



Passion for Excellence. Fashion Tech is our DNA



BeSight YoDa - Platform Overview



**Founded in Nov 2019
by Claudio Marenzi**



**Fashion & Luxury
Manufacturing
Enterprises**



**F&L Industrial Partner
& Team Expertise**



Enabling Solutions Factory



**25
People**



**Solution &
Services HUB**



**R&D
Investment**

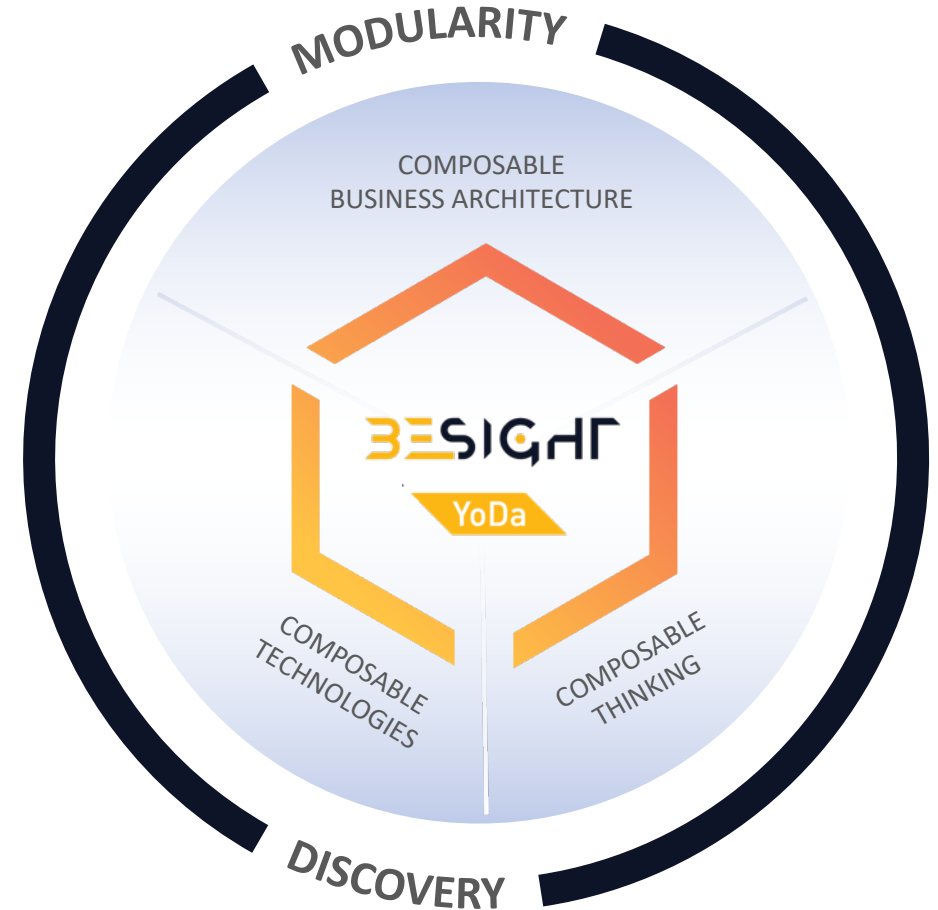
**BeSight
@glance**

BeSight YoDa

The Platform for Composable Enterprise

Composable Enterprise means a technology strategy that signs a mandatory direction into a future where application and platform capabilities provide an enterprise business capabilities focus on end users.

BeSight YoDa is a core part of the composable enterprise journey, where ERP strategies need to evolve and embrace an increasingly complex technology environment, enabling at the same time the power to orchestrate data, applications and business processes.



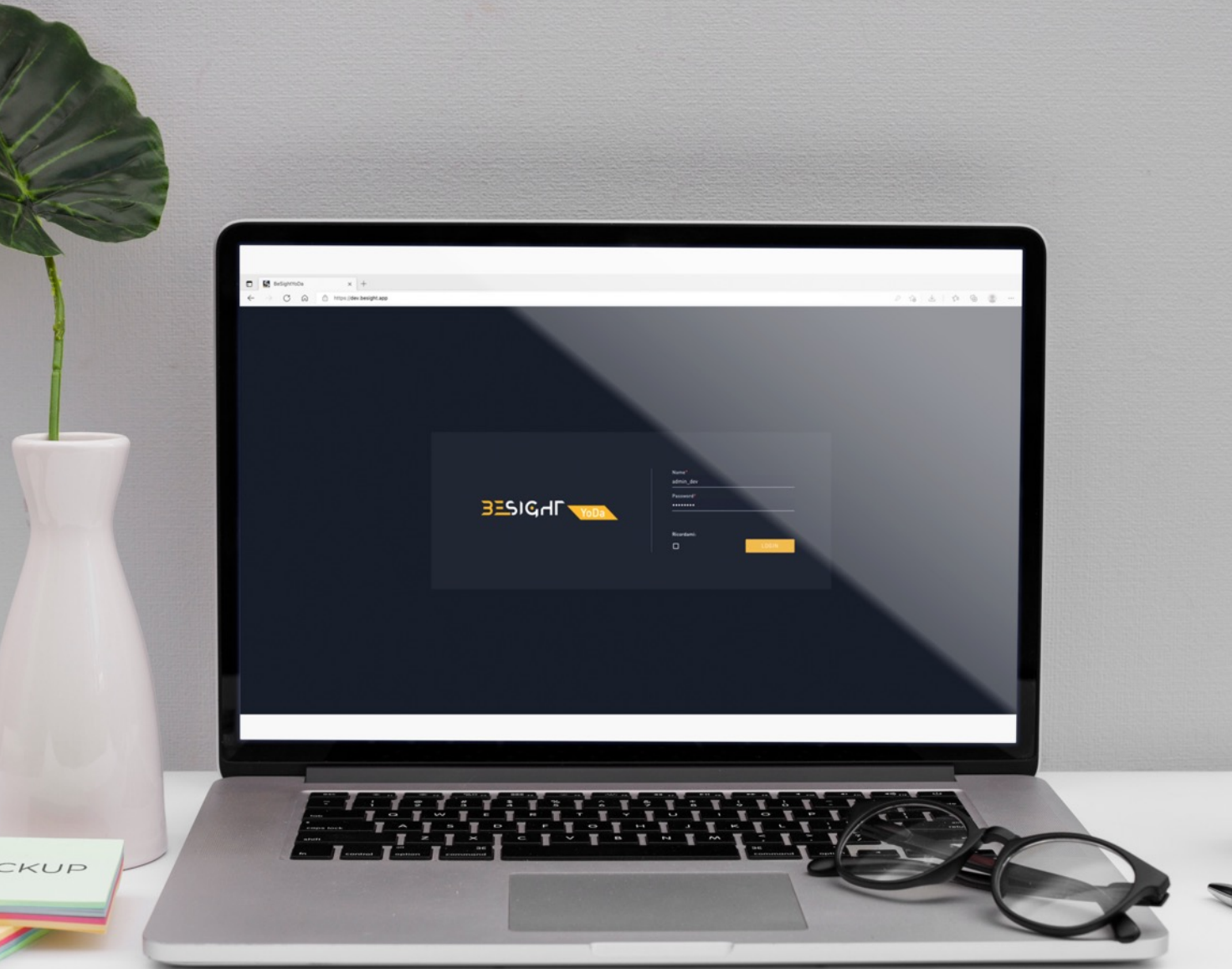




FUNCTIONAL OVERVIEW

In **BeSight YoDa**
you build enterprise
applications **inside**
the application
itself.

