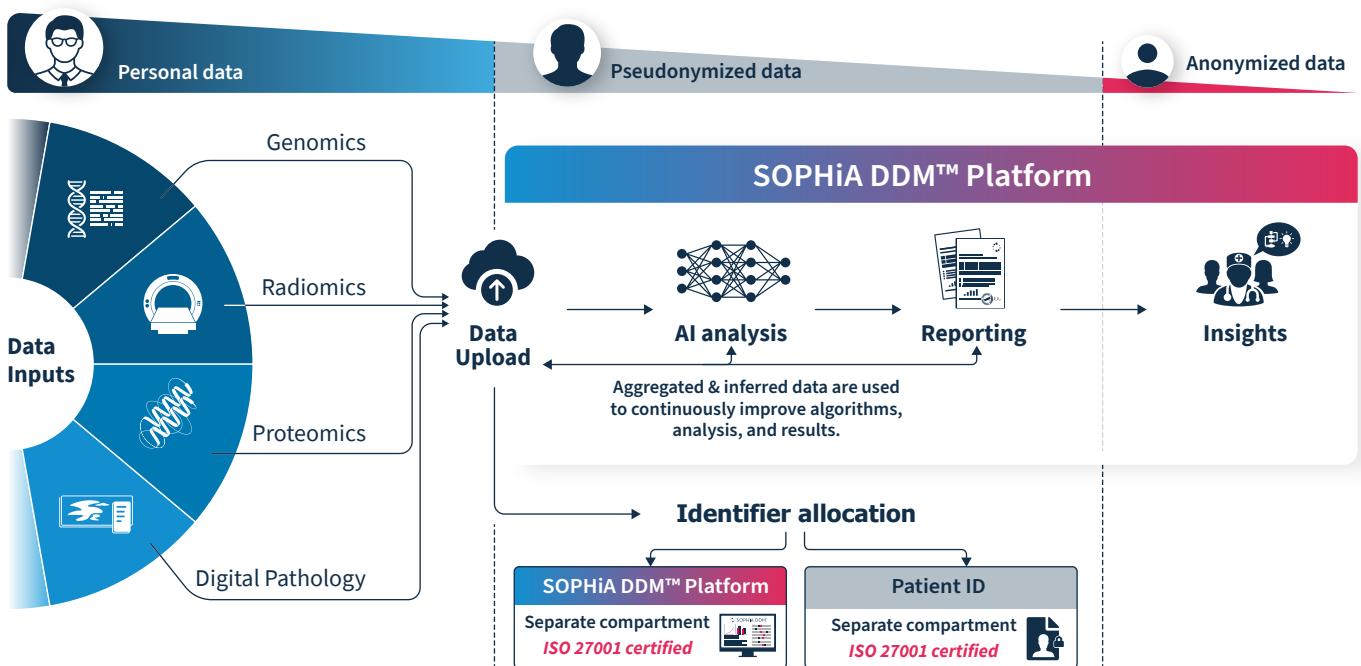


Personal Data in the SOPHiA DDM™ Platform

A cloud-native platform with data protection at its core

From Personal Data to Insights

From the start, the platform has been designed with data protection in mind. The data is uploaded and instantly pseudonymized in the SOPHiA DDM™ Platform allowing users to securely analyze their data. With the SOPHiA GENETICS™ Community insights, the Platform users and researchers can learn and improve their interpretations anonymously based on shared knowledge.



Privacy by design

Health data are highly sensitive personal data and confidential information. From day one, SOPHiA GENETICS has ensured the highest level of personal data protection in line with legal requirements. The SOPHiA GENETICS architecture ensures **privacy by design** with the pseudonymization of data by segregating identifying data from other data.

Protecting data in a constantly changing threat environment

- ✔ **Strict access control**
 Data is protected by a two-factor user authentication or SAML2 integration.
- ✔ **End-to-end encryption**
 All data stored or transferred are encrypted using the highest industry standards (HTTPS, AES256 key, RSA 2048-bit length).

