SOPHiA GENETICS™

Democratizing Data-Driven Medicine, Together



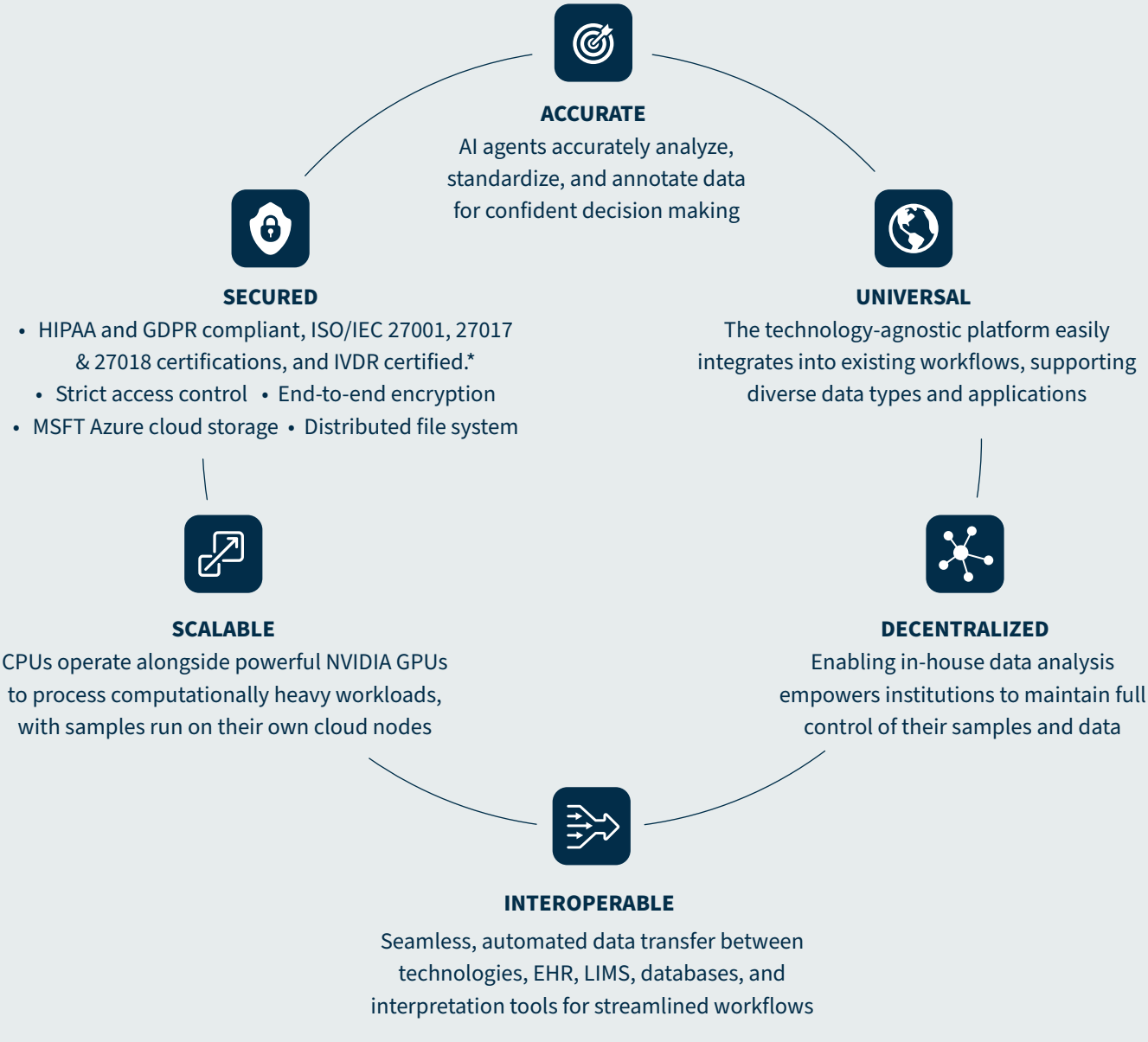
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About us

- At SOPHiA GENETICS, we are committed to **transforming patient outcomes** with AI-driven technology that converts complex data into **actionable insights.**
- We have developed a **cloud-native SaaS IVDR* - certified platform**, the SOPHiA DDM™ Platform, for the accurate analysis, standardization, and interpretation of multiple types of healthcare data related to cancer and rare & inherited disorders.
- Our advanced AI agents are **breaking data siloes and democratizing access** to anonymized real-world insights.