The screenshot displays the BeSight YoDa web application interface. The top navigation bar includes a search icon, a 'Dashboard' link, and a user profile icon. The main content area is titled 'Modifica Gestione...' and features a sidebar with navigation options: 'Info Generali' (selected), 'Sotto Gestioni', 'Gestioni Referenziate', and 'Configurazione Campi'. The 'Info Generali' section contains several input fields: 'Codice' (filled with 'Besight_Customer'), 'Descrizione' (filled with 'Gestione Clienti'), 'Label' (filled with 'Clienti' and a small Italian flag icon), 'Container' (checkbox), and 'Widget' (dropdown menu). Below this is a 'Configurazione Back-end' section with fields for 'Tipologia' (dropdown menu, filled with 'Servizio Gestiti'), 'Nome entità', 'Endpoint URL' (filled with 'stakeholder/api/v1/Customer'), and 'Endpoint URL Lista'. The 'Opzioni' section at the bottom includes fields for 'Icona' (dropdown menu), 'Modalità', and 'Parametri' (filled with an empty object '{}').



Platform is **cloud native** and based on **microservices** and **events management**.

To get started, you can use available **YoDa API Templates** and **extend** them in a very simple way.

The screenshot displays the BeSightYoDa web application interface. The browser address bar shows `https://dev.besight.app`. The application has a sidebar with a search bar and a 'Dashboard' link. The main content area is titled 'GESTIONI' and includes a breadcrumb 'Gestioni > Modifica Gestione...'. Below this is a navigation bar with tabs: 'Info Generali' (selected), 'Sotto Gestioni', 'Gestioni Referenziate', and 'Configurazione Campi'. The 'Info Generali' tab contains several form fields: 'Codice' (value: Besight_Customer), 'Descrizione' (value: Gestione Clienti), 'Label' (value: Clienti), and a 'Widget' dropdown menu. A 'Container' checkbox is also present. At the bottom, there is a 'Configurazione Back-end' section with fields for 'Tipologia' (value: Servizio Gestiti), 'Nome entità', and 'Endpoint URL' (value: stakeholder/api/v1/Customer). The interface is clean and modern, with a light blue and white color scheme.

BeSightYoDa

https://dev.besight.app

Cosa stai cercando ? Digita qui...

GESTIONI

Gestioni > Modifica Gestione...

