your business.

CHECK ACCESS PERMISSIONS

Take control over the real access privileges that company users have on your information. Find out privileges that can be potentially incorrect and/or dangerous to the information security. Close the identified security holes.

DATA COMPLIANCE & OPTIMIZATION

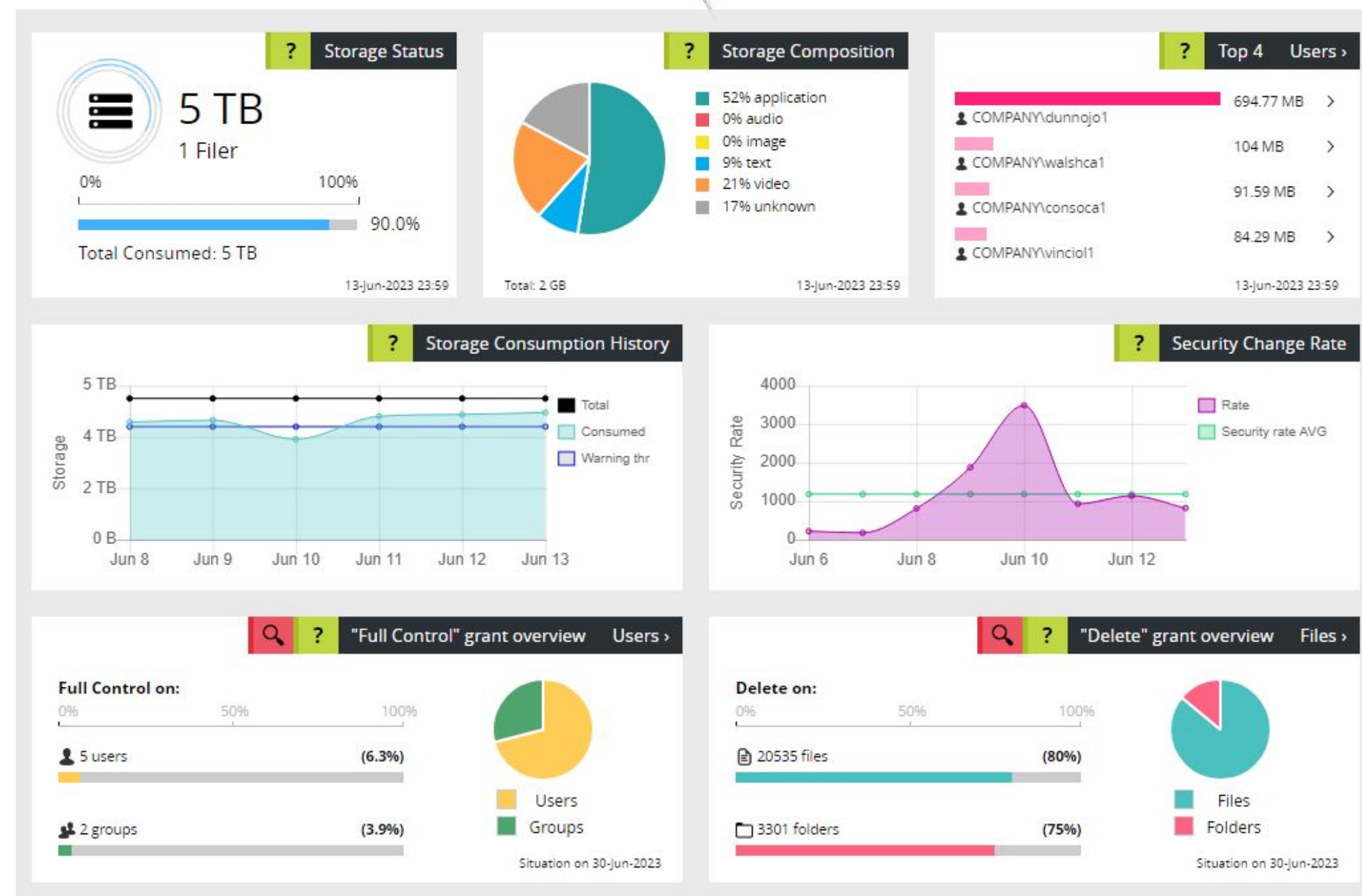
Accumulated data rises storage, management, backup and power that provide no added value. Removing the "dark data" improves efficiency, security and reduces costs. In addition, by cleaning up the "junk data" you can enforce the company's data policy.

SHARE

Exchange information with the peace of mind of audit trailing. Your data is always in your hands and under your complete control.

