Any company in the world that considers its data as a valuable asset and fundamental to its success and existence needs Data Rover, be it for an emerging company to a giant corporate.

data rover
Your data, your success.

Data Rover is a single solution for Infrastructure and Security managers that allows to explore, manage, process and protect data effectively and efficiently, by simultaneously addressing the two primary needs related to the use of data: Cyber Security and Data Management.

Features

Among its key features the application provides invaluable information in analysing access privileges to files and folders on corporate storage devices. It allows you to analyse the effective permissions of the users, i.e. the real ones. It identifies not only who can access data, but also who did exactly what, when, and from where.

Additionally, the software helps you filter out and distinguish valuable assets from junk information that becomes an unnecessary weight and an unjustified cost to the company.

Data Rover bridges IT security and data management, offering information that is difficult and overly time-consuming to obtain manually or through the use of multiple system tools simultaneously.

Data Rover enhances and helps storage infrastructure management operations and allows you to identify security flaws or wastage of resources quickly and precisely.

Ultimately Data Rover substantially reduces the company's carbon footprint resulting in huge amounts of time saved and an overall significant financial gain.

Data Rover has been designed to respond to on-premise heterogeneous storage environments, and/or those companies preparing to transition to the Cloud, or are in a hybrid configuration.

Data Rover Components

Data Rover's foundation version requires two components: the Appliance and the Agent, located in the Customer's on-premise infrastructure.

Key Areas Addressed

- Data Analytics
- Explore Storage Tree
- Dark Data and Data Screening
- Security Reports
- File Auditing
- Secure File Sharing and Tracking
- Effective Permissions
- Database Library API for SIEM and 3rd party security solutions

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

Technical Requirements

The appliance is a virtual machine hosted on VMWare vSphere or Microsoft Hyper-V infrastructure. The Agent is software installed on a Microsoft Windows Server 2016 or higher machine which, through a user with authorised credentials, acquires information and data from the storage to be monitored (Windows storage of the NTFS type natively, however, it is also capable of collecting information from shared folders via Windows SMB/CIFS protocol). The agent takes care of retrieving and sending the data to the Appliance, where they are processed and made available for consultation by application users.

Data Rover interacts with the Customer's Active Directory infrastructure (Microsoft Active Directory schema version 69 or higher), from which it takes information on users, groups, domains, etc. to be able to cross-reference them with the data collected by the Agent and produce the various reports. Active Directory elements are scanned using the Agent or directly from the Virtual Appliance using the LDAP protocol.
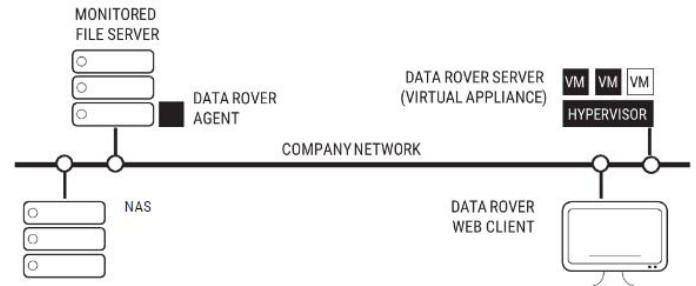
The Data Rover server is located within the customer's virtual infrastructure. Monitoring of storage resources (File Server or NAS) takes place via agents. The agent can be installed natively on Windows-based file servers or on a service machine to scan NAS devices.

Minimum Installation Requirements

Data Rover Appliance 6.x:
Compatible with VMWare ESXi 7.0 and above or Microsoft Hyper-V TYPE 2 Win Server 2016 and above
Processors: 2x2 vCPU (Core)
Memory: 8 GB RAM
Storage: 4 Virtual Disks ("Thin" format)
    OS Disk: 80 GB
    Disk Virtual memory (Swap): 16 GB
    Data Disk 1: 500 GB
    Data Disk 2: 600 GB

Data Rover Agent:
Microsoft Windows Server 2016 or higher operating system
Microsoft .NET Framework 4.8
Windows Management Instrumentation (WMI) support enabled
Latest generation Quad-Core processor at least 2.5 GHz
Memory: 4 GB Ram
Disk space: 150 MB (install)
Disk space: 20 GB (data cache)

Execution of the "Data Rover Agent" service by user account:
- a domain account user enabled for Active Directory queries (LDAP)
- belonging to the administrator's group on the local machine
- granted at least read and access permissions to the file system branches to be monitored

The final sizing of the Data Rover appliance and configuration of the agents depends on the characteristics and size of the infrastructure to be managed.

Licencing

The Data Rover software requires a valid and unique customer licence key to use for each installation. If desired a single key may be configured to handle multiple sites. The key is entered during installation and periodically the client-side key checks in through the network connection to the Data Rover Cloud. The License Server checks the operating parameters of the installation (parameters covered by the licence).