Info Generali Sotto Gestioni Gestioni Referenziate Configurazione Campi

Codice*

Besight_Customer

Descrizione*

Gestione Clienti

Label

Clienti

Container

Widget

Configurazione Back-end

Tipologia*

Servizio Gestiti

Servizio Gestiti

Nome entità

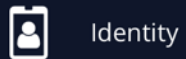
Endpoint URL

stakeholder/api/v1/Customer

YoDa API Templates - page 1/2



Support Services



Identity



Personalization



Reporting



Auditing



Setting



General Services



Geolocation



Calendar



Financial



Classification



Transportation



Stakeholder



Customer



Supplier



Agent



Laboratory



Carriers



Logistics



Product



Product/Material



Technical Sheet



BOM



Pricelist



Dimension



Seasonal Catalog

YoDa API Templates - page 2/2



Order



Customer Orders



Supplier Orders



Intercompany Orders



Customized BOM



Document



Invoices



Credit Notes



Returns



Delivery Documents



Production



Requirements



Feasibility



Order



Production BOM



Scheduling



Warehouse



Warehouses



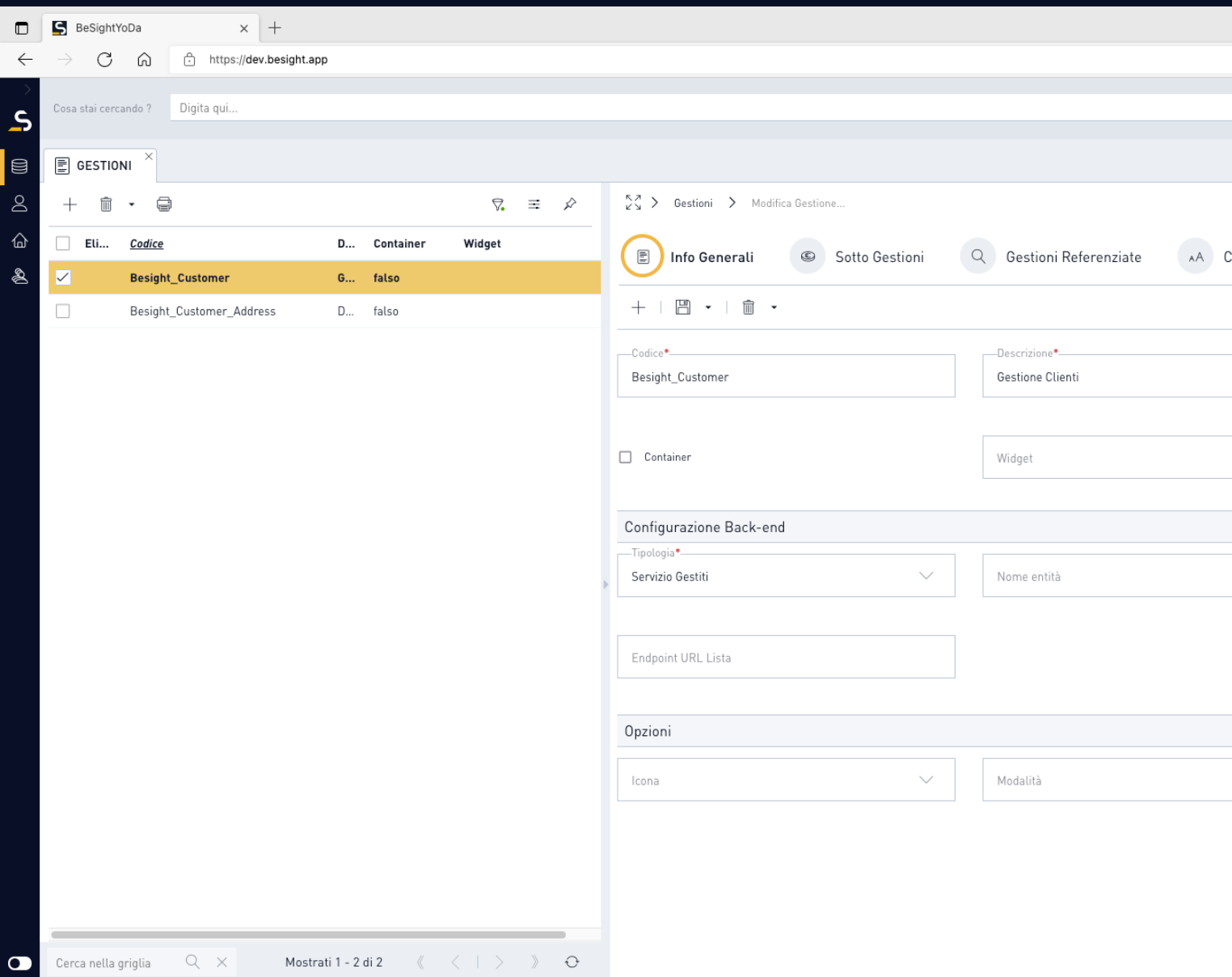
Warehouse Locations



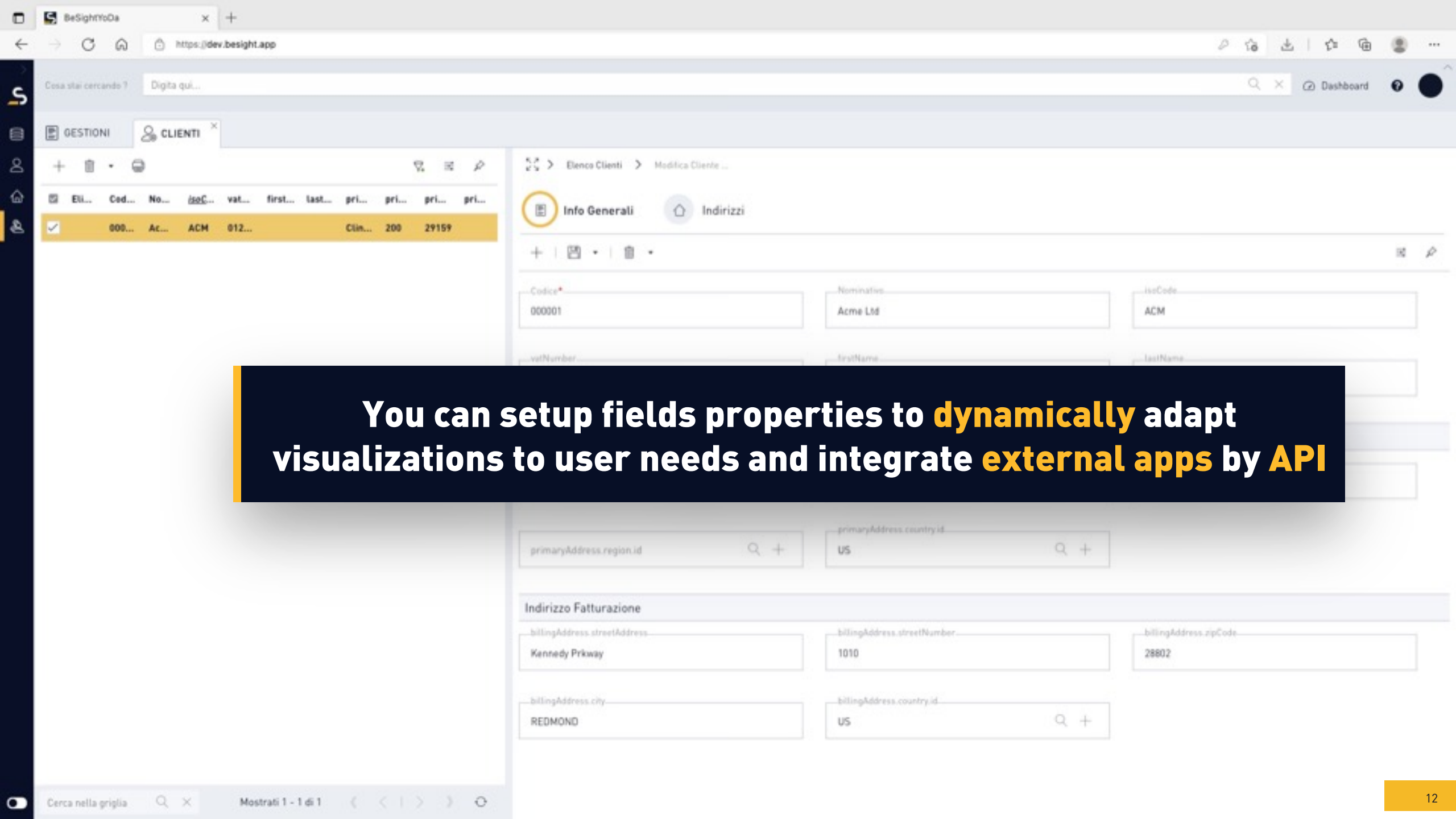
Warehouses Stock



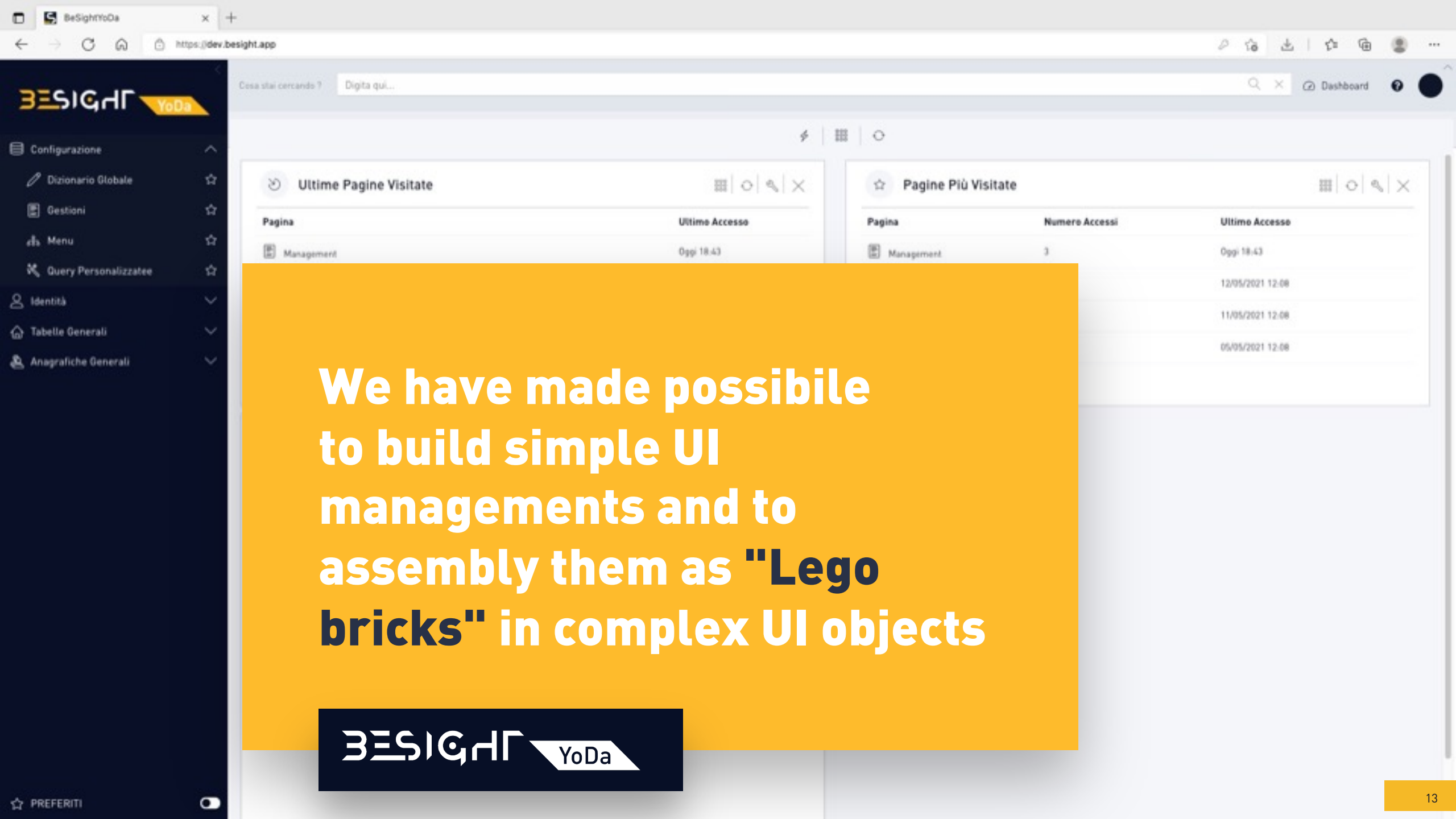
WMS



Integrators or even
power users
can **build their own
services** with just
one command or
even in a "**no code**"
mode



You can setup fields properties to **dynamically** adapt visualizations to user needs and integrate **external apps** by **API**



We have made possibile
to build simple UI
managements and to
assembly them as "**Lego
bricks**" in complex UI objects

