

## REAL-TIME PAYMENT TRANSACTIONS WITH TIBCO SPOTFIRE®

Retail Analytics Dashboards with real-time data developed with **TIBCO Spotfire®** and **TIBCO Spotfire Data Streams**.



Business Unit:  
**Enterprise Application Integration  
Data Analytics & AI**

Solution:  
**Analytics Dashboards with Real-time data**



## THE CHALLENGE

Our client is a leading financial organization working for large retail companies.

In times of change, which caused consumption fluctuations, our client sought to deliver a disruptive solution.

Due to the pandemic, large retail stores need to adapt and access real-time information to make faster decisions and strategic changes.

The challenge was integrating historical information with daily bulky real-time data via TIBCO EMS - Enterprise Message Service.

## GOALS

- › Analytics Dashboard with real-time data
- › Monetize reports
- › To provide information to a large number of consumers in high-availability
- › Providing a tool for Consumption Forecasts and analysis

# SOLUTION

Noesis delivered a **dashboard based on historical and real-time data** with over 1 million records per day and a **consolidated volume of more than 30 million records** for the 30-day history.

All information received by **EMS** in real-time is processed by **TIBCO Spotfire Data Streams**, which powers streaming data in **Spotfire®** analytics, so our client can analyze and visualize real-time events.

**TIBCO Spotfire®** software played a critical role in this project through a complete analytics solution that enabled our client to explore and visualize discoveries in data through immersive dashboards and advanced analytics.

**Spotfire®** analytics delivers capabilities at scale, including predictive analytics, geolocation analytics, and streaming analytics.



# THE RESULT

- Visual appealing and user-friendly dashboards that can be shared throughout the organization
- High level of customized dashboards with self-service capabilities
- Responsive dashboards in HTML5
- Our client's end client - large retail chains -, benefit from the information made available through dashboards, identifying problems and consumption forecasts
- Daily insights on trends and the business status.



Noesis is an international tech consulting company offering services and solutions to support clients in their business and digital transformation. Noesis solutions focus on infrastructures, software, quality, and people. The organization is based on highly specialized talents, operating in nine business units and six countries: Portugal, Spain, the Netherlands, Brazil, Ireland, and The USA. Since 2020, Noesis has joined Altia, listed on The Alternative Equity Market, an organization with over 2000 employees, 3 Datacenters, and 20 offices.



TIBCO's Connected Intelligence platform allows the integration, management and analysis of data from different sources. Our partnership with TIBCO forms the basis of our latest delivery area - Enterprise Application Integration.