

## DATA INTEGRATION



Unither Pharmaceuticals relies on Talend Data Fabric to orchestrate and govern data flows



## About Unither Pharmaceuticals

With 30 years' experience and numerous innovations, French business Unither Pharmaceuticals is a world leader in pharmaceutical contract manufacturing. The business acts as a CDMO (Contract Development and Manufacturing Organization) and has eight manufacturing sites worldwide. Every year it manufactures 600 million stick-pack liquid units and five billion Blow-Fill-Seal units, sold in 100 countries. To cope with growth and take advantage of the newest version of Qlik Talend, Unither Pharmaceuticals decided to upscale and switch to Talend Data Fabric.

“Qlik Talend crucially allows us to integrate and exchange data between most of our IT systems and those of our clients on all our international sites, while respecting sector standards and local requirements.”

Antoine Tristani, Middleware Manager & Data Partner, Unither Pharmaceuticals



**Customer Name**  
Unither Pharmaceuticals

**Geography**  
Paris, France

**Industry**  
Healthcare

**Function**  
Operations

**Challenges**

- Remain competitive in a tightly regulated industry
- Comply with GxP guidelines and regulations
- Eliminate the risk of drug counterfeiting

**Solution**

With Talend Data Fabric, Unither Pharmaceuticals has a reliable and scalable architecture to manage the data flows of its most sensitive activities.

**Results**

- 80 dynamic transfers per day for all EDI activities
- >250 million serial numbers exchanged in three years
- 100 daily transfers across 20 different IT systems

## A necessary step up

As a CDMO, Unither Pharmaceuticals covers all services involved in creating healthcare solutions, from preclinical phases to commercial production on behalf of its clients in the pharmaceutical industry, whether they are large businesses or start-ups. For example, the business guarantees drug serialization, which means printing unique bar codes on the packaging of each product to prevent counterfeiting. Therefore, its IT system must transfer millions of lines of data relating to its clients and manufacturing sites.

The business has had to deal with numerous challenges over the years, beginning in 2012 with the introduction of an electronic data interchange (EDI) solution allowing exchanges with clients about orders and stock levels. It also needed to transfer finance, sales and production data internally for statistical purposes. Beyond this, Unither must also ensure product traceability with unique identifiers, which involves numerous data exchanges internally as well as with clients and healthcare authorities. Lastly, the business has gradually become an international leader in the sector, with an increasing number of clients having relatively diverse IT systems.

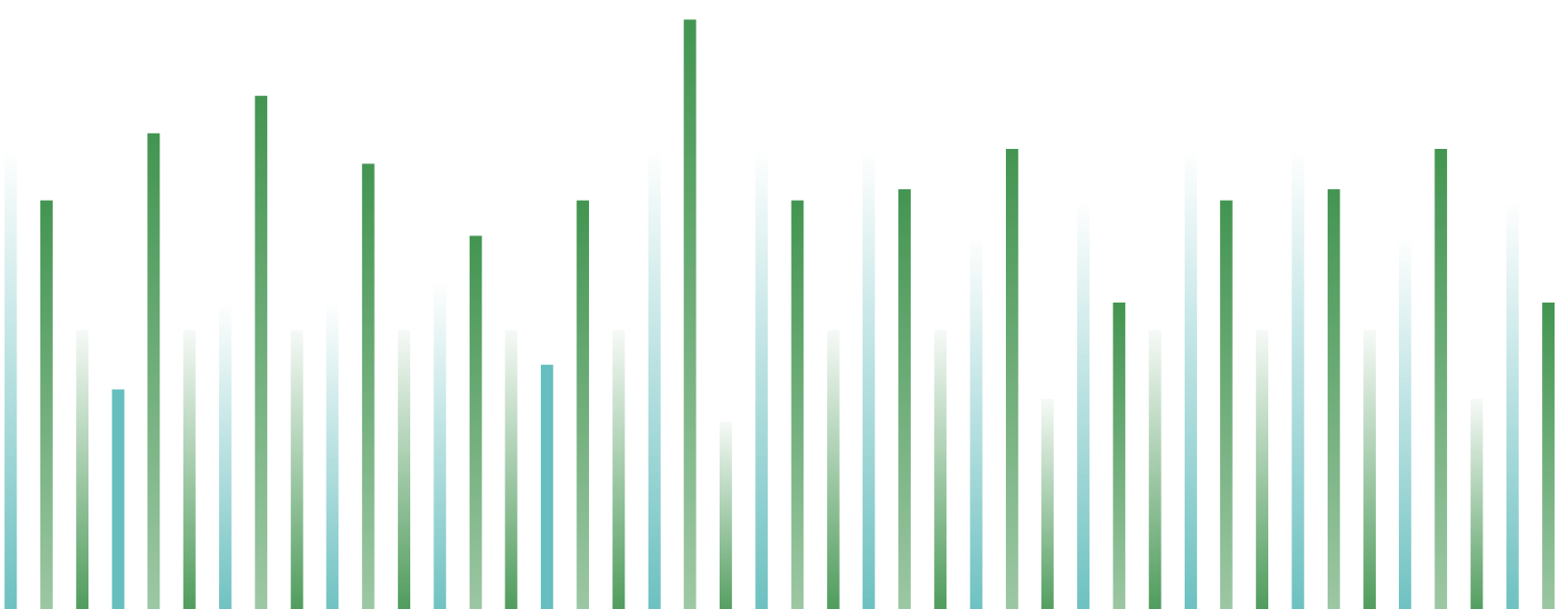
Unither Pharmaceuticals chose Talend Data Fabric to automate these data transfers and implement scalable solutions that can be adapted to any clients' IT system. This solution was developed gradually to make the most of the latest innovations and go a step further in using its data.