BeSIGHT YoDa

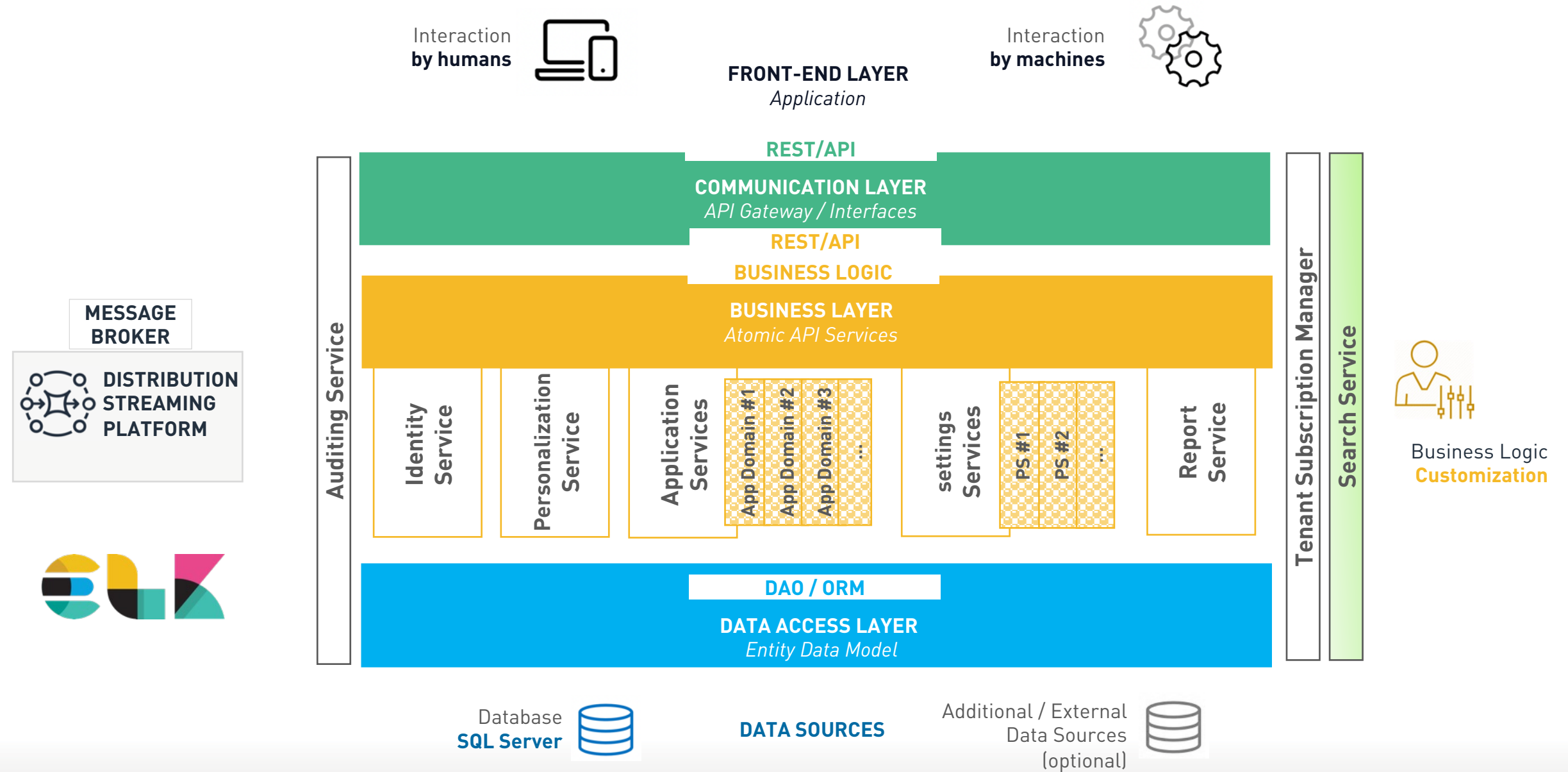
The power of DLR (dynamic runtime language) and **DSL** (dynamic scripting language) combined with dependency injection can intercept **events** and allow real time actions edit as **business process change**





TECH OVERVIEW

YoDa - Architecture



YoDa - Platform

Focus points

- Extensible Data Models
- Dynamic request payload validation rules.
- Call-back persistent subsystem
- Scripting language support
- Dynamic Query builder
- Domain Events



YoDa - Extensible Data Models

A Model represents a persistent database object.

All the exposed Models of the API can be extended through a "CustomData" field.

All the properties inserted in the Custom field will be managed through callback functions called during the CRUD operations :

- BeforeCreateCallBack
- AfterCreateCallBack
- BeforeUpdateCallBack
- AfterUpdateCallBack
- BeforeDeleteCallBack
- AfterDeleteCallBack
- AfterGetCallBack

Callbacks can be developed using a script language.

YoDa - Dynamic Query Builder

- **Dynamic Query Builder**

Queries are generate dynamically by filters received in API payload.

- **Query Data Restriction**

Additional conditions can be added to queries to restrict data access based on user roles.

YoDa - Domain Events

The Domain Events are generated by the crud operations carried out on the Models.

They are summarized in:

- CreateDomainEvent
- UpdateDomainEvent
- HardDeleteDomainEvent
- SoftDeleteDomainEvent

Domain Events are intercepted by specific handlers who publish them through a message broker topic.

YoDa - Personalization Service

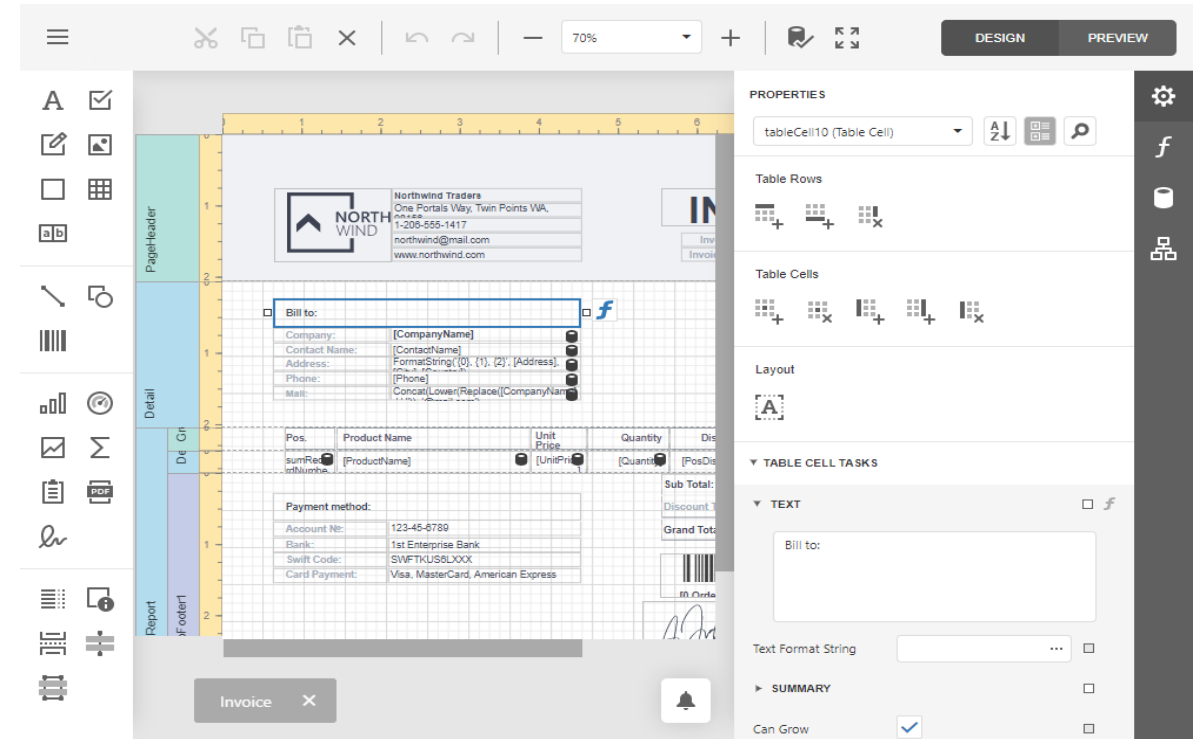
- Configurable managements
 - Fields
 - Actions
 - Permissions
- Translations dictionary
- Dynamic menus
- Custom Queries
- Command Action
- Customizable Hooks
- Generic Model support
- Wizard Builder

