

# Immediando

*Immediando srl, based in Italy, collects and manages retail POS data for both local and international manufacturers.*

## About Immediando

Immediando operates in the large-scale retail (GDO) sector, providing monitoring and field-data collection services directly at retail stores. The company's mission is to support clients in maximizing the visibility and availability of their products through timely insights, targeted analysis, and corrective in-store actions.

*"Immediando chose ZK for its rich set of ready-to-use UI components, flexibility, and easy integration"*

## Project Overview

Immediando has been using ZK for over 10 years as the primary framework for developing internal and external web portals:

- Internal portals manage sensitive company data such as employee-related information and operational processes.
- External client-facing portals present field data collected from stores through interactive tables and charts.
- The Planogram Portal allows users to visualize store shelf layouts, including product placements with details like height, width, depth, and facing, complemented with product images when available.
- The PhotoGallery Portal enables management and visualization of photos taken during in-store surveys.

All portals are accessible via a central main portal, which serves as a hub managing roles and permissions. ZK has also been integrated into microservices built with Spring Boot to ensure interoperability and scalability.

## Architecture

Most ZK applications follow the MVVM architecture to create

dynamic, interactive user interfaces. In parallel, Spring Boot microservices handle distributed communication and processing.

## The Challenges

The main challenges include:

- Handling and visualizing large volumes of data while maintaining performance.
- Adapting to evolving standards in how information is structured and delivered.
- Keeping the interfaces user-friendly despite the complexity of the datasets.

## Why ZK

Immediando chose ZK for its rich set of ready-to-use UI components, flexibility, and easy integration:

- A wide range of widgets and tools streamlined development time.
- Seamless integration with JavaScript and external libraries enabled feature extensions when needed.
- Responsive support from the ZK team ensured continuity and efficiency across projects.

ZK's balance of flexibility and stability has been key in supporting our growth. We appreciate the ongoing support and continuous improvements that allow us to keep building with confidence.

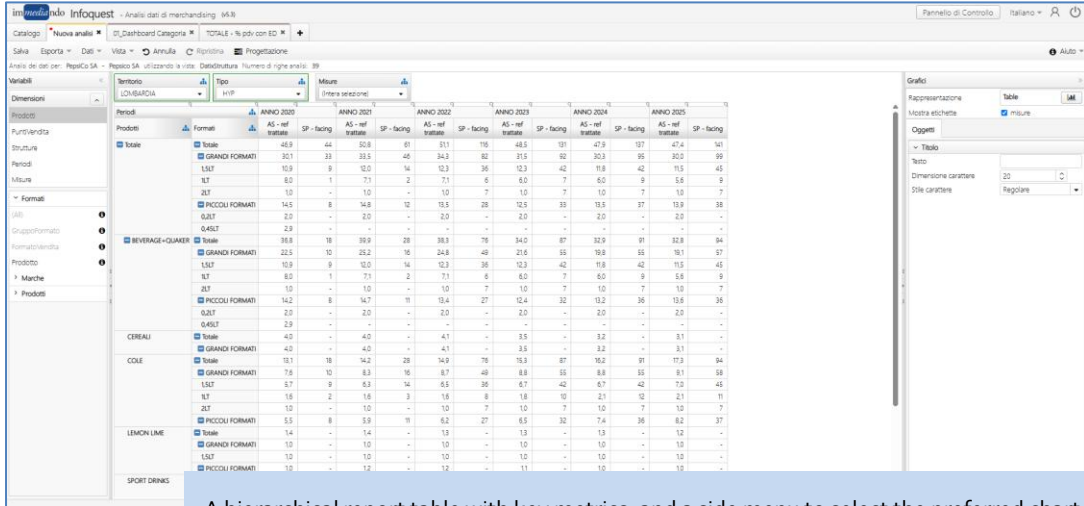
## The Result

With ZK, Immediando has built highly interactive and customizable portals:

- Clients can select how to view and organize data, making analysis intuitive and tailored.
- User experience has improved thanks to dynamic dashboards, drag-and-drop, filtering, and flexible reporting.
- The platform is continuously evolving, with future plans including deeper integration with Hibernate for more efficient data management.



We are glad we chose ZK as the foundation of our platforms. It has proven to be a reliable long-term solution, and we look forward to continuing to build on it as we expand our services.



A hierarchical report table with key metrics, and a side menu to select the preferred chart view.



A customizable dashboard where users can add content, apply filters, and neatly arrange panels with drag & drop and snap-to-grid resizing.

**About ZK**

ZK is the leading enterprise Java Web framework with more than 3,000,000 downloads. ZK is deployed by a large number of Fortune Global 500 companies, including Barclays, Deutsche Bank, Sony, Sun Microsystems, and Toyota, providing them with the ability to rapidly create rich Ajax enterprise level applications.

**Contact us**

**Potix Corporation**

*info@zkoss.org*  
*www.zkoss.org*