About the SOPHiA DDM™ Platform

- The company's flagship solution is the cloud-based platform SOPHiA DDM™, encompassing three state-of-the-art computational factories for the analysis of **genomic, radiomic, and multimodal data.**
- This platform uses artificial intelligence to deliver **life-saving insights** and **accelerate research breakthroughs**, while **connecting a vast network** of healthcare institutions globally.

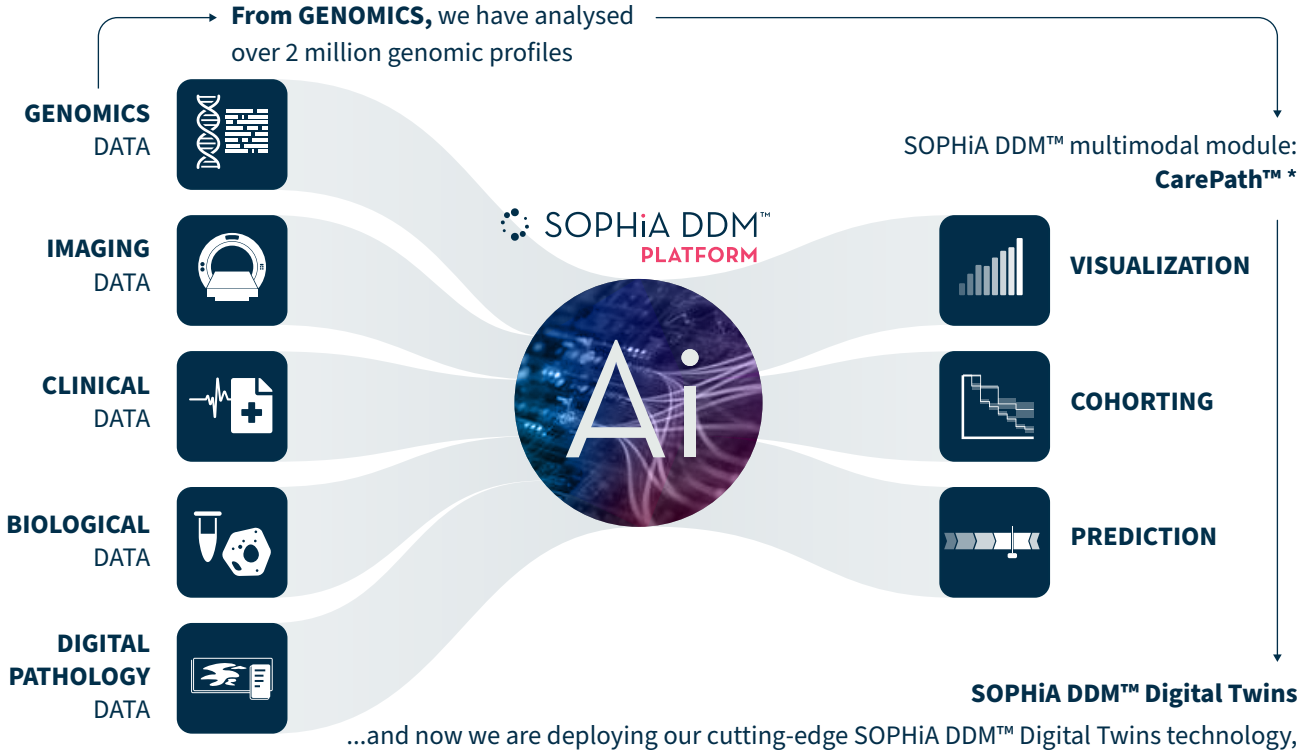


*When used in Dx mode.

Why choose SOPHiA GENETICS?

