



# archTIS<sup>®</sup>

TRUSTED DATA INTEGRATION

## Executive Summary

Today's sensitive and classified data is voluminous and siloed, spread across multiple systems and formats. To make it usable, data must be consolidated and enriched to support an organisation's operational and analytical workloads.

Most organisations struggle with consolidating data from multiple sources and displaying it in a secure, segmented, compliant and auditable manner.

archTIS Trusted Data Integration provides a lightweight, fast and agile solution to solve the problem at scale. It adds zero trust capabilities to structured data access with centralised security policy orchestration to enforce 'need to know' and 'need to share' principles across the data landscape.

## SOLVING DEFENCE & INDUSTRY DATA CHALLENGES

The rapid increase in data technologies, including API-based development and microservices-based application architectures, has made integrating disparate data sources to consume and visualise data difficult. Automation is crucial to consolidating and securing all data fabric-related processes, whether managing access, protection, data sharing, visualisations, augmentation, etc.

However, many solutions that aim to secure, integrate and augment data management services are cumbersome, resource intensive and require technical expertise and specialised skills to implement and maintain. Importantly, they do not have the security and governance tools to meet this need. Solving these challenges with the agility to meet the needs of the business is the key to unlocking the potential of a competitive data-driven organisation.

archTIS Trusted Data Integration (TDI) is a lightweight, fast and agile solution to solve the problem of how to integrate, secure and govern sensitive and classified data at scale and speed. A policy authoring engine and workflow 'blocks' make it easy to securely display data based on the user and provide reporting for compliance. It provides centralised security policy orchestration and enforcement using attributes-based access control (ABAC) to ensure data is secure and governed.

## DESIGNED FOR DEFENCE & SUPPLY CHAIN DATA INTEGRATION & SECURITY NEEDS

TDI is designed for secure data fabric-enabled defence and supply chain data services. Leveraging archTIS' deep expertise in building policy-enforced attribute-based access control (ABAC) and sensitive data protection products, TDI builds on this foundation to integrate, visualise and secure data at scale to accelerate outcomes.

### Key Capabilities

- Leverage federated identity data for access decisions – same data, different identity, different view.
- Orchestrate data in real time from multiple sources and formats.
- Centrally author and apply access control and data protection policies.
- Enforce security and compliance across data with minimal user impact.
- Enable seamless data collaboration with multiple third parties.
- Manage IP, Export Control, and ITAR data based on 'need to know' and 'need to share' principles.
- Enhance data to support better access decisions.
- Develop and publish self-serviceable data securely.
- Provides comprehensive audit logs with built-in compliance observability and reporting.



# SIMPLIFIES THE COMPLEXITY OF DATA INTEGRATION & SECURITY AT SCALE

## Data Sources

TDI provides real time data integration and orchestration, from multiple sources and formats without complexity or specialised skills needed.

## Access Controls

TDI's ABAC-enabled access and data protection policies ensure seamless and secure collaboration with multiple third parties, only serving data to authorised users. Leverage federated identity data for conditional access decisions – same data, different identity, different views.

## Security & Governance

Apply security and compliance policies centrally across data transactions with consistency and minimal user impact.

Compliance observability and reporting are built into the platform with comprehensive audit logs and self-service interfaces to interrogate audit data.

## Visualisation & Reporting

TDI delivers customisable, detailed and self-serviceable data to your applications securely and efficiently to improve operational outcomes.



## WHY ARCHTIS TRUSTED DATA INTEGRATION?

### Enables Policy-enforced ABAC Security

- Enforces 'need to know' and 'need to share' principles across data.
- Adds Zero Trust Data Centric Security capabilities to data access.
- Add policy-based access control to legacy systems.

### Simplifies Data Integration & Security

- Ingest and control access to data from multiple authoritative data sources.
- No specialised tech or compliance skills necessary.
- No interference with other services; wraps security around them.
- Goes from microscale to hyperscale quickly and cost-effectively providing consistency from edge to core.

### Accelerates Outcomes

- Orchestrates security, governance, compliance administration and control.
- Enables speed of relevance for decision-making on data.
- Augments data to achieve high-quality security and compliance comes.
- Enables the balancing of existing constraints with security and productivity benefits.