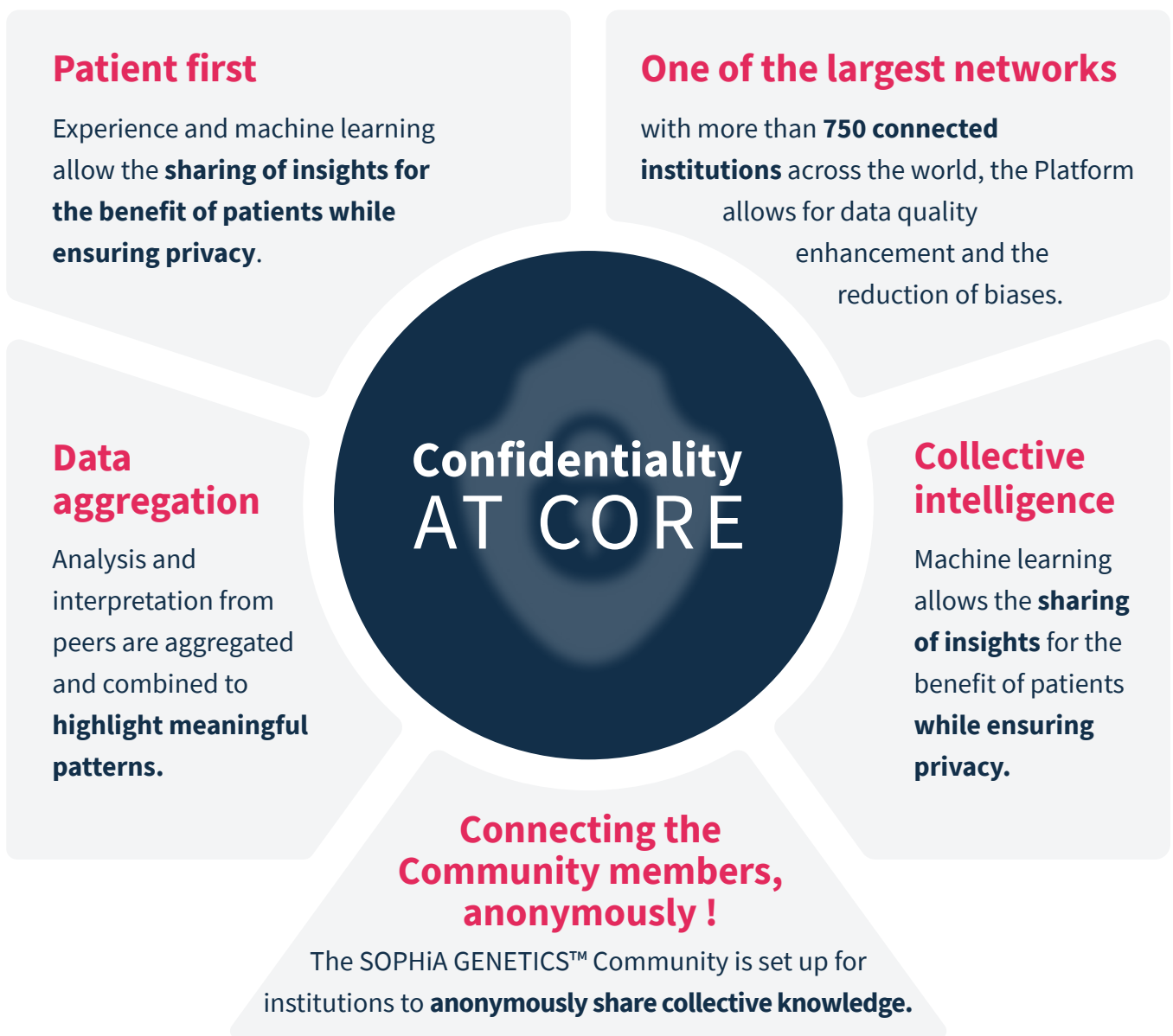
- ✔ **Cloud-based storage**
 Cloud and regional data centers for analysis and storage meet regulatory and HITRUST CSF requirements.
- ✔ **Distributed file system**
 Data is available in the cloud data centers near its origin enforcing fail-safe data replication.

SOPHiA GENETICS™ Community at-a-glance

The SOPHiA GENETICS™ Community is one of the largest networks of healthcare institutions. Each institution within the SOPHiA GENETICS™ Community gains knowledge and insights to improve its expertise in treating disease while keeping complete control of the data.

How the SOPHiA GENETICS™ Community works

Aggregated insights from anonymized data across institutions create collective intelligence on multiple disorders. This further supports confident, informed decision-making and accelerates the discovery and improvement of targeted therapeutics.



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I will share my medical knowledge for the benefit of the patient and the advancement of healthcare.

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