

# Mendeley Data Manager

Unlock the full potential of your research data  
The fully integrated institutional data repository



Managing research data beyond a single project team often proves challenging. Even if an institutional data repository is available, institutions have a challenge to understand what is happening around research data within their organization. Also they are responsible for secure data storing and preservation and maximizing data re-use all while maintaining compliance with funder mandates and being able to track your grants ROI.

Institutional decision makers are looking for a comprehensive oversight of the work of all teams, ideally in a way that integrates with other management tools like a current research information system (CRIS). This supports strategic measures that improve research output, facilitate collaboration, and increase the exposure and impact of data and publications.

## Mendeley Data Manager users and benefits

Mendeley Data Manager is an institutional integrated data management solution where:

- Researchers can easily store, manage, share and publish their ongoing research data and annotations in the institutional data repository. Integrate with lab tools like electronic lab notebooks (ELNs) - making managing research data simple and accurate via a drag and drop interface.
- Institutional decision makers can securely preserve research data and make it available within and outside the institution, driving increased exposure and data re-use.
- Integration with existing data management tools from your current workflow (like data management plans or your CRIS system) provides valuable insights of what is happening around research data within the institution.

Mendeley Data Manager helps *research institutions*, that want to drive *data re-use*, by *reducing the time and effort* it takes to store and preserve high-quality research data by improving *integration of data management tools with existing management systems from your existing workflow*.

## Mendeley Data Manager capabilities

Mendeley Data Manager is designed to support both institutional and researcher needs around data storing, preserving, managing, sharing, publishing and reporting on active and published data.

### For RESEARCHERS

- This will save time – not add time
- Works in parallel to existing domain repositories
- Get credit for your efforts, through data citations
- Integrated with other platforms to save time
- Simplicity of Mendeley Data, within the University environment
- Domain specific or department specific metadata control

### For INSTITUTIONAL IT

- Trusted and scalable data repository
- Easy integration with institutional CRIS system
- Proven Elsevier and Mendeley technology

### For LIBRARIANS

- Reliable and trustworthy preservation
- Data versioning
- Powerful search capabilities
- Simplified research data curation

### For RESEARCH DEPARTMENTS

- Integration with CRIS systems like PURE
- Analyse and report on research data
- Better showcasing of university data outputs
- Better control over data when researchers transfer to another institution

For more information about Research Data Management solutions, visit

<https://www.elsevier.com/about/open-science/research-data/research-data-management>

## Solution checklist

**Reporting and user admin** – Administering user access to Mendeley Data Manager and providing reporting so that the University and research funders can measure production and usage of datasets.

- ✓ Federated user authentication using Shibboleth/CAS
- ✓ Views and download statistics
- ✓ Have 10 to 100.000+ users per institution
- ✓ Number of groups per institution is Unlimited
- ✓ Maximum storage per dataset: Cloud based 20gb per file, currently 10 terabytes per dataset – configurable by department quotas
- ✓ Maximum storage per institution: 100k terabytes (if need more please call us)
- ✓ Hosting options and data saving options are AWS with selectable geo regions and the ability to store locally
- ✓ Admin allows institutional oversight, funder API access level (controllable), Department level, Project level, and Project invitee level
- ✓ The ability to link to associate Grant IDs, users and projects across ecosystems (automatic association when using the Pure CRIS system)

**Active Data Management** – Store data as it is produced and share with team to facilitate feedback and collaboration.

- ✓ Private collaborative sharing in a compliant manner
- ✓ Hierarchical folder structure
- ✓ Comment on draft datasets
- ✓ Import data from Dropbox, Google Drive, (a growing list)
- ✓ Full text search of private file content
- ✓ Supported file types for upload: any - tables, figures, but also video, audio – with ability to institution restrict options for file formats for preservation

**Integration with your existing tools and workflow** – Full integration with your existing workflows (CRIS, ELN, archiving solution) which provides the University's data catalog and research portal.

- ✓ Data migration of existing datasets
- ✓ KRIS integration PURE & open Push/Pull API (for other systems)
- ✓ ELN integration Hivebench & open Pull API (for other ELN's)
- ✓ Archiving integration for your own solution

**Restricted Data Management** – Store and manage data that is restricted and not intended for open access publishing e.g. Personally Identifiable Information (PII), Commercially Sensitive, Security Classification e.g. industrial, energy, military.

- ✓ Save data to local storage
- ✓ Restricted data checklist and warning message

**Discoverability and Custom Metadata** – Improve findability by ensuring high quality domain specific metadata. Provide capability of a specialist data repo in a generalist repo.

- ✓ Ability to add new metadata fields for datasets
- ✓ Search and browse datasets metadata AND deep data using DataSearch
- ✓ Data visualisation of tabular file formats with 3d file interactions
- ✓ Link to files, software, URIs not uploaded directly to Data Manager

**Publication Curation Workflow** – Provide ability to control process of approval (custom workflows) of datasets prior to publication to insure that data is published in line with DMP (Funder) and Institutional mandates.

- ✓ Showcase Datasets via a public web portal
- ✓ Versioned DOI (with institutional prefix if required) with Force11-compliant metadata
- ✓ Permanent offline storage archiving in DANS or archiving solution of your choice
- ✓ Connect datasets with articles
- ✓ Clear tracking of changes between iterations – each with their own DOI
- ✓ ZIP file support