Duality

Insights make the world go round

Driving growth in a privacy-centric world

Businesses constantly seek to drive growth by using data, but trust and privacy concerns often act as showstoppers. This is particularly true when it comes to extracting value from sensitive data: time and again, efforts to collaborate on it have fallen flat due to privacy regulations and confidentiality concerns.

This is for good reason: consumers and businesses alike value data privacy and trust. Today, intangibles like brand perception, reputation, and trust make up 80% of companies' balance sheets. This signals a paradigm shift in doing business: Ingraining trust and privacy into your data-driven operations can help you drive growth in today's privacy-centric world.

Bridging the privacy gap

Duality SecurePlus™ Insights enables organizations to securely collaborate on data, using advanced encryption to protect sensitive data and valuable Machine Learning models throughout the entire analytics cycle. This opens a wealth of opportunities for organizations to build new products and businesses, improve operations, and offer more value to customers and partners, while preserving privacy, trust, and compliance.

How Duality SecurePlus™ Insights works

Sensitive Data or model

Encrypted Data or model

SecurePlus™

Encrypted computation

Results

Encrypted results

Partners and Recognition

Scotiabank

CDA CYBER DEFENCE ALLIANCE

DARPA

NIH

Homomorphic Encryption Standartization

aws partner network

Gartner COOL VENDOR 2019

alpha Telefónica

Our Technology

Duality SecurePlus™ Insights leverages homomorphic encryption, an advanced cryptographic technique that protects data and models during computations while still allowing for them to be used. Duality's homomorphic encryption library is standards-compliant, resistant to quantum computing attacks, and is open-sourced, giving organizations the confidence they need that their most sensitive data and models stay protected throughout the entire data science lifecycle.
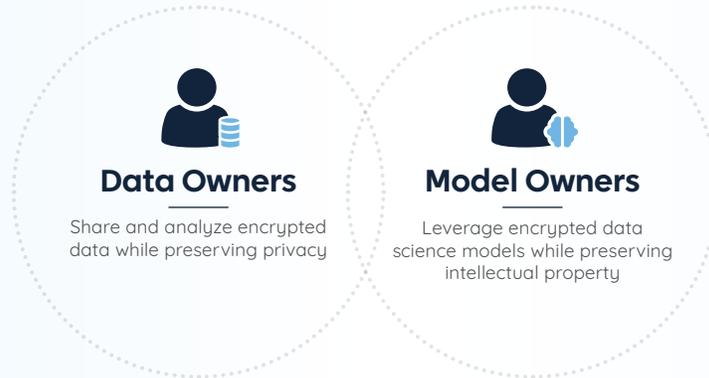
Duality SecurePlus™ Insights for

Leverage third party analytics without revealing sensitive information

Monetize your data to create new revenue sources without exposing sensitive or confidential information

Co-market with partners and personalize your customer experience without exposing your decision-making models

Analyze data across borders while complying with data localization and privacy laws

Data Owners
Share and analyze encrypted data while preserving privacy

Model Owners
Leverage encrypted data science models while preserving intellectual property

Test and validate models on external data sets without exposing your intellectual property or being exposed to sensitive information

Lead multi-center studies while complying with healthcare privacy regulations

Securely transition data and analytics to the cloud without compromising on privacy or security

Improve your models by incorporating sensitive data privately

Privacy Compliance

Duality provides end-to-end protection of Personally Identifiable Information (PII) during computations. As a result, organizations can share and analyze sensitive data with other parties while complying with GDPR, CCPA, HIPAA, and other data privacy regulations.

About us

Duality was founded by world-renowned cryptographers and data science executives, including a Turing award winner, with a mission of delivering practical privacy-protecting technologies to the market. Backed by Intel Capital, Hearst Ventures, and Team8, Duality Technologies addresses the rapidly growing need of enterprises across regulated industries to collaborate on sensitive data, making it possible for them to do so while complying with data privacy regulations, protecting their IP and preserving trust.

Contact us

To learn more, please contact us at info@dualitytech.com

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