

DNAnexus on Microsoft Azure

A Comprehensive Genome Informatics and Data Management Platform

Ready to take your data to the cloud?

Leveraging Microsoft® Azure®, DNAnexus provides organizations pursuing genomic-based approaches to health a single, secure, scalable, and collaborative genome informatics platform to accelerate the application of genomics within healthcare and research. With deep expertise in cloud computing and bioinformatics, DNAnexus supports rapid onboarding for customers around the world who are tackling some of the most challenging and exciting opportunities in genomics.

WHAT WE DO

DELIVER a secure and trusted genome informatics and data management platform now available on Microsoft Azure;

POWER organizations to tackle the world's most complex bioinformatics challenges;

ENABLE a global network for sharing genomic information to advance research and medicine.

WHO WE SERVE

We help top biopharmaceutical and bioagricultural companies, medical centers, leading genome centers, pioneering diagnostic test providers, sequencing service providers, and research consortia accelerate their genomics programs globally.

SUPPORTING YOUR SCIENCE

Our team of genomics and cloud computing experts is ready to seamlessly migrate your local production pipeline to the cloud. From initial assessment to implementation, you have access to experts focused on ensuring your success.

KEEPING YOUR DATA SECURE

DNAnexus complies with ISO 27001 and 27002 international security standards, which ensures the highest levels of compliance with clinical regulations. These include HIPAA, CLIA, GCP, Authority to Operate (ATO) under FedRAMP, and EU-U.S. Privacy Shield. DNAnexus works to ensure mechanisms for data access requests and vending to approved requestors meets security standards for dbGaP and TCGA data in the cloud.

AT A GLANCE

NAME: DNAnexus, Inc.

SUMMARY OVERVIEW:

Global cloud-based platform providing secure, scalable and collaborative solutions for the genomics industry

HEADQUARTERS: Mountain View, CA

FOUNDED: 2009

WEBSITE:

www.dnanexus.com

DNANEXUS ON AZURE BENEFITS

- Out-of-the-box clinical compliance for the healthcare industry
- Streamline communication between healthcare providers and reduce information silos for more efficient collaboration
- Use skills you already have and Microsoft technologies you already know and rely on

DNAnexus

How DNAnexus with Microsoft Azure Helps

Keep your data safe and clinically compliant.

- Independently audited and certified ISO 27001 and 27002 compliant
- Data compliance in accordance with HIPAA, CLIA, GCP, EU-U.S. Privacy Shield & more
- End-to-end encryption and strict production system control

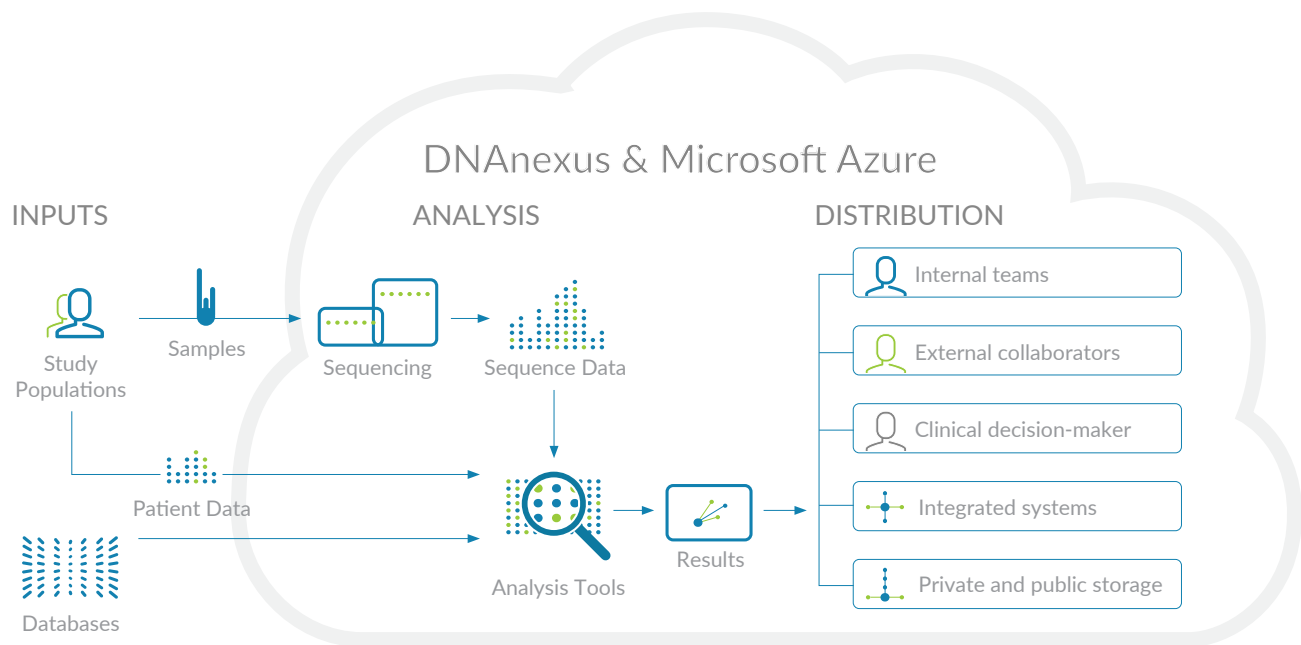
Maintain total control over acquisition, analysis, and distribution of data.

- Centralized environment for data analysis and collaboration that can integrate with upstream and downstream partners and service providers
- Fine-grained admin defined access and permission-based controls
- All data, tools, and workflows are tracked and controlled in order to ensure auditability and reproducibility

Accelerate genomic research and medical discovery.

- Rapid onboarding to migrate your genomic data and pipelines to the cloud
- Leverage a team of scientists with deep bioinformatics and cloud expertise
- Out-of-the-box job and data management to scale up your genomics projects quickly

THE DNANEXUS PLATFORM AVAILABLE ON MICROSOFT AZURE CLOUD



DNAnexus

DNAnexus provides a secure and compliant scientific stack and data management services, enabling collaborative research to rapidly deliver insights from high resolution multi-omics, molecular, imaging, and clinical data. DNAnexus has demonstrated expertise addressing the challenges of population-scale, highly dimensional, phenotype and molecular data, in both research and clinical settings. DNAnexus enables compliance with a wide range of security and data handling requirements.