The screenshot displays the YoDa configuration interface for a management system. On the left, a sidebar lists various management types, with 'Orders_Passive' selected. The main area is titled 'GESTIONI' and contains a table of management types. The table has columns for 'Eli...', 'Codice', 'D...', and 'Cont'. The 'Orders_Passive' entry is highlighted. Below the table, there are several configuration sections: 'Info Generali' (with fields for 'Codice', 'Descrizione', and 'Label'), 'Sotto Gestioni', 'Gestioni Referenziate', 'Configurazione Campi', and 'Azioni'. The 'Configurazione Back-end' section includes fields for 'Tipologia', 'Nome entità', 'Nome tabella', 'Endpoint URL', 'Endpoint URL Lista', 'Query custom', and 'Campo Identificatore'. The 'Opzioni' section includes fields for 'Icona', 'Modalità', and 'Layout'.

Eli...	Codice	D...	Cont
☒	Orders_Passive	S...	falso
☐	Orders_OrderTypes	Or...	falso
☐	Orders_OrderRowAdjustReason	C...	falso
☐	Orders_Active	C...	falso
☐	Documents_DocumentsPassive	S...	falso
☐	Documents_DocumentsActive	C...	falso

YoDa - Report Service

- Based on the DevExpress reporting engine.
- Web Designer for report customization.
- Integrate with visual studio for enhanced report development.
- Support for SQL and JSON data sources.
- Direct printing.



YoDa – BeSight Admin Console (BAC)

Migration Service: Incremental database maintenance service.

Reads information from an artifact server and changes the database schema and data based on the selected version. Can also be used to load custom database structure and data.

Dataload service: Massive data loading from csv files.

- Lookup resolve configuration in header row.
- Multiple imports into the same file.
- Loading grouping.

Job Scheduling: Schedule background services calls.

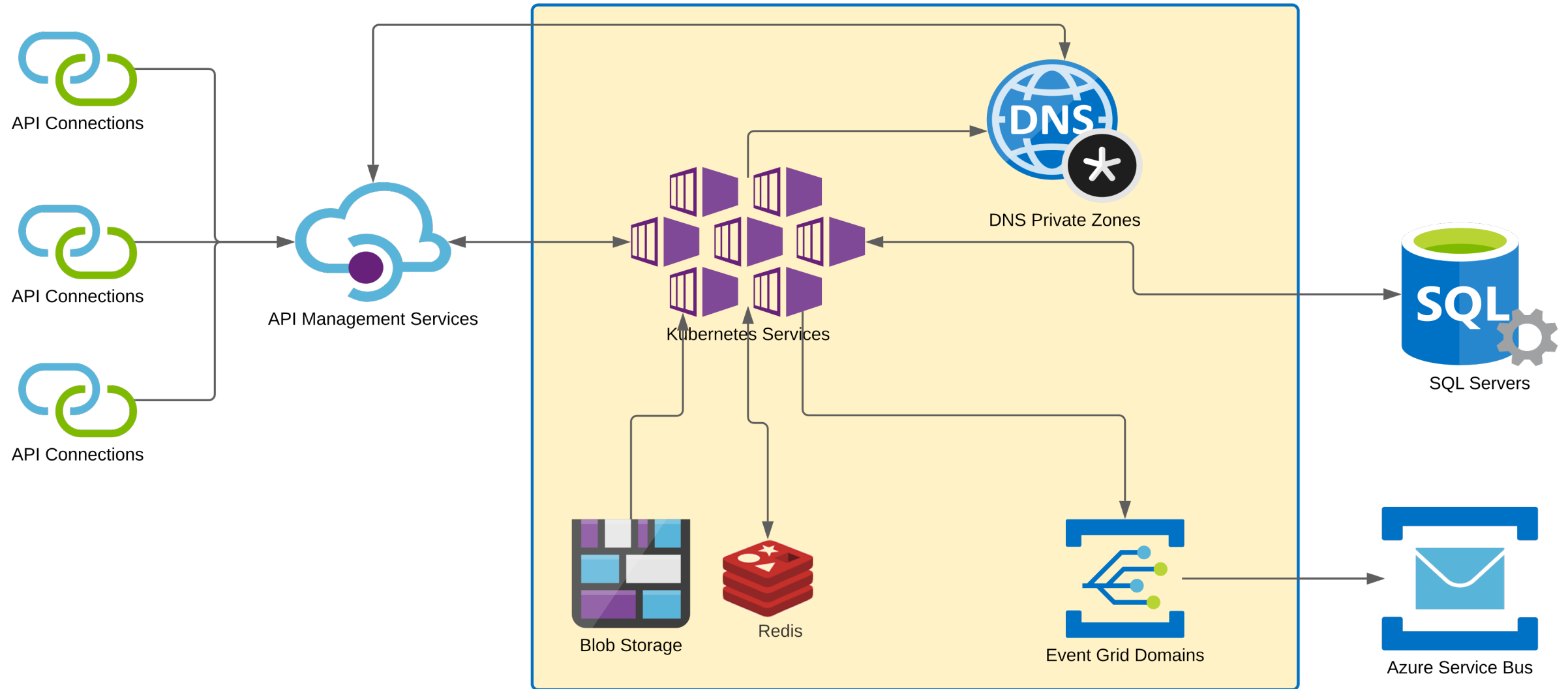
YoDa - Dynamic SPA

- Based on Sencha Library 7.x.
- Dynamic views creation from backend configuration.
- Extendible through component override.
- Support for 3 different data visualization types:
 - GRID
 - FORM
 - WIZARD
- Support for nested managements.
- About 20 different fields types supported.
- Conditional Actions activation.
- Access to views based on user roles.