## Qlik Talend at the heart of Unither Pharmaceuticals' IT

Unither has more than 70 clients and suppliers and must exchange data with these businesses and healthcare authorities. To prevent any drug counterfeiting issues, in 2019 international regulations required the printing of unique identifiers on all product packaging and seals to protect the contents. Unither connects to client IT systems, retrieves information and sends it to production lines for marking. Once the products have been manufactured, the information is sent back to the clients for verification, as well as to healthcare organizations. So, when the drug is scanned in a pharmacy, the pharmacist can check it's the real thing.

Performing this data exchange process manually was not feasible for a large-scale deployment. A solution had to be found quickly. Thanks to Talend Data Fabric, Unither Pharmaceuticals has created a solution that allows it to connect to various client IT systems and orchestrate data flows with an interface that is easy to configure for each new client.

"Qlik Talend has allowed us to create a flexible and customizable system, with an accessible user interface that does not require technical skills. This ensures better visibility throughout the identification process and enables us to respond quickly to changing client requirements," highlights Nicolas Calvez, Serialization Leader, Unither Pharmaceuticals.





Qlik Talend allows IT systems to be connected and multiple processes to be digitized while improving data quality, making them simpler and easier to use and allowing in-depth analysis for strengthened decision making. Unither Pharmaceuticals has also improved its Qlik Talend architecture with better redundancy and use of the organization's Git repository for more robust code management.

According to Antoine Tristani, Middleware Manager & Data Partner, Unither Pharmaceuticals: "Thanks to Qlik Talend, we can adapt to almost all the technologies available on the market, allowing us to overcome the lack of interoperability between systems, which is our middleware's strength."

### **Facilitate compliance with GxP regulations and guidelines**

For Unither Pharmaceuticals, one of Talend Data Fabric's main advantages is its ability to comply with GxP regulations. Pharmaceutical product production is one of the most highly regulated manufacturing processes. Every aspect of production is carefully controlled and each factor that may affect the quality or efficacy of a product is monitored to ensure full traceability and compliance with sector regulations, including GxP guidelines and organization-specific quality procedures. Multiple procedures and protocols have been implemented and automated, and Unither must prove that each change has not impacted its products, providing all the necessary auditing documentation.

With Talend Data Fabric, Unither Pharmaceuticals also has access to new features and the most advanced components. This allows the organization to achieve an even higher level of interoperability between its internal and external IT systems and digitize even more data flows. Today, Unither manages 80 data transfers with its clients per day for all EDI activities, 500 transfers per week for its Track & Trace system and around 100 exchanges per day between 20 IT systems.

Qlik has also facilitated all development, operations, training and established best practices for architecture implemented during the platform upgrade project. "The next phase includes a proof of concept on data quality. If successful, we plan to install a Talend Data Quality production environment with a robust architecture. Qlik Professional Services is supporting us with the creation of the first data quality processes," adds Antoine Tristani. The end goal is to make users aware of potential data issues.

Get more value from your data  
with Talend Data Fabric

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## About Qlik

Qlik transforms complex data landscapes into actionable insights, driving strategic business outcomes. Serving over 40,000 global customers, our portfolio leverages advanced, enterprise-grade AI/ML and pervasive data quality. We excel in data integration and governance, offering comprehensive solutions that work with diverse data sources. Intuitive and real-time analytics from Qlik uncover hidden patterns, empowering teams to address complex challenges and seize new opportunities. Our AI/ML tools, both practical and scalable, lead to better decisions, faster. As strategic partners, our platform-agnostic technology and expertise make our customers more competitive.

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