

Talend Data Fabric

Run your business on trusted data

“For every dollar we spend on a data initiative, we are able to get \$40 in return.”

Andy McPhee,
Science and Enabling Units Data &
Analytics Engineering Lead, AstraZeneca

Data can make or break your business

Today, data-driven decisions cannot be made with confidence and agility. Companies struggle to collect and integrate all of their data from all relevant sources, ensure quality and governance, and provide timely access. In fact, 60% of organizations have an unreliable data health¹, with data workers in some organizations spending two thirds of their time searching for and preparing data rather than using it for insight².

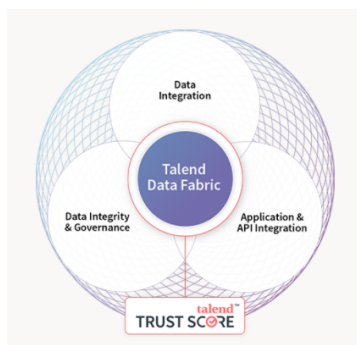
A unified, future-proof data management platform that can take advantage of the latest data analytics and delivery innovations such as cloud, AI, IoT, and containers can help organizations overcome this chaotic data environment. By simplifying the transformation of raw data to impactful, trustworthy data and enabling rapid access along with more collaboration and sharing, they can enable their data users to be more productive, driving greater revenues and efficiencies.

Talend Data Fabric – A unified platform for reliable, accessible data

Talend Data Fabric helps organizations find trust amidst this data chaos by delivering enterprise data that's complete, clean, uncompromised, and readily available across the organization. It accomplishes this by combining data, application, and API integration, along with data integrity and data governance in a single, unified platform to simplify all aspects of working with data.

From a single platform, users can collect and integrate data across all systems from any source – on premises or in the cloud – to any data environment, govern it to ensure proper use, transform it to new formats, and share it with internal and external stakeholders and systems. They can assess the reliability and relevance of any dataset at a glance with the Talend Trust Score™, an industry-first innovation. And they can easily improve its quality with self-service applications and machine learning-aided automation.

As a result, everyone has timely access to the data they need, can trust the data they work with, and can make better decisions with confidence to drive critical business outcomes.



Talend Data Fabric helps you do more with your data

Track and integrate your data — ALL your data

Discover, capture, and integrate data easily from any source to any location – whether on premises or a cloud service such as AWS, Microsoft Azure, or Snowflake– with over 1,000 built-in components and connectors. Ensure categorization and documentation with profiling, pattern recognition, and quality assessment.

¹ Blog.zoominfo.com/the-effect-of-dirty-data-on-roi

² IDC Data Integration End User Survey 2019

Specifications

Rapid data integration with 1,000+ built in connectors and components to leading SaaS and on-prem applications – Marketo, Workday, Salesforce.com, SAP, ServiceNow, and more

Data quality, preparation, and governance in a unified platform:

- Address validation, enrichment, and standardization
- Supports most leading matching algorithms (+ custom defined)
- Supports most leading metadata standards
- Collaborative data governance and stewardship

Application and API Integration for microservices:

- Easy to use API Designer and Tester and auto-generated API reference documentation
- Integrate IOT devices and streaming/messaging systems
- Run multiple integration styles, including REST APIs, data-as-a service, pub/sub and point-to-point messaging, ESB, event-driven, and more

Supports all leading databases and storage – on premises and cloud – including AWS, Azure, Google Cloud, Snowflake, Microsoft SQL Server, Oracle, Greenplum, SAS, Sybase, Teradata, and more

Supports all leading big data platforms – Cloudera, Databricks, Google Dataproc, AWS EMR, Azure HDInsight, and more

Native Spark streaming to support real-time big data messaging systems

Supports leading transports/ protocols, data formats, bindings, and data binding

Trust your data without reservation and stay in compliance

Data quality and transformation components, many with automated functions and tips, are embedded throughout and make it easy for nontechnical subject matter experts to check and curate data. And the Talend Trust Score shows you what data you can trust, and how to fix the data you can't. Talend also makes it easy to govern your data and stay in compliance with privacy regulations such as GDPR and CCPA, and industry-specific regulations such as HIPAA, Sarbanes-Oxley, and Basel III.

Share your data at scale, internally and with partners

Application and API Integration services streamline and scale real-time sharing of trusted data between systems and with partners. Talend provides a faster and easier way to build APIs with full development lifecycle support from design, test, and documentation to implementation and management. Increase productivity, become more customer responsive, and scale your business faster by packaging data, services, and assets into reusable software modules.



Meet your business goals with Talend Data Fabric

Transform the customer experience

Make customers more enthusiastic and loyal by engaging them in a more personal way, based on real-time data from all of the systems your business depends on.

Increase operational efficiencies

Remove operational challenges and cost barriers that prevent you from embarking on new projects that can meaningfully impact your business. Share information more effectively with your employees, your partners, and your customers for better results.

Reduce risk and ensure compliance

Meet stringent compliance and quality standards and reduce risks by making decisions and protecting your environment based on better data.

Innovate faster

Avoid the bottlenecks and data quality issues that slow down progress and gain higher levels of agility and speed to bring new products and services to market faster.