BEST-IN-CLASS ACCURACY	Pinpoint signals amongst noise through robust AI agents to gain actionable insights.
EXPEDITED TURNAROUND	Comprehensive and universal platform to quickly gather and analyze multiple data types.
ACCELERATED ADOPTION	Leverage our expertise to easily integrate and scale up the right application for your institution.
OPTIMIZED RESOURCES	Save time and control costs on data processing and storage with our scalable infrastructure.
FULL DATA CONTROL	Confidently generate data in-house, while securely maintaining full control over your samples and data.

Enhancing Intelligent Decision-making



...and now we are deploying our cutting-edge SOPHiA DDM™ Digital Twins technology, harnessing the collective intelligence of the SOPHiA GENETICS community and a robust, multimodal, longitudinal dataset. This tool creates dynamic, virtual representations of individual patients to simulate potential outcomes and help oncologists make better treatment decisions.

*Technology and concepts in development. May not be available for sale.

Universally compatible, infinitely powerful

There are three ways to leverage the power of SOPHiA DDM™ in your institution, depending on your unique capabilities and requirements.

BUNDLE

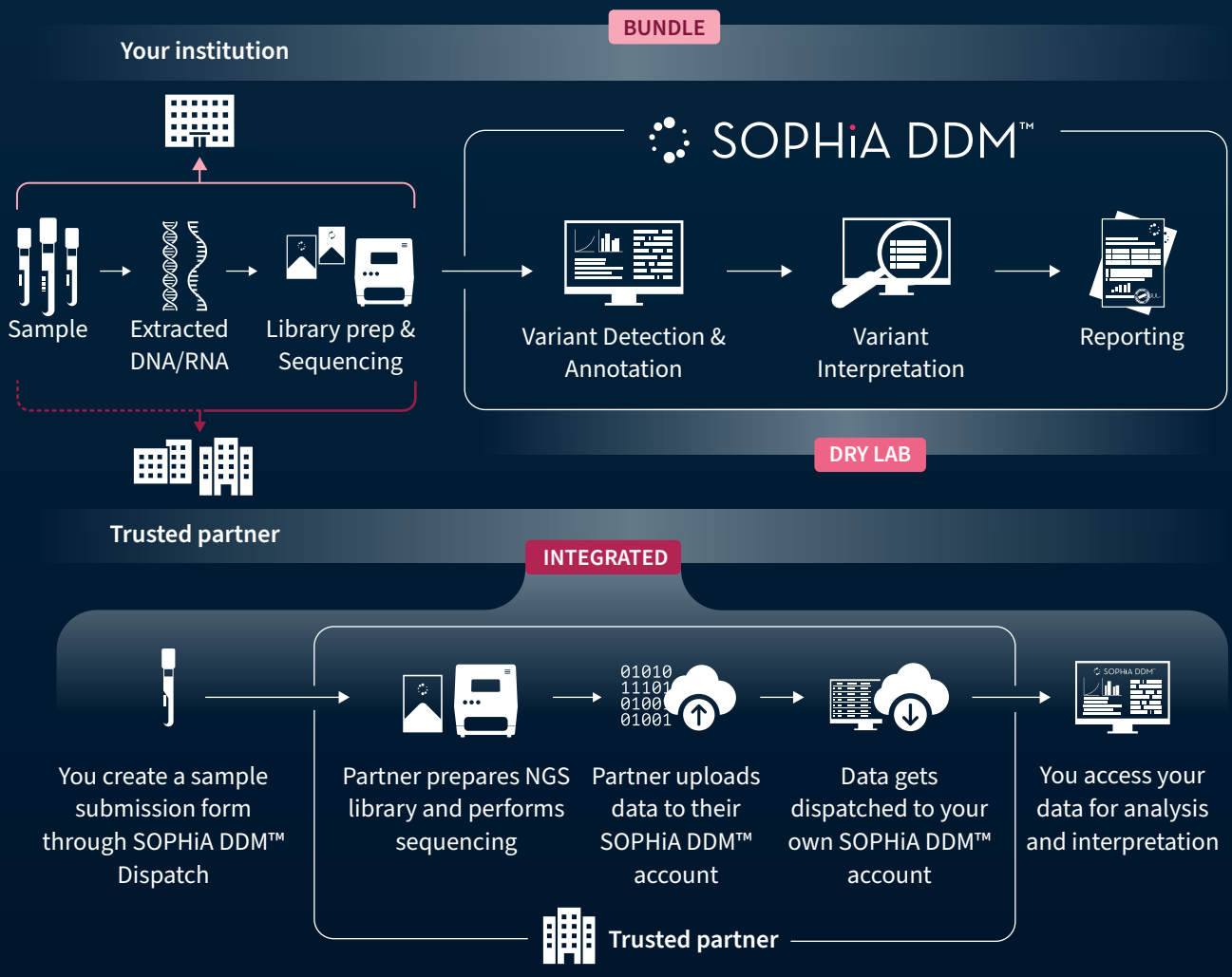
Achieve precise results in your institution with SOPHiA DDM™ sample-to-report applications, including library preparation consumables and tailored analytics for streamlined workflows.

