

# Overcome data integration challenges

& improve time to market of new applications and services



## Product Statement

Data Transit System helps you easily exploit multiple data sources, translate and aggregate data from different formats efficiently and securely, regardless of location or number of users accessing the data.

## Why Data Transit System

### Usability & Interoperability

#### Single Point of Contact

Quick access to data from internal or external sources

Simplified source viewing, connector management and middleware use

Dedicated intuitive graphical interface

### High Performance

Optimized distribution of resources

Easy integration of data into your own workflows and applications

Containerized architecture of the platform

Load balancing and maximized use of resources

### High-end Security

Centralized management of access to sources

Encryption of communications

Data is not copied or stored

Data anonymization & GDPR compliance

### Cost efficiency

No dedicated development for accessing hard-to-access databases

No repetitive tasks specific to testing processes and data in use

Reusing integrations from one project to the next

Streamlined management of data sources and connectors

65%

OF DATA INTEGRATION  
OR MIGRATION  
EFFORTS FAIL DUE TO  
TECHNICAL ISSUES

*With DTS, enterprise data can now be consumed in new, innovative ways, helping companies meet their informational needs and increase productivity.*

For instance, applications used by front office departments need data from one or more back office or external sources. Instead of using the traditional web API involving lots of coding, DTS allows companies to develop and use custom applications without having to create custom integration every time they need to connect front office applications to back office data systems.

## DTS Main Features

- Automatic inventory of data sources
- Invocation of functions from data sources
- Automatic identification of changes in source structure
- Custom clients or connectors, with tutorials included
- Aggregation and complex relationship between multiple data sources
- Results of the extraction and the relationing of the records from the component sources are delivered as ordinary data streams
- Encryption and authentication with access certificates

The main **business results** triggered by DTS benefits are: **fast time to market, high productivity and cost efficiency**

## Bridging the Gap

Acting as Single Point of Access, DTS ensures a **centralized management of the data sources**, connectors and web services and helps view and manage connections/integrations.

**DTS enhances developer agility** by invoking specific functions from data sources and thus creating new programming possibilities to aggregate data. DTS eliminates bottlenecks (such as data transmission and conversion), reducing communication delays and increasing accuracy.

By automatically generating custom services to act as clients, **DTS eliminates repetitive programming and integration tasks** and enables developers/sysadmins to focus on delivering and improving their applications.

**Data source access control meets GDPR compliance** requirements based on simple and fast anonymization. It also ensures real time monitoring of data source accesses and simplifies audit processes.

**DTS is easy to use and highly resilient.** The intuitive web UI provides a simple visual representation of data sources and their structure with straightforward connection and managing controls.

**DTS automatically ensures redundancy and scalability.** The Docker and Kubernetes architecture allows all DTS components to be developed, scaled and managed independently. Once a project is created, DTS generates other containers automatically, scales and performs load balancing.

### To wrap things up...

DTS helps your company access data from multiple sources (including legacy and hard to reach databases), integrate it into your applications and workflows, and control access. DTS is also able to customize the data streams provided based on information from a client or front-end application.

## Contact

For more information, don't hesitate to contact us at [info@datatransitsystem.com](mailto:info@datatransitsystem.com)