



Combined data for combined intelligence

Siloed data, fractured insights

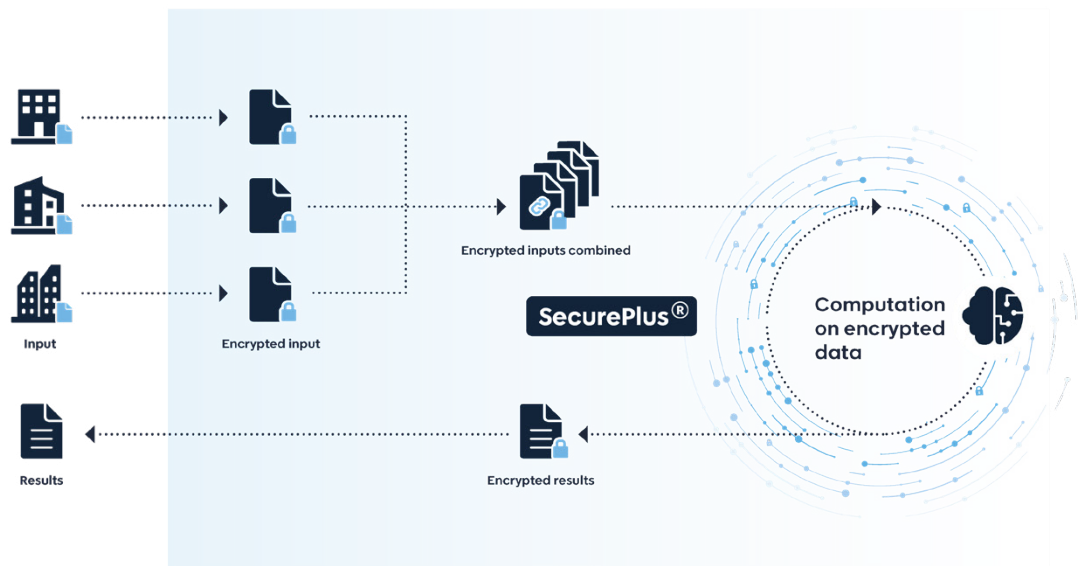
Organizations generate vast amounts of data, yet most of them are unable to fully leverage over 80% of it. Tightening data privacy and protection laws, internal policies, and consumer trust and confidentiality concerns lead to data being siloed and underutilized, particularly when data is sensitive, and regulated. As a result, valuable data sources remain inaccessible, preventing organizations from combining data and comprehensively analyzing it to better understand their customers and patients, bring new research-driven products to market, or evaluate risk.

Intelligence beyond silos and borders

To address these privacy and compliance challenges, organizations need secure computing solutions that allow for collaboration on sensitive data beyond organizational and jurisdictional boundaries.

Duality SecurePlus® Statistics finally opens the door for privacy-preserving analytics by multiple parties. Built on advanced homomorphic encryption, SecurePlus Statistics enables organizations to link different data sets, enrich them, and apply a broad range of statistical analyses - all while ensuring their data is protected from exposure.

How Duality SecurePlus® Statistics Works



Partners and Recognition



Our technology

Duality SecurePlus® Statistics leverages homomorphic encryption, an advanced cryptographic technique that protects data during computations. The product includes a rich computation library, enabling the calculation of statistics on single or combined data sets. Duality's underlying homomorphic encryption library is standards-compliant, resistant to quantum computing attacks, and open-sourced, giving organizations the confidence they need that their most sensitive data will stay protected throughout the entire data science lifecycle.



Duality SecurePlus® Statistics for privacy-preserving statistical calculations in...

Financial Services

Calculation of collateral and margin requirements based on clients' assets and positions, regardless of where they are held

Risk score calculations based on data from multiple sources

Healthcare

Real world evidence (RWE) studies across multiple sites and jurisdictions

Longitudinal record linkage across multiple centers

Genome-wide association studies (GWAS) across multiple centers

All Industries

Data enrichment without exposing PII

Benchmarking against peers while preserving competition

Understand commonly shared customers with partners

Data monetization while retaining privacy and control

Cross-border data transfer for analysis while complying with data localization laws

Co-marketing and personalization by collaborating with partners on data



Privacy Compliance




Duality provides end-to-end encryption 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 Duality

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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