DRY LAB

Process samples with your in-house consumables and instruments, then accurately and securely analyze your data with the SOPHiA DDM™ Platform for rapid, community-powered insights.

INTEGRATED

Connect with certified sequencing partners through SOPHiA DDM™ Integrated Access Mode, while maintaining full control of your data uploaded to SOPHiA DDM™ for analysis.



*This represents a typical workflow performed by trusted partners.
Partners may receive samples, extracted DNA/RNA, or prepared libraries for sequencing. For further details or customization requests, please contact your local Sales Representative.

A comprehensive portfolio of applications, tailored to your needs



ONCOLOGY

>25 Million New Cancer Cases per Year

- Solid Tumors
- Liquid Biopsy
- Blood Cancers
- Hereditary Cancers
- CE-IVD Applications



RARE & INHERITED DISORDERS

~5% of the global population suffers from a RD

- Cardiovascular diseases
- Metabolic disorders
- Carrier screening
- Neurological disorders
- Pediatric diseases
- Pharmacogenetics
- Rare diseases

World-class Professional Services

You won't be left alone!

Enjoy comprehensive support at every step through the SOPHiA DDM™ MaxCare Program, making in-house adoption a breeze.

SOPHiA DDM™



Variant Detection

Variant Annotation and Interpretation

Generating Reporting

OncoPortal™

Contextualize genomic cancer biomarkers and track them over time for confident data-driven decision-making with our dedicated SOPHiA DDM™ add-on modules.

alamut™ VISUAL PLUS

Streamline your workflows with access to curated databases and prediction tools, while gaining enhanced variant visualization to quickly confirm and report causative variants.

Flagship Solutions

SOPHiA DDM™ for

Liquid Biopsy

Enhance tumor gene profiling with MSK-ACCESS® powered with SOPHiA DDM™.

Assess 147 key cancer-associated genes curated by the Memorial Sloan Kettering Cancer Center (MSK) experts, leveraging a matched tumor-normal workflow to distinguish somatic from germline and CHIP variants.

Solid Tumors

Strengthen your solid tumor profiling capabilities with accurate detection of complex variants, advanced biomarkers, and evidence-based interpretation. Enhance your genomic profiling with MSK-IMPACT® Flex powered with SOPHiA DDM™, a decentralized version of the best-in-class, next generation sequencing (NGS) application developed by MSK, including 533 DNA genes and 140 RNA genes. The modular design of the panel allows you analyse DNA/ RNA and/or HRD at a sample level, empowering more agile and cost-efficient research.

Blood Cancers

Explore a comprehensive portfolio of NGS-based applications to better assess key biomarkers involved in myeloid and lymphoid malignancies, and essential for the detection and quantification of measurable residual disease (MRD). The SOPHiA DDM™ Community Myeloid Solution v2 provides a streamlined workflow to analyze 94 genes and interrogate partner-agnostic fusions in 28 genes associated with myelodysplastic syndromes, myeloproliferative neoplasms, leukemia, and related myeloid malignancies.

Hereditary Cancers

Simplify complex germline gene mutation analysis for hereditary cancers with guideline-driven, automated applications that meet your specific needs. The SOPHiA DDM™ Hereditary Cancer Solution v2 is a capture-based NGS application, covering 83 biologically actionable genes and detecting SNVs, Indels and CNVs, and more complex variants such as *Alu* insertions, Boland Inversion and *PMS2/PMS2CL* gene conversion.