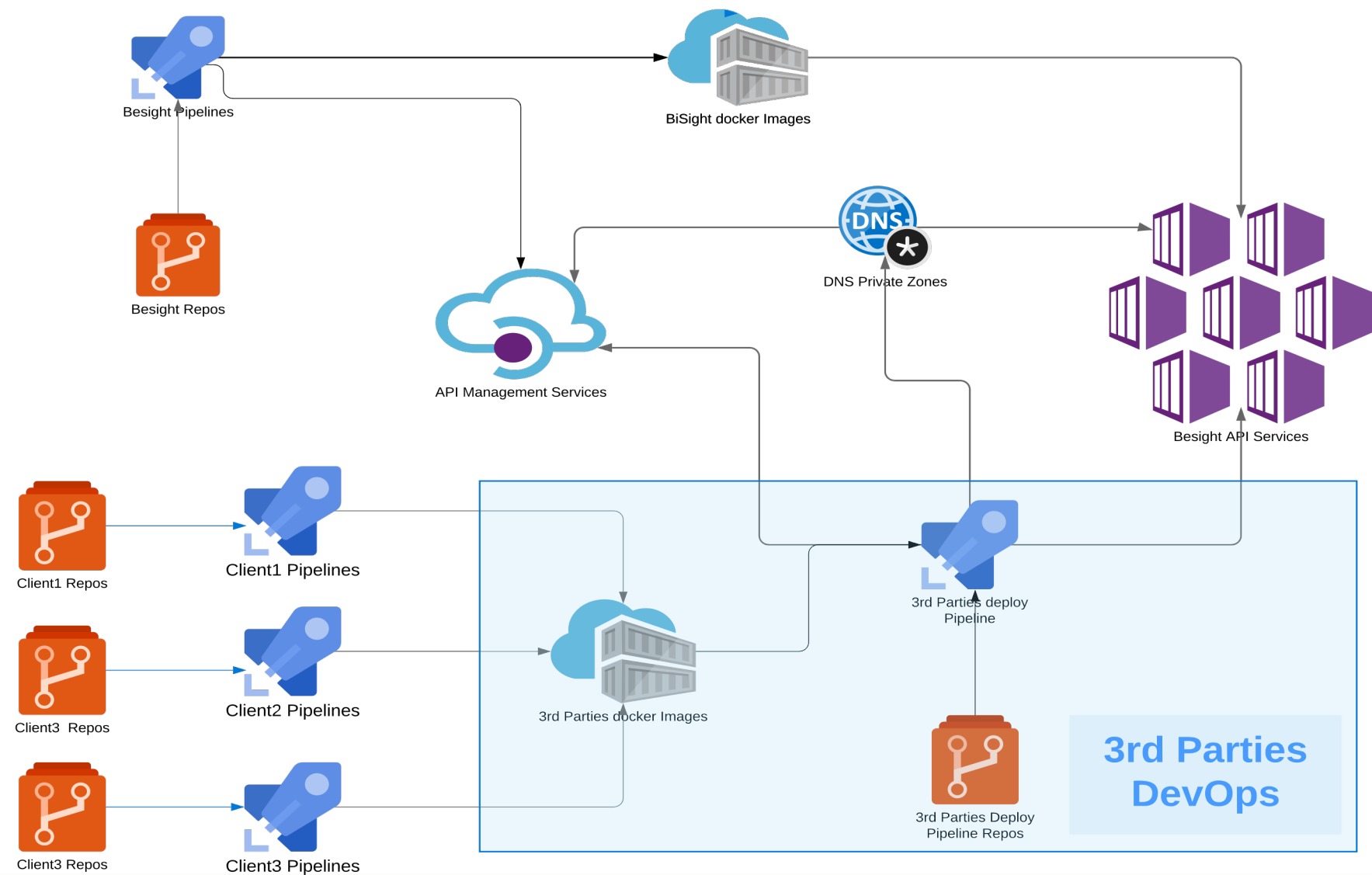


CLOUD SERVICE OVERVIEW

Azure Yoda Architecture



DevOps process





**Ready to boost the impact
to your enterprise?**



Milano



Lesa



Scandicci

BeSIGHT

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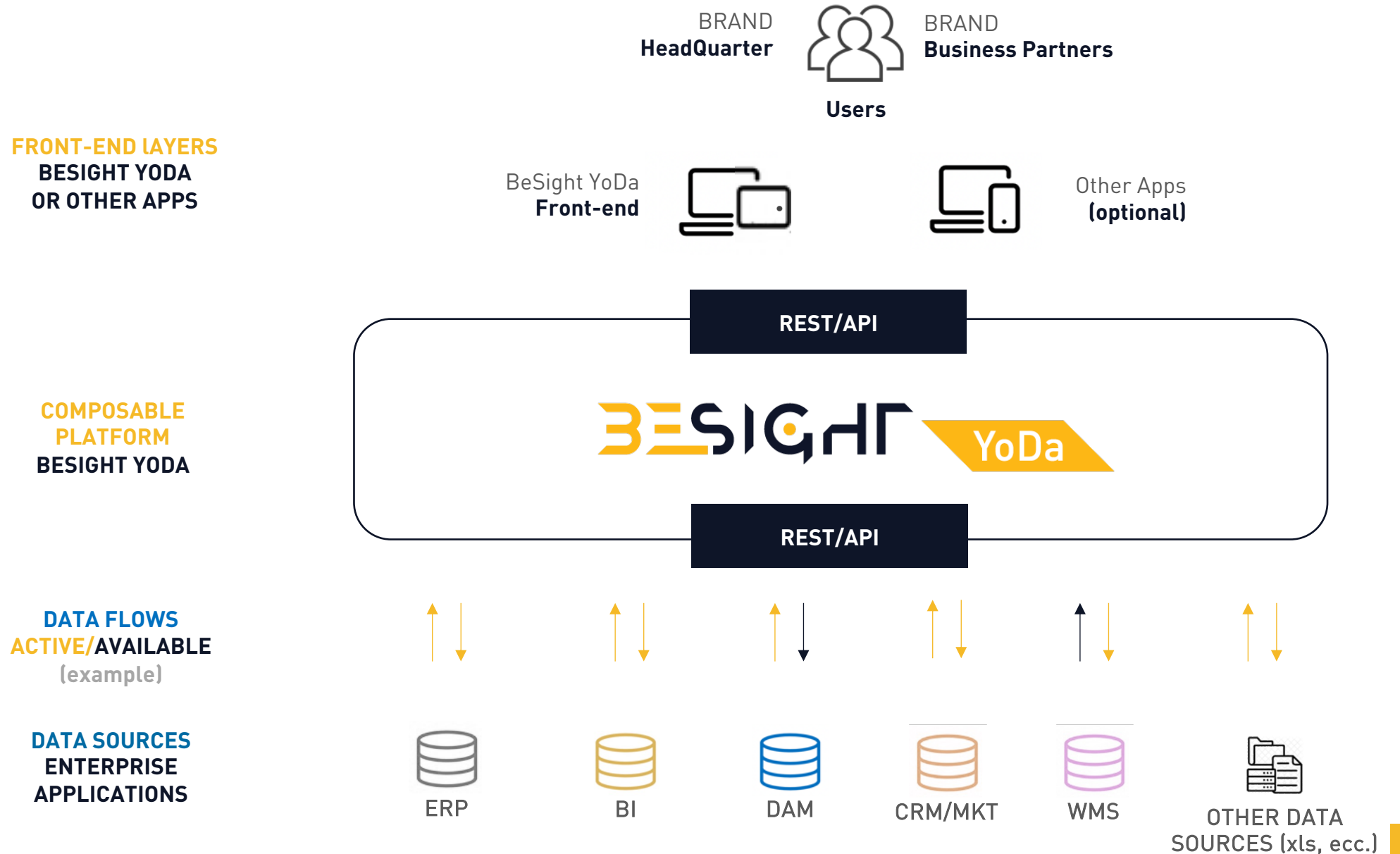
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Use Case – Wholesale Collaboration

BeSight YoDa – Logical Architecture



WHOLESALE COLLABORATION

OBIETTIVO

Rafforzare il legame tra il mondo WHSL, soprattutto per i Franchisee e per i Department Store, con il brand.

