



Data security by design

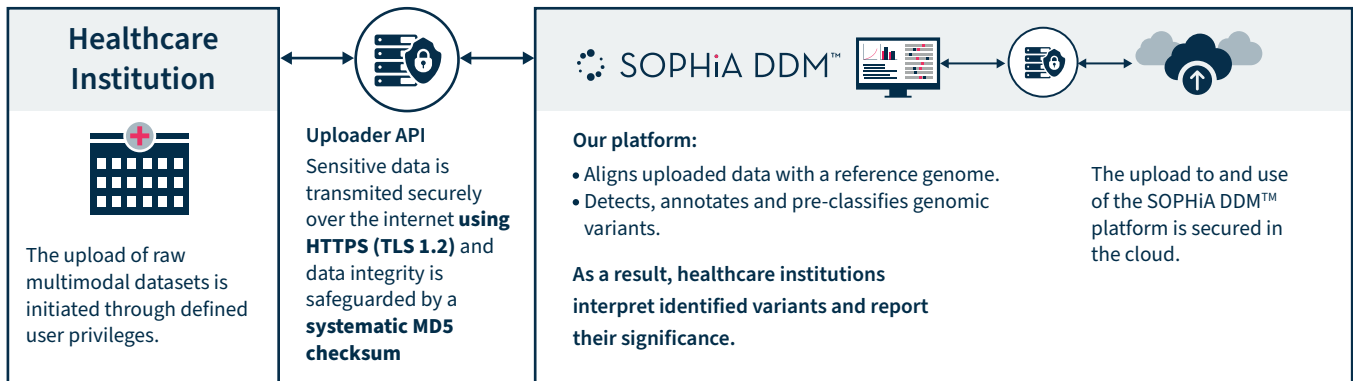
The SOPHiA DDM™ platform is a global, cloud-based SaaS platform with data protection and privacy at its core.

Every day, healthcare institutions handle a huge amount of data. They have to implement appropriate technical and organizational measures to ensure data security and privacy. SOPHiA GENETICS provides the optimal environment to safely process and store data. Thanks to a robust, audited combination of innovative technologies and workflows, **we set the state of the art of secure data management.**

HIGHLIGHTS

- ✓ SOPHiA GENETICS is ISO 27001 certified
- ✓ Information is encrypted at rest, in transfer and at the file level
- ✓ Data processing and storage are in compliance with HIPAA and GDPR

From data upload, to report generation and beyond



Protecting data in a constantly changing threat environment

The SOPHiA DDM™ platform infrastructure is designed to protect the privacy and integrity of your healthcare data with security controls and processes.

Strict access control

Data is protected by two-factor user authentication or SAML2 integration.

Cloud-based storage

Cloud and regional data centers for analysis and storage meet regulatory and HITRUST CSF requirements.

Distributed file system

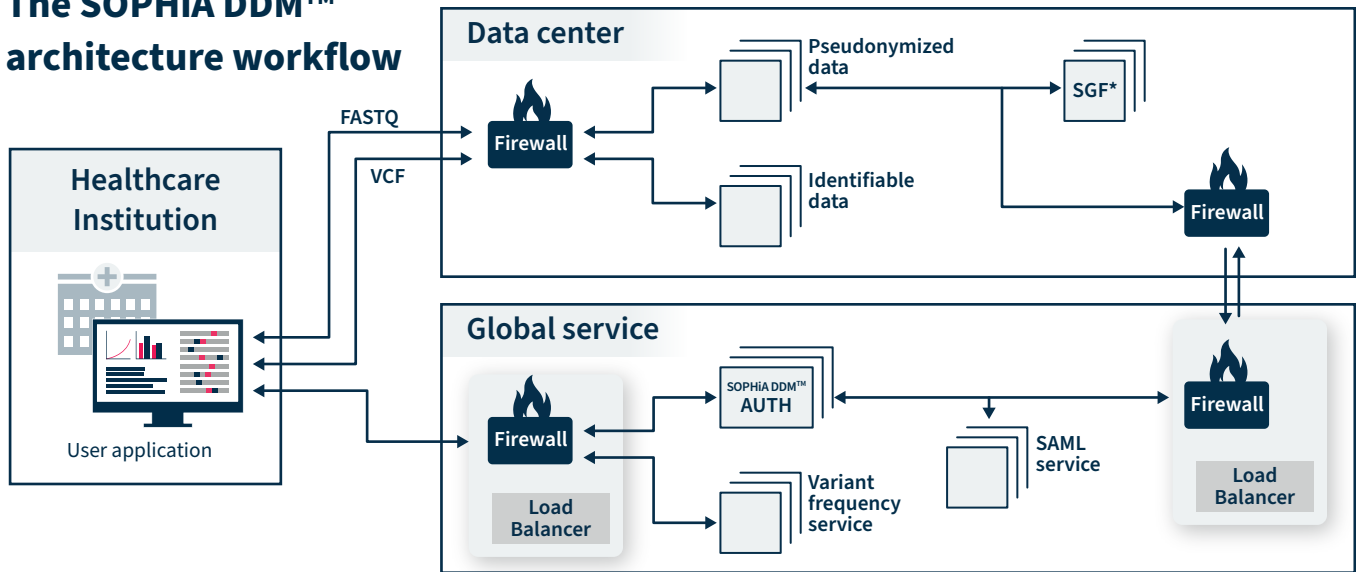
Data is available in the cloud data centers near its origin enforcing fail-safe data replication.

End-to-end encryption

All data stored or transferred is encrypted using the highest industry standards (HTTPS, AES256 key, RSA 2048-bit length).



The SOPHiA DDM™ architecture workflow



* It decrypts encrypted input data into the execution storage area, triggers pipeline execution and transfers pipeline outputs from execution storage to permanent storage, encrypting it in the process

Ensuring sustained data quality

SOPHiA GENETICS responds to your cybersecurity needs.

- ✓ Annual internal and third-party audits
- ✓ Annual and ad hoc penetration testing
- ✓ ISO 27001 certification since 2014

Why is ISO 27001 so important?

ISO/IEC 27001:2013 (also known as ISO 27001) is the international standard for information security. It provides a framework of specifications, codes of conduct, and best practices for storing, securing and disposing of information assets. The SOPHiA DDM™ platform's certification is an additional recognition of our commitment to secure data management.



“*Privacy and security are parts of our DNA. By design and default, all our solutions are conceived to help healthcare institutions retain complete control of the data.*”

Jurgi Camblong, Co-Founder and CEO at SOPHiA GENETICS

About SOPHiA GENETICS

SOPHiA GENETICS (Nasdaq: SOPH) is a healthcare technology company dedicated to establishing the practice of data-driven medicine as the standard of care and for life sciences research. It is the creator of the SOPHiA DDM™ platform, a cloud-based SaaS platform capable of analyzing data and generating insights from complex multimodal data sets and different diagnostic modalities. The SOPHiA DDM™ platform and related solutions, products and services are currently used by more than 780 hospital, laboratory, and biopharma institutions globally.

Want to know more? Contact us at: info@sophiagenetics.com

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