

Terra Data: Unlocking the Power of Data Across Science and Industry





What is Terra Data? Two Worlds, One Name

Terra Data Repository (TDR)

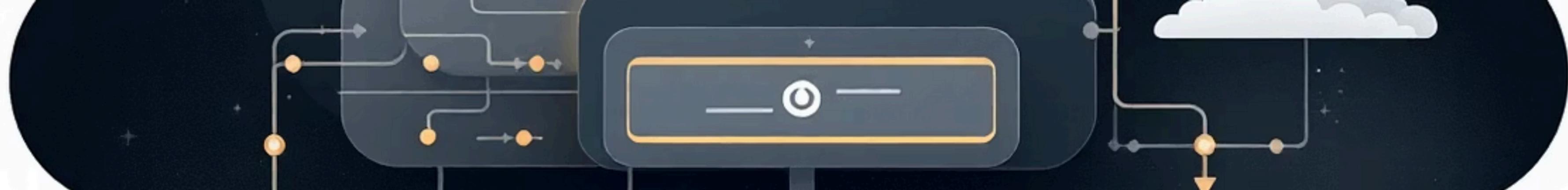
Secure cloud platform for sharing large biomedical datasets. Enables researchers to access and collaborate ethically.

Terra Platform

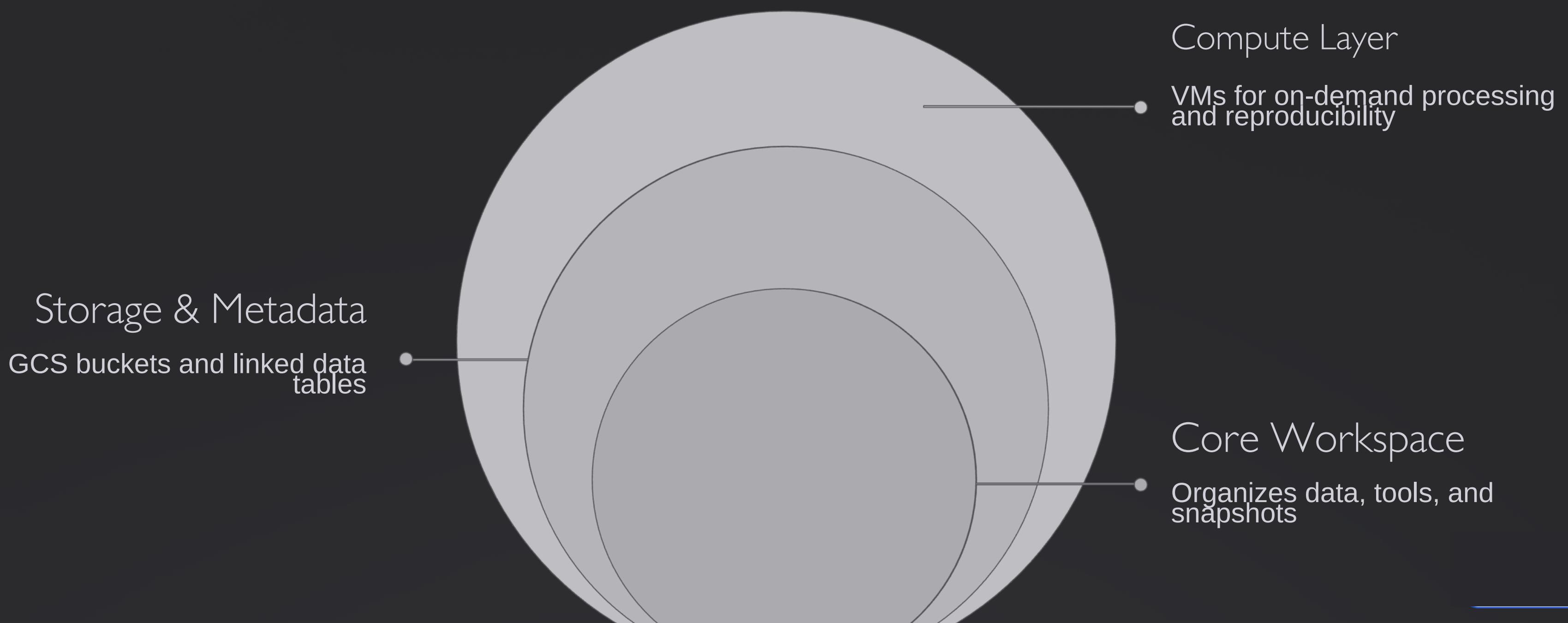
Cloud-native environment for biomedical analysis, workflows, and team collaboration. Powers scalable genomic research.

NASA's Terra Satellite

Earth observation source since 1999. Delivers multispectral data for climate, environment, and global monitoring.



Inside Terra's Architecture: Seamless Cloud Integration



NASA's Terra Satellite: Earth Data from Space Since 1999

MODIS

36 spectral bands monitoring land cover, vegetation, and global changes.

MOPITT

Tracks atmospheric carbon monoxide for pollution analysis.



ASTER

High-resolution imaging for terrain mapping and volcanic activity.

MISR

Multi-angle views tracking aerosols, clouds, and ocean currents.

CERES

Measures Earth's radiation budget for climate modeling.

Five instruments deliver data for climate, pollution, and environmental research. Accessible via global data centers.

Teradata: The Enterprise Cloud Analytics Powerhouse (Not to be Confused!)

Company Overview
Founded 1979 in San Diego, CA. Global leader in data solutions.

Serves finance, healthcare, retail, manufacturing, telecom.

VantageCloud
Hybrid cloud analytics with Trusted AI at enterprise scale.

Advanced data warehousing, real-time insights, and AI-driven decisions.

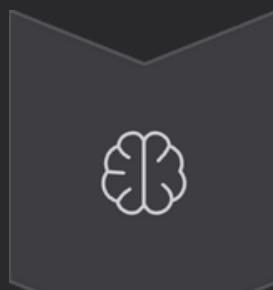


Visualizing Terra Data in Action



These visuals showcase real-world applications—from cloud workflows to satellite insights and AI analytics.

The Future of Terra Data: Expanding Horizons



AI Integration

Smarter discovery, automated analysis, predictive insights.



Growing Ecosystem

More partners, tools for diverse scientific and industry needs.



Enhanced Accessibility

Large-scale data with top-tier security and compliance.



Empowering Impact

Solving climate, health, and economic challenges worldwide.

