



ENCRYPTED, ON-DEMAND DATA SEARCH AND ANALYSIS

Encrypted query analytics and data retrieval (EQADR) enables next-generation, cryptographic, cross-boundary data search, retrieval and analytics.

Your mission requires security and performance in accelerated, data-driven decision-making. The EQADR cross-domain strategy executes your targeted on-demand queries from higher-side networks to lower-side networks while securing sources, methods and analytical tradecraft. EQADR also facilitates enclave-to-enclave data transfer without revealing sensitive query information (who is asking for what and for what reason).

SAIC has developed a solution powered by a homomorphic encryption search tool to support a variety of users who need to quickly, securely and efficiently sift through open-source data. Modularly designed, the platform leverages an encryption tool, SAIC's Tenjin (a low-code AI/ML orchestration platform) and Koverse. Koverse acts as a Zero Trust multi-level security solution for data handling and management, and Tenjin enables analysts of all skill levels to conduct advanced analytics from data.

Data quality, access and relevancy drives better decisions.

END USER BENEFITS OF EQADR

- **Encryption in all states:** Cryptographically protect the content and results of your searches and analytics at rest, in transport and in use
- **Reduce high-side storage:** Store and access data in lower-classification boundaries, enabling costs savings
- **Simplify data access:** Secure access based on user attributes
- **Accelerate insights:** Enable low-code/no-code AI/ML for secure analytics for end-users of varying technical backgrounds
- **Coalition collaboration:** Facilitate data transfer for mission partner environments



ENABLE THE ANALYST

Every analyst able to act as a data scientist
 Tenjin provides low-code /no-code analytics capabilities to support end users' unique needs



SPAN GLOBAL DATA SILOS

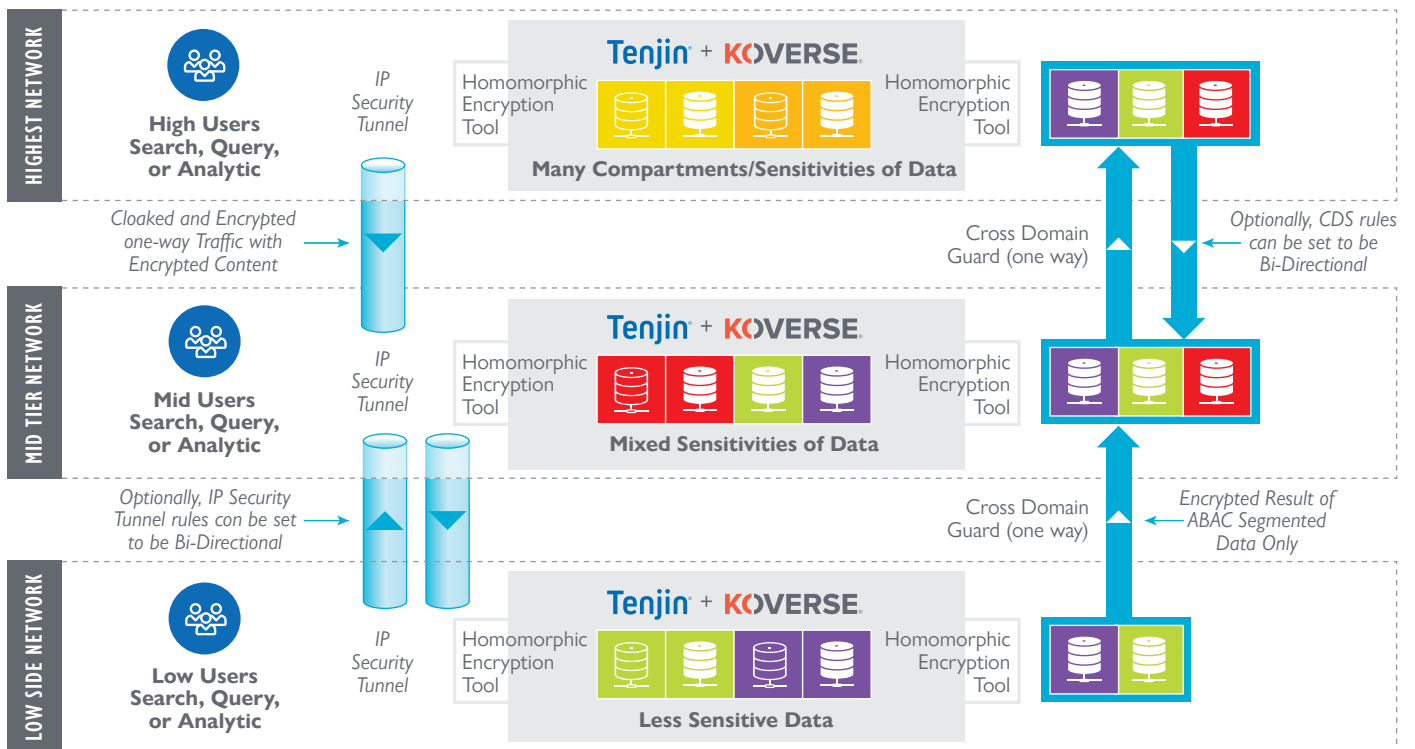
Access data where and how it currently resides
 Encryption ensures your interest and intents with the data remain secure even during processing



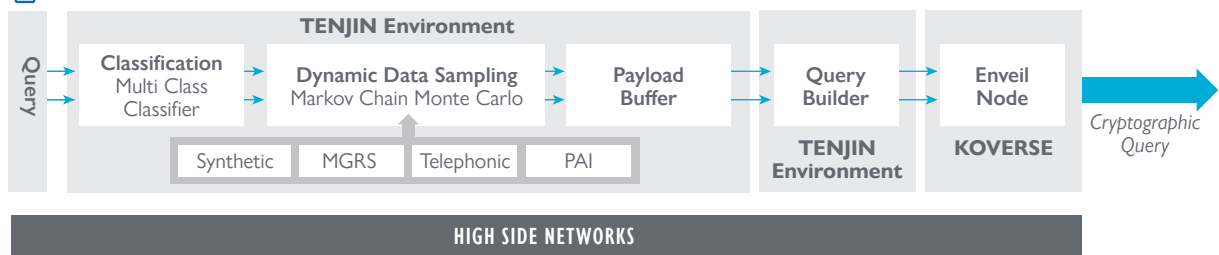
ZERO TRUST SECURITY

Users only have access to explicitly granted data
 Koverse provides data security in line with executive mandates for Zero Trust design

Sample cross-boundary deployment model



Preprocessing Pipeline: Dynamic Probabilistic Noise Injection



- High-to-High
- High-to-Low
- Low-to-Low
- High-to-Lower
- Secret-to-Rel

■ TS/SCI or SAP/SAR ■ SECRET ■ CUI ■ UNCLASSIFIED