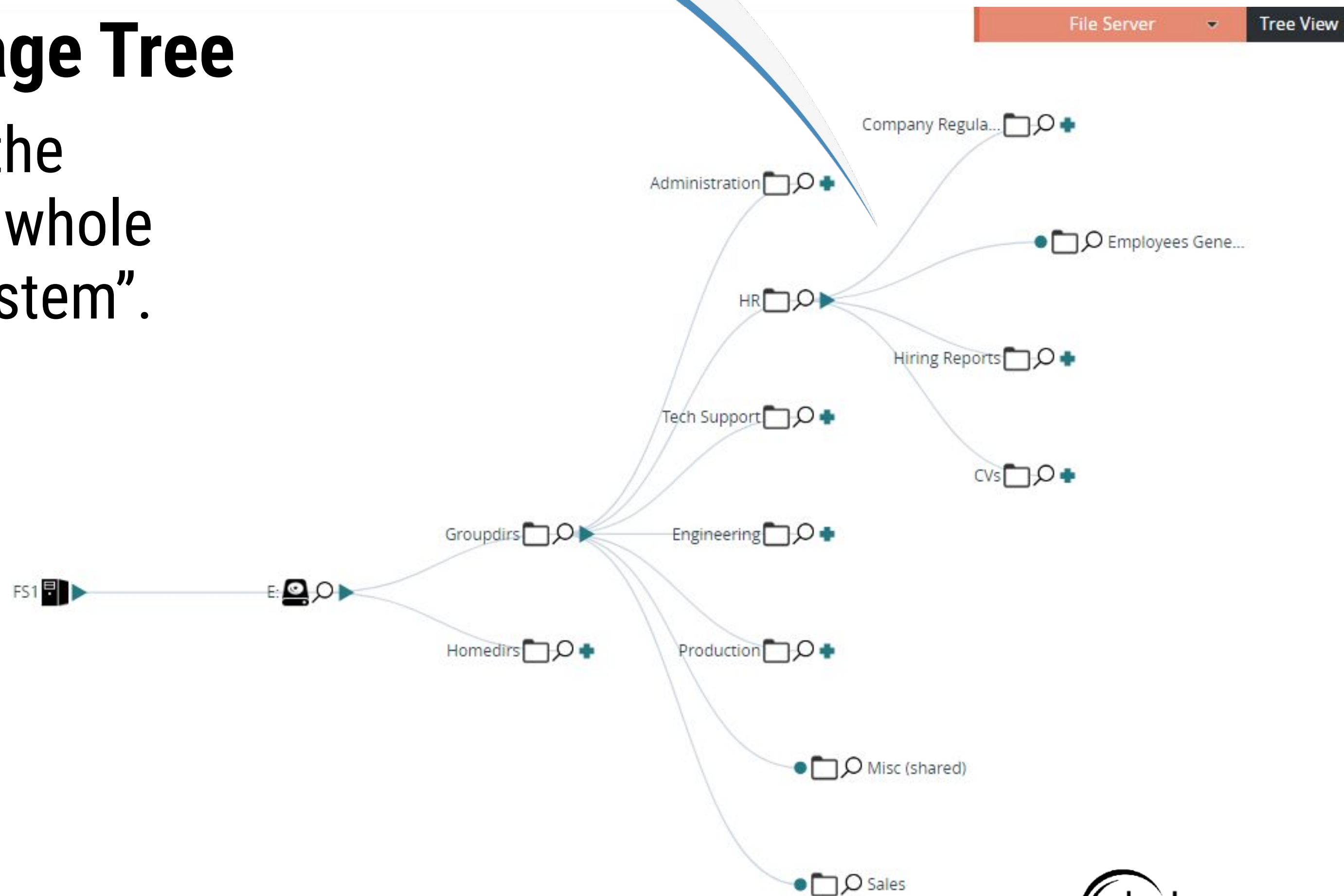
The Dashboard

“The ‘Mission Control’ room of your company. Gives you an overview about your data and usage”.



Explore Storage Tree

“Easily explore the structure of the whole company file system”.



DATA is an incredibly **valuable** Asset and **vital** to your existence and success.

The never-ending **CHALLENGE** is to **PROTECT** and **EXPLOIT** that DATA.

PROTECT YOUR COMPANY'S ASSETS

Gain control over Data Management and Cybersecurity.

- Data Analytics & Security Reports
- Effective Permissions
- File Auditor
- File Classification
- Dark Data & Data Screening
- Data Gate

Enhance and Protect your business





Your **Data**, your **Success**.

Data Rover gives you **vital** information, allowing you to make **strategic** and **educated** decisions.

Your data, your success.

Gabriele Marini
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