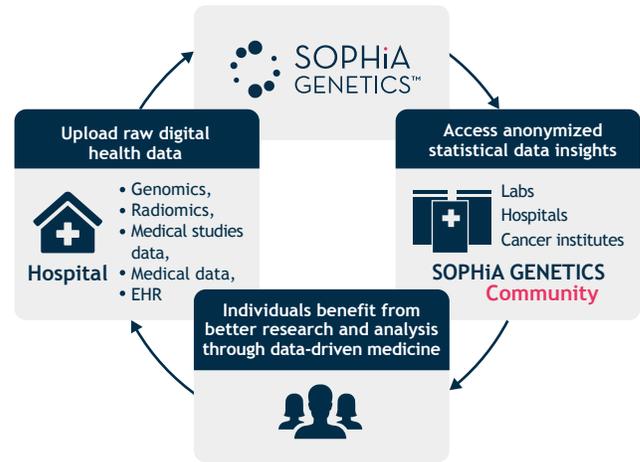


# The SOPHiA DDM™ platform

Where others see data, we see answers. **Together.**

## Our vision

To provide equal access to knowledge and capabilities by **democratizing data-driven medicine**. Data-driven medicine draws insights from disparate, complex datasets to improve research, analysis, and drug development. Our global data-sharing network advances data-driven medicine to improve health outcomes and economics.



The SOPHiA DDM™ platform, based in the cloud  
High quality data insight generation

## SOPHiA GENETICS: Leader in predictive modeling

Ongoing research studies across multiple indications

Powered by artificial intelligence (AI), SOPHiA DDM™ is a global, cloud-based Software-as-a-Service platform that provides a safe, secure, and instantly accessible environment to generate insights across complex genomic and phenotypic datasets.

Customers own their samples and retain ownership of their data. The SOPHiA DDM™ platform provides analysis and insights across multiple areas, from oncology to inherited disorders.



**LUNG CANCER**  
NSCLC Stage IV

**25+ sites | 4,000 profiles**

Developing predictive models that inform response at 1<sup>st</sup> evaluation

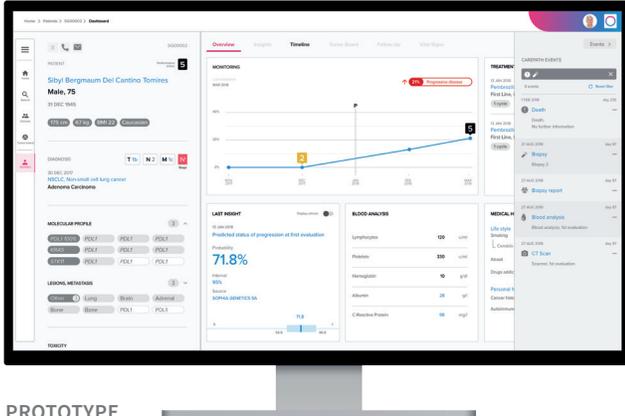
**80+**  
Participating sites

**20+**  
Active partnerships

**10+**  
Disease areas

- ✔ International sites with diversity of institutes gathering unique samples
- ✔ Studies contribute to growing our algorithms
- ✔ Supporting a wide variety of disorder areas
- ✔ Building predictive modeling based on large cohorts to hone treatments in the future

# Longitudinal views multiple data types



PROTOTYPE  
Product in development

## Studies

- Data standardization for pooled analysis
- SOPHiA GENETICS clinical studies and collaborations

## Multidisciplinary team support

- Image visualization and quantification
- Platform integration with EHR, LIMS, PACS
- Performance metrics

## Insights to action

- AI-based prediction algorithms
- Guideline implementation
- Care coordination

- ✓ Supporting tumor board discussions
- ✓ Tracking the individual across their journey with multiple layers of data
- ✓ End to end visualization of the information
- ✓ Enabling collaboration of multi-disciplinary teams

# Commanding data security and privacy in the cloud

Protection aligned to industry standards

## Far-reaching conformity

- ISO 27001 certification for Information Security Management System
- Alignment with GDPR (*General Data Protection Regulation*) & HIPAA (*Health Insurance Portability and Accountability Act of 1996*)



- ✓ Data security and privacy are key to our successful work with partners
- ✓ Trustworthy with medical data
- ✓ Mindful of guidance and compliance, we still support a community that shares insights in an appropriate manner

**About us** | SOPHiA GENETICS is the creator of a global data-sharing network – we work with customers from over 780 institutions in over 70 countries. Our network advances data-driven medicine to improve health outcomes and economics worldwide.

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