

Empowering Investigators to Leverage CAI/PAI/OSINT for Zero Footprint Investigations

Privacy and Security Challenges for Investigators and Analysts

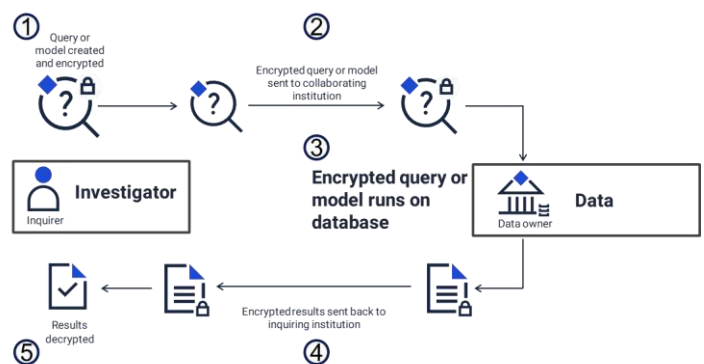
Using PAI, CAI, and OSINT is critical to achieving any analyst or investigator’s mission. Despite this, a team’s ability to make fast, data-driven decisions on up-to-date third-party data is impeded by privacy requirements and OPSEC concerns. For sensitive investigations, this makes accessing and analyzing this data an ongoing – and costly – pain point.

Duality empowers agencies to conduct **zero footprint investigations** through secure and private access to third party data. By operationalizing privacy enhancing technologies, Duality enables secure analysis of third party data without agencies having to move it onto their premises, purchase unnecessary data, or create new environments – all while ensuring the targets of the investigations, and the results of analyses are **never** exposed.

Duality can be deployed in any environment and seamlessly integrates with legacy systems and data sets so you can rapidly access critical data and make mission-critical decisions faster.

How it works

- Queries or models including sensitive information always encrypted
- Encrypted queries or models can run on external CAI, PAI, OSINT data sets
- Encrypted results generated and returned to analyst for further analysis and to generate network maps
- Zero Footprint: targets and model parameters are never revealed, and database logs do not reveal results



Security and Compliance

Duality leverages open-source, standards-compliant post-quantum cryptography which has been verified by public and private sector organizations.

Duality is the only PET provider designated as a 314(b) Association by FinCEN.

How Duality Helps



Reduce costs by keeping data in-place



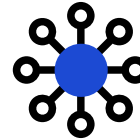
Improve data quality and outcomes by accessing dynamic and refreshed data in seconds



Increase speed to conviction and interdiction



Mitigate data targets for adversaries and enhance OPSEC



Build network maps by accessing and analyzing new data that was previously unobtainable

Differentiators

Widely used technology developed for the US Department of Defense

Tech developed by Duality team for DARPA includes supporters and users across public and private sectors

Unique offering of analytics and encryption

Duality has the largest library of privacy-protected investigation analytics

Industry leading performance and scalability

Duality can be deployed in any environment and offers the highest commercially available performance without sacrificing on security

World Renowned Team

Team includes a Turing Award Winner and the first people to release a practical, commercially available solution based on FHE

Get Started

UEI: CJUCZL1GQGP7
CAGE: 7WWX8
Contact: Gov@dualitytech.com

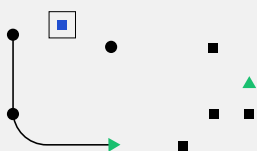
Duality is available on NASA SEWP V, ITES-SW2, and NCPA

Recognized across the Public and Private Sectors



About Duality

Duality is the leader in privacy enhanced data and AI collaboration, empowering organizations worldwide to maximize the value of their data without compromising on privacy, security, or compliance. Founded and led by world-renowned cryptographers and data scientists, Duality operationalizes privacy enhancing technologies (PETs) to accelerate data insights by enabling analysis and AI on encrypted data, while preserving data privacy, compliance and protecting valuable IP.



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