

EOSC EU Node Large File Transfer

Streamline large file transfers online
with added security and integrity.

EOSC EU NODE

open-science-cloud.ec.europa.eu

IN THIS SHEET

Key Features, Benefits, Who is it for, Use cases, Service provider, Getting started

EOSC EU Node Large File Transfer

Streamline large file transfers online
with added security and integrity.

The EOSC Large File Transfer service offers secure, reliable, and fast large file transfers online for researchers, institutions and collaborative projects. Designed with simplicity and scalability, it enables individual researchers to seamlessly collaborate on large datasets across Europe without the need for technical setup, supporting FAIR and Open Science principles through ease of use.

KEY FEATURES

Transfer large or multiple files with ease

Send secure, encrypted transfers
with access control

Access easy to use web interface
& API integration

Get email notifications for sent,
received, or downloaded files

WHO IS IT FOR

Researchers

EU-Funded Research Projects

Research Performing Organisations

Research Infrastructures

BENEFITS



European-hosted for data
sovereignty & trust



Enables large-scale, cross-
border collaboration



Easy integration into
institutional workflows

FAIR

Supports Open Science &
FAIR Principles



Easy onboarding & user
management



Available via your virtual credits

Cloud-Based Reliability: Built on a scalable, high-performance infrastructure, the Large File Transfer service ensures seamless, encrypted file transfers without size limitations.

High Availability: Designed for near-continuous use, supported by resource credit management and regular maintenance to minimise downtime.

Real-Time Monitoring: Users can track file transfer status, set expiration controls, and receive notifications to ensure efficient and secure data exchange.

USE CASES

Adopted by university e-learning departments to distribute 10GB recorded lecture series and digital course materials across multiple campuses.

Used by a global warming research team for transferring up to a terabyte per month of simulation data across multiple research centres.

Used by a software research team for distributing a 50GB beta version of an upcoming application to external testers.

Implemented by a biomedical research institute for exchanging over 500GB of genomic sequencing data with a partner university for advanced analysis.

SERVICE PROVIDER

The Large File Transfer service is delivered by the **Nordunet**, leveraging the open-source FileSender platform for secure, high-speed file transfers.

As an integral component of the **EOSC Federation**, this service seamlessly integrates with other EOSC services, supporting interoperable, pan-European research infrastructures.

GETTING STARTED

01

Visit: the EOSC EU Node Portal open-science-cloud.ec.europa.eu



02

Authenticate: Go to the User Space and sign in using your institutional credentials, or EU or eIDAS login.

03

Enable & Launch: From your dashboard, locate the Large File Transfer service, click "Get Access," and begin transferring files securely.

Must be affiliated as faculty, employee or staff with eduGAIN or eIDAS credentials.



**CONTACT EOSC EU NODE
HELPDESK**
open-science-cloud.ec.europa.eu/support/helpdesk



ACCESS DOCUMENTATION
<https://open-science-cloud.ec.europa.eu/services/large-file-transfer#documentation>



**TRAINING
RESOURCES**
openplato.eu/eoscunode