Rare Disorders

Turn raw genomic data into life-changing insights. Boost laboratory efficiency with the SOPHiA DDM™ Enhanced Exome Solutions and SOPHiA DDM™ for Whole Genome Sequencing, by combining multiple targeted tests into a single, streamlined workflow.

Inherited Disorders

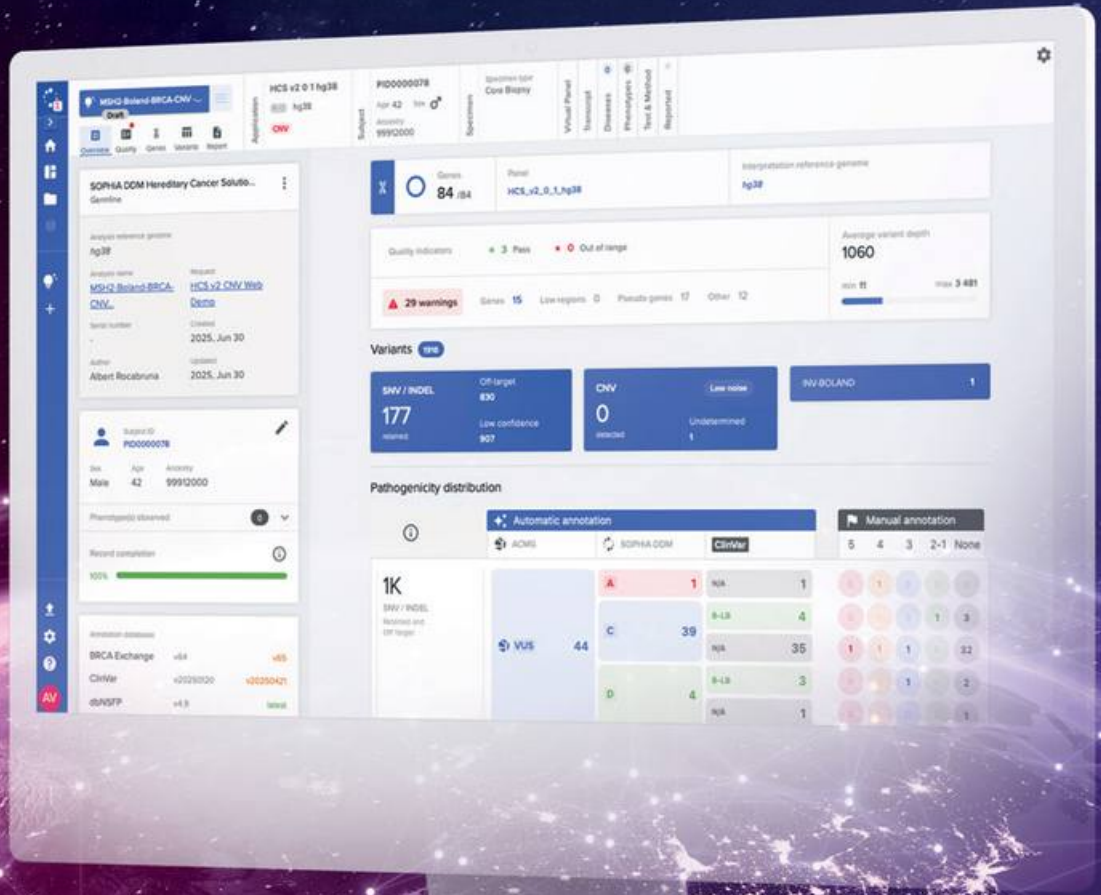
Differentiate signal from noise to rapidly link complex genomic variants with inherited diseases. Enlighten your PGx analysis with advanced features like star allele calling and *CYP2D6* genotyping, all within the SOPHiA DDM™ for Pharmacogenomics applications designed by experts to elevate your precision medicine capabilities.

Scan to experience the New Generation of SOPHiA DDM™

Access the QR code and learn more.

Join the SOPHiA GENETICS community

Access the QR code and learn more.



SOPHiA GENETICS™

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