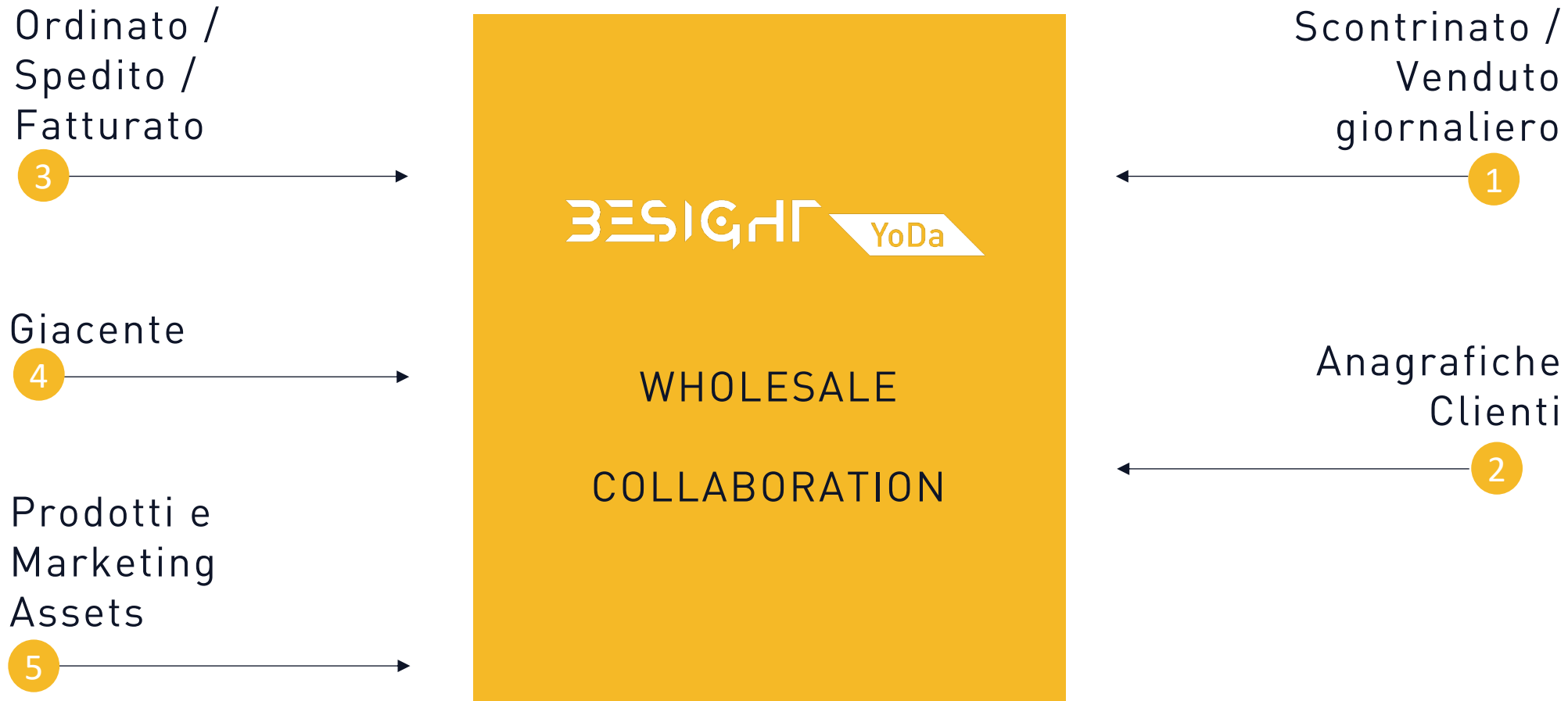
BUSINESS NEED

Il canale wholesale è tipicamente «scoperto» per i brand: la relazione termina con loro alla chiusura della campagna vendita o comunque è attiva solo durante quel periodo. In realtà esistono una serie di dati di interesse sia per il brand che per il wholesaler che non vengono utilizzati al meglio.



BeSight YoDa - Wholesale Collaboration

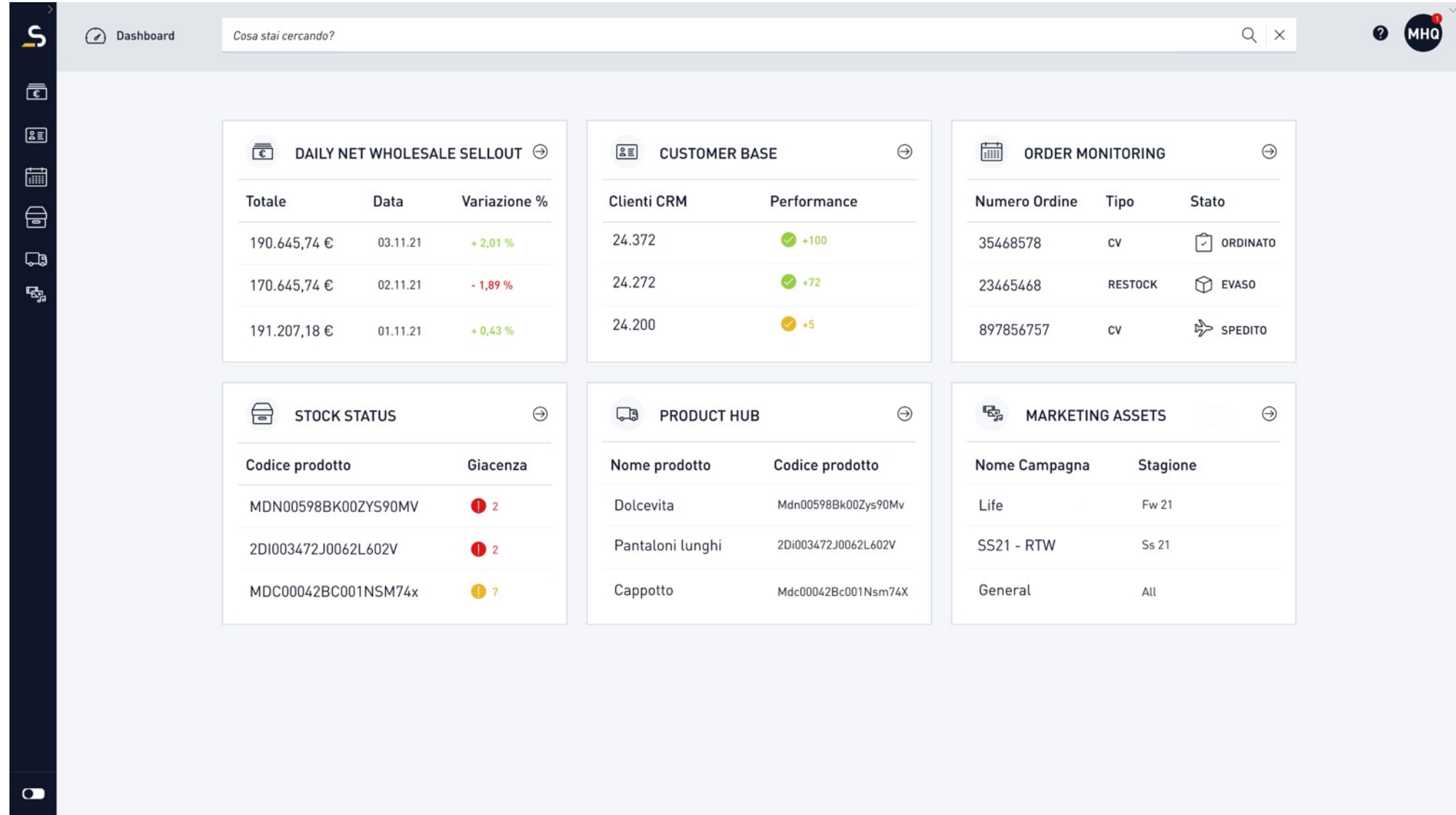
Un portale, dove ogni cliente WHSL possa condividere, ricevere e collaborare con l'HQ del brand scambiando informazioni e dati utili ad entrambi i mondi. Ad esempio:



