

Open Beta: 22 June 2021

Sensitive Data Services for Research

Designed for Finnish higher education and research institutions

High security standards

Facilitates collaborations between different organizations

Easy to access from your own computer and internet

Complies with CSC general terms and conditions

CSC as data processor
Data Owner as data controller

SD Desktop

Compute

- ✓ Secure private workspace for sensitive data which supports cooperation
- ✓ Accessible through your web browser from your own computer
- ✓ Designed to process all type of sensitive data
- ⚠ Limitations regarding operating systems and software in the beta versions

SD Connect

Store and Share

- ✓ Easy to use web interface which allows secure data sharing and upload
- ✓ Connects stored data with the computing environment in SD Desktop
- ✓ Hosts data for the duration of an active project
- ⚠ Currently requires manual data encryption

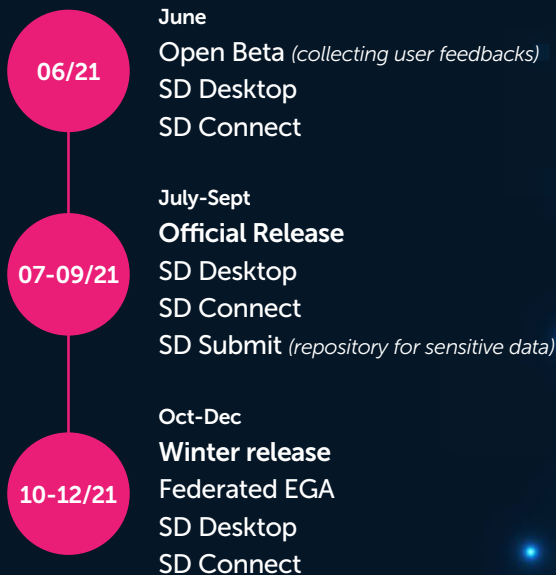
Limitations in the open beta release

- Linux only
- No automatic encryption
- Limited data export capability
- Limited set of pre-installed software
- Disk space is limited (40 GB)

List of available software

Centos 7 with GNOME desktop,
Python 3.7.9 tensorflow nltk spacy
numpy scipy pandas statsmodels
matplotlib, LibreOffice,
R TensorFlow CUDA GIS, RStudio
Server, samtools, bcftools, htlib,
plink

Roadmap



Future development

- Windows operating system
- Automated encryption
- Authorized data export
- Customizable computing environment
- Multi-factor authentication

Getting started at CSC

<https://research.csc.fi/accounts-and-projects>



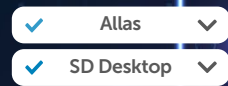
1. CSC Account



2. CSC Project



3. Personal data handling
form and DPA



4. Service Access

Contact and support

servicedesk@csc.fi email subject: Sensitive Data
<https://research.csc.fi/sensitive-data>