

WE WEBTAS ENTERPRISE

CAPABILITIES



Configurable data enrichment pipeline



Multi-source data collection



Seamless data query



Reusable visual components



Accredited security on all major DoD, IC, and NATO networks



Tailorable Information models for operation-specific requirements



Utilizes static and streaming data sources

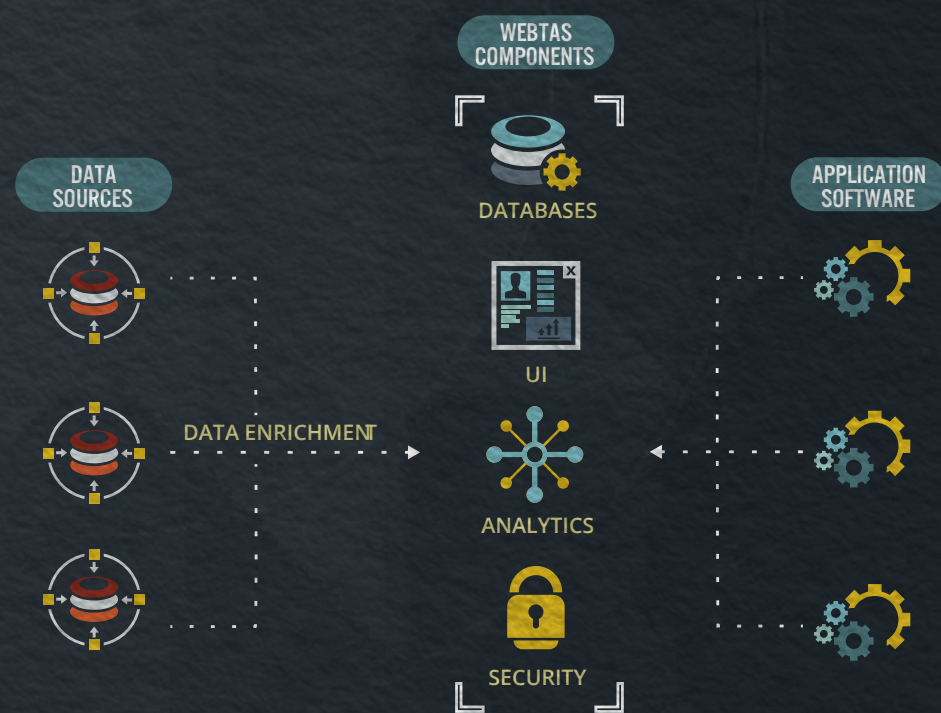


Seamless integration of Tactical information with National sources

MISSION-CRITICAL INSIGHT ACROSS THE DATA ENTERPRISE

The Web-enabled Temporal Analysis System (WebTAS) Enterprise (WE) is an accredited framework that enables quick and cost-effective solutions to organizations' most difficult problems. Combining data visualization tools and analytic capabilities with modern data-storage technologies, WE provides secure integration, visualization, analysis, and production of actionable information across disparate data sources, user communities, and missions.

Built with operational objectives in mind, WE leverages a Service Oriented Architecture (SOA) and containerization technology to provide enterprise scalability and modular deployment strategies for systems of any size. Customized information models tailor the WE Core Data Framework (CDF) to quickly and securely access many data storage types at once for tailorable Big Data analysis. Integrated search, data management services, visualization and analysis tools, and drop-in adapters for existing applications along with a Software Development Kit (SDK) provide an unbeatable, end-to-end, intelligence-building system.



WE WEBTAS ENTERPRISE

RIGOROUS SECURITY STANDARDS

WE is a Risk Management Framework (RMF)-compliant capability employing the latest security standards to support MAC and RBAC models in a site-configurable manner across secure DoD and IC networks. Through use of PKI services and configurable CAPCO rules, data access controls are enforced at Classification, Releasability, and Data Marking levels.

For data creation and management, full CRUD support is enforced via the RBAC security mechanisms. Site-configurable security is built into the architecture at all levels, ensuring that appropriate authorizations are strictly enforced.

FLEXIBLE ARCHITECTURE FOR TIMELY MISSION SUPPORT

Waiting months for the deployment of a tailored application leaves gaps in operational readiness. Mission Applications built upon the flexible nature of WE empower organizations to rapidly and securely address these operational gaps in a matter of days through a combination of standardized secure data access processes and rapid web development. Adopting organizations are now empowered to address evolving requirements quickly by leveraging local resources.

WE deploys multiple footprints from work groups to data centers, supporting up to hundreds of users simultaneously. The data integration framework leverages a standards-compliant information model, supporting the integration of dozens of structured, semi-structured, unstructured, document-based, file-based, and cloud data sources. Deployment footprints and enterprise scalability are configured locally to support specific operational requirements.



DATA ACCESS

- Standards-based information model
- Support of multiple data sources, to include relational, semi-structured, structured, document stores, file-based, and Big Data
- Information models tailorable to operational requirements

CONTENT ACQUISITION

- Aggregation of static and streaming data sources
- Data enrichment pipeline for entity identification and extraction

SECURITY

- LDAP and Active Directory integration
- PKI and Single Sign-On
- Accredited on all major DoD, IC, and NATO networks
- RMF-compliant

RAPID WEB DEVELOPMENT

- Library of reusable visualizations and components
- Robust SDK

SEARCH

- Seamless data query against large and complex data sources
- Full text search of large, unstructured data sets

GEOSPATIAL

- Open Geospatial Consortium (OGC)-compliant services
- Seamless integration of Tactical information with National sources

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