Dashboard

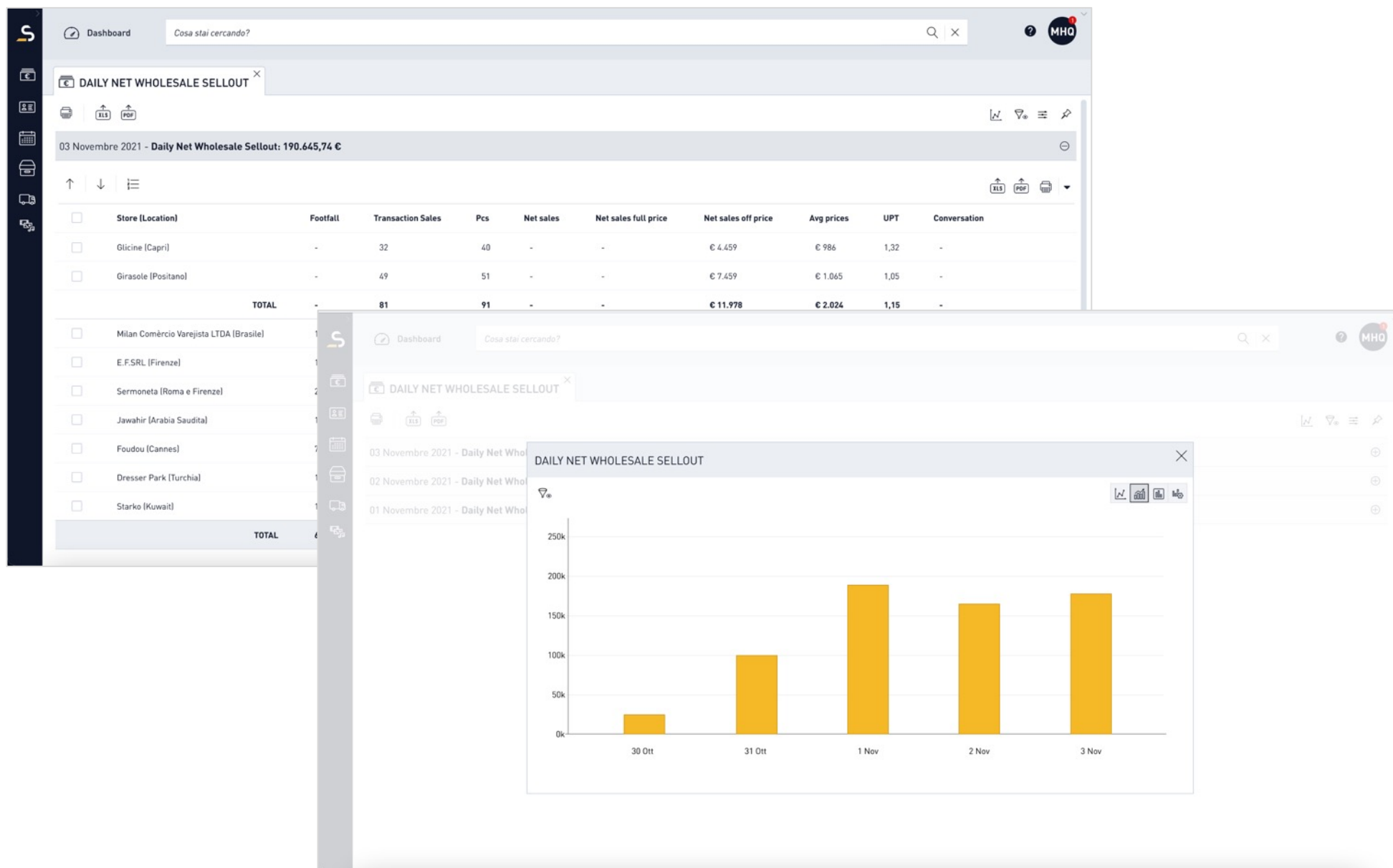
La dashboard di benvenuto fornisce una visione di insieme, con una serie di dati sintetici e di lettura immediata.

Consente poi l'accesso in drill-down alle informazioni suddivise su diverse aree funzionali.



Daily Net Sales

I dati vengono esposti in diverse modalità: in formato tabellare (esportabile in excel, pdf, ecc.) oppure sotto forma di grafici più o meno complessi. Per visualizzazioni dei dati ancora più efficaci viene utilizzato Power BI.



Clienti

Oltre alla consultazione dei dati, gli utenti abilitati possono contribuire all'arricchimento delle informazioni presenti tramite la compilazione di apposite form e/o il caricamento dei dati con upload di file esterni (es. file excel).

03 Novembre 2021 - Totale Clienti CRM 24.372

Negozio wholesales	Clienti giornalieri	Clienti entrati in negozio	Clienti registrati	VIC	Clienti totali
☐ Glicine (Capri)	1765	987	500	54	32.098
☐ Milan Comércio Varejista LTDA (Brasile)	3126	1872	987	453	21564

02 Novembre 2021 - Totale Clienti CRM 24.123

01 Novembre 2021 - Totale Clienti CRM 23.998

03 Novembre 2021 - Totale Clienti CRM 24.372

Negozio wholesales	Clienti giornalieri	Clienti entrati in negozio	Clienti registrati	VIC	Clienti totali
☒ Glicine (Capri)	1765	987	500	54	32.098

Nome	Cognome	Sesso	Indirizzo	Civico	Comune	Provincia	CAP	Stato	Mail	Profilazione	Marketing	
☐	Mario	Rossi	M	Via Garibaldi	8	Milano	Mi	20122	Italia	miamail@gmail.com	Si	No
☐	Laura	Bianchi	F	Via S. Carlo	17	Verona	Mi	43565	Italia	miamail@libero.it	Si	Si
☐	Rita	Verdi	F	Via Savona	4	Milano	Mi	20122	Italia	miamail@iol.com	No	No
☐	Gianni	Brambilla	M	Via al lavatoio	2A	Verbania	Vb	28922	Italia	miamail@facebit.com	No	No
☐	Lillo	Chiari	M	Via Repubblica	56	Origgio	Mi	20987	Italia	miamail@gmail.com	Si	No
☐	Federico	Rota	M	Corso Italia	12	Rho	Mi	20122	Italia	miamail@tedua.com	Si	Si
☐	Filippo	Lavarini	M	Via Fiume	8	Lainate	Mi	20187	Italia	miamail@galexa.com	Si	Si
☐	Gian Mario	Cristiani	M	Via XX settembre	6	Milano	Mi	20122	Italia	miamail@realplay.com	No	No
☐	Riccardo	Gialli	M	Via Rodari	66	Pavia	Pv	35476	Italia	miamail@gmail.it	Si	Si

Prodotti e Marketing Assets

Gli utenti possono inoltre accedere ad una serie di informazioni e di asset presenti in altri sistemi aziendali (es. materiali di marketing oppure schede dei prodotti) e visualizzarli/scaricarli direttamente dall'applicazione di collaboration.

The screenshot displays the SER application interface, which is divided into two main sections: **PRODUCT HUB** and **MARKETING ASSETS**.

PRODUCT HUB displays a table with the following columns: Data creazione, Alias, Codice Prodotto, Taglie, Stagione, Linea, Collezione, Modello, and Descrizione modello. The table lists several products, including Polo manica lunga, Pantaloni lunghi in pelle, Guanti in cashmere multicolore, Piumino con cappuccio, and Cappotto in maglia.

MARKETING ASSETS displays a table with the following columns: Nome Campagna, Stagione, and Validità. The table lists several marketing assets, including Life, Brand SS21 - RTW, General, and Brand FW 20.

The **Life** marketing asset is selected, and its details are shown in the right-hand panel. The details include the following table:

Codice prodotto	Genere	File	Descrizione		
LIC00010BA00G4SA31S	Immagine	JPG	980x1920	👁	⬇
LIC00009BA00G4SA21E	Video	Mp4	Video 360	👁	⬇