



Driving collaborations in Real World Evidence (RWE) studies while protecting privacy and IP

Roadblocks to Real-World Evidence Studies

The healthcare and pharmaceutical industries are increasingly using Real-World Evidence (RWE) studies to assess the safety, effectiveness, and costs of medical and pharmaceutical interventions. However, concerns around trust, data privacy, security, regulation, and confidentiality make RWE studies costly and cumbersome. Moreover, in order to realize the full value of such studies, disparate data sources must be combined and analyzed, requiring complex and time-consuming legal approvals.

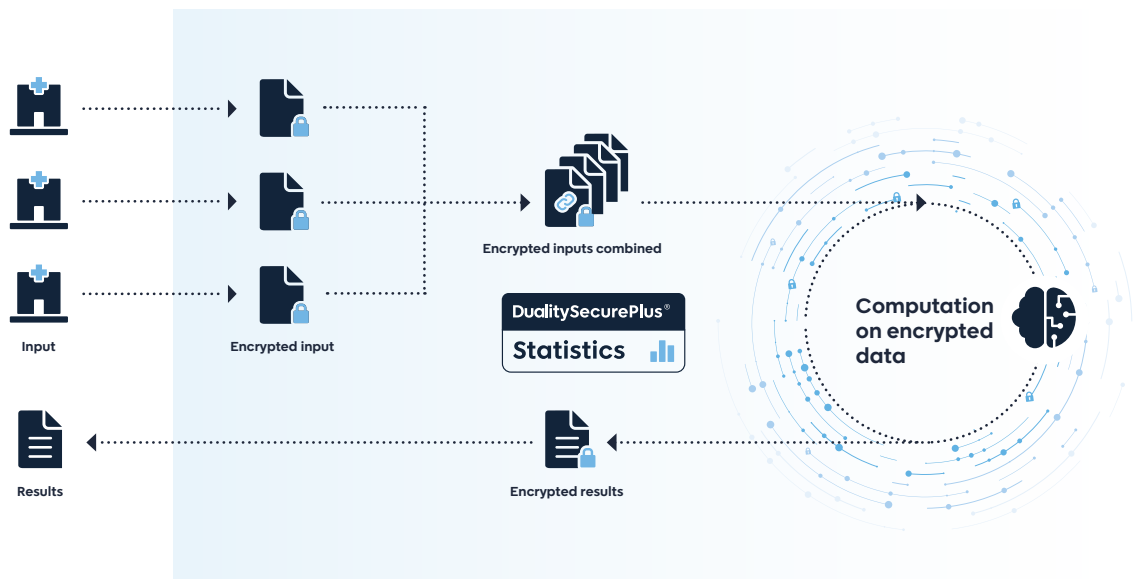
Real-World Evidence in a Privacy-Centric World

Duality SecurePlus® Statistics helps stakeholders accelerate Real-World Evidence studies using data gathered from multiple sources, while addressing privacy, security, regulatory and confidentiality concerns.

By leveraging advanced Homomorphic Encryption, Duality SecurePlus® Statistics offers broad data analysis capabilities on encrypted data, such as linking patient health records, validating data correctness, performing statistical analysis, fitting regression models, applying survival analysis and more – all while the data remains encrypted – guaranteeing privacy and regulatory compliance.

RWE studies involving multiple parties can be carried out faster and more effectively, including cross-border collaborations, while ensuring privacy and confidentiality .

How Duality SecurePlus® Statistics Works



Duality SecurePlus® Statistics for Real-World Evidence



Medical Centers, HMO

(Data Owners / Data Controllers, etc.)

Control your sensitive healthcare data while driving growth and monetization: choose what data you make available for RWE studies, and control which analytics can be performed.

Unlock the full value of your data by allowing linking and integrating to other data sources.



Pharmaceutical Companies, Research Centers

(Analyzing Parties / Data Processors, etc.)

Accelerate RWE study processes by eliminating data privacy and data ownership concerns.

Gain access to linked datasets to drive new insights: Aggregate or link data from multiple data owners without the risk of re-identification.

Obtain accurate RWE results utilizing sensitive data (genomic, rare conditions, etc.) otherwise inaccessible using traditional methods like de-identification or synthetic data.

Partners and Recognition



About Duality

Duality Technologies is at the forefront of Privacy Enhancing Technologies (PETs), setting a new standard for privacy-preserving data collaboration. Duality SecurePlus®, a leading PET platform, combines advanced Homomorphic Encryption and data science, enabling organizations to derive insights without exposing their sensitive data. Duality's products are used by companies across regulated industries including financial services, healthcare, telecommunications and more. Duality was recently listed on Fast Company's 2020 Most Innovative Companies List in the Data Science category. Duality has also been recognized as a Gartner "Cool Vendor" for Privacy Preservation in Analytics. For more information, please visit dualitytech.com.

Contact us

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