



# Composable OMS

Omnichannel  
Flexibility at Scale

**E-BOOK**





As omnichannel commerce continues to evolve, the number of sales channels and customer touchpoints are increasing. Shopping is no longer a linear activity, but a web of interrelated activities that take place both in the virtual and physical world, united by timely and accurate data. These activities are driven by multiple retail systems that must integrate seamlessly and efficiently to provide a **frictionless commerce experience**.



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```

# Composable Order Management System (OMS)

Composable OMS is an evolution of the distributed order management system. Designed for the future of omnichannel, it gives retailers the flexibility to optimize its omnichannel tech stack with a flexible platform for every use case and business model.

Tecsys' composable OrderDynamics® OMS offers multiple options for retailers looking to enhance their omnichannel tech stack:



## Out-of-the-Box OMS

A complete out-of-the-box OMS designed for frictionless commerce where advanced features are included within a highly configurable system.

## Headless OMS

Headless architecture built on a robust application programming interface (API) ecosystem that can integrate into a retailer's existing front-end system and enable new sales channels including traditional and modern marketplaces.

## Omnichannel Front-end

An optimized interface that enables high-touch customer service management and efficient store fulfillment within an intuitive and device-agnostic environment that can be integrated with existing systems.

## Composable OMS Platform

Tecsys' OrderDynamics® can help you effectively advance your omnichannel strategy, no matter what retail systems you have in place or what your current business processes are. The flexible value-driven OMS can adapt to any retail tech stack to provide a frictionless commerce experience to customers that is scalable and extensible.

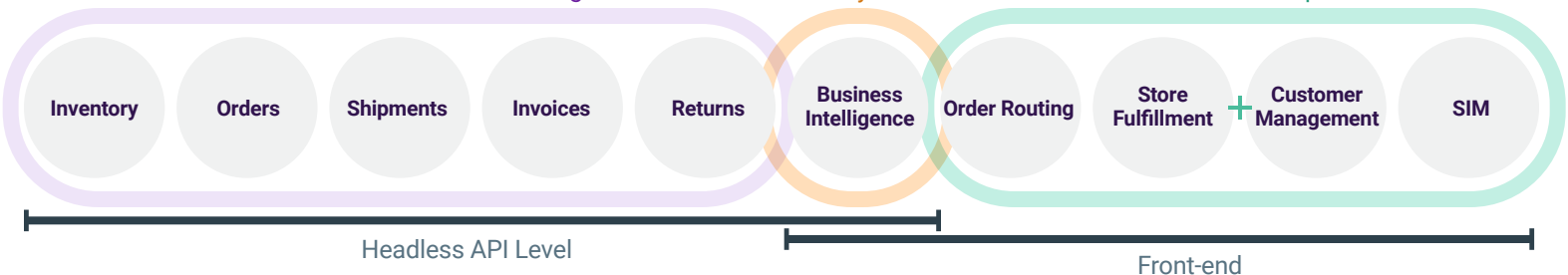
## Key features:

- Multiple install types available and with optional rapid deployment.
- Advanced features included out-of-the-box (no coding).
- Extensible DIY API ecosystem to accommodate future strategies and omnichannel complexity.

### E-commerce and Order Processing

### Analytics

### Fulfillment and Store Operations





## Omnichannel Out-of-the-Box

Advanced features are included in the core OMS platform, making it the ideal system for retailers requiring enterprise-level functionality, without the custom coding and associated development costs and lead times.

With rapid implementation options, ease of integration through APIs and DIY configurability, OrderDynamics® is the IT-friendly OMS that offers a quick ROI and low total cost of ownership (TCO).

## Out-of-the-Box Configurable Functionality (no code)



# REST API Ecosystem

OrderDynamics® offers an industry-leading REST API package that supports a headless commerce architecture.

Thanks to our platform approach, product capabilities are built as APIs to easily extend OMS functionality into the retail tech stack. Our self-serve model provides developers with the tools and support to easily integrate order management into adjacent systems to create a frictionless commerce experience.

### API Developer Toolkit includes:

- Rapid access to a sandbox environment
- Developer portal
- Documentation
- Getting started guide
- Onboarding program
- Postman collections



### Overview

Welcome to the Omni™ OMS API powered by Tecsys. Currently, our REST APIs allows you to manage your Custom Field Metadata, Inventory Locations, Orders, Physical Inventory Visibility, Pre-order Visibility and Virtual Inventory Visibility on the Omni™ OMS Platform. You'll need an HTTP client in order to send requests to our APIs.

#### A quick look at our APIs

##### Custom Field Metadata API

Custom fields are a feature provided for businesses who may require additional information on the standard set of forms that are provided with Commerce Manager. For example, if you are adding a new customer but you want a field that will show them as a "priority customer", you can see the metadata for each custom field that is created.

HTTP Method	Endpoint
GET Custom Field Meta Data for Specific Custom Fields	/v1/customfieldmetadata/?ownerType={OwnerType}&systemNames={SystemNames}
GET List of Custom Fields Meta Data by Owner Type	/v1/customfieldmetadata/{ownerType}

### APIs

Search APIs  Group by tag

Name	Description	Type
<a href="#">Addresses API</a>	Manage addresses	REST
<a href="#">Custom Field Metadata API</a>	Get List of Custom Fields Meta Data	REST
<a href="#">Customers API</a>	Manage customers	REST
<a href="#">Emails API</a>	Manage emails	REST
<a href="#">Images API</a>	Create, view and update images	REST
<a href="#">Inventory Locations API</a>	Create, view and update inventory locations using internal names	REST
<a href="#">Items API</a>	Create, view and update items	REST
<a href="#">Notes API</a>	Manage Notes	REST

### Physical Inventory Visibility API

Search operations  Group by tag  API definition  [Change log](#)

Get inventory by SKU for Inventory Locations and Stores

#### Bulk Update On-hand Inventory

Bulk Update On-hand Inventory

#### Request

PUT <https://api.sas.orderdynamics.net/v1/inventory/bulkonhand>

#### Request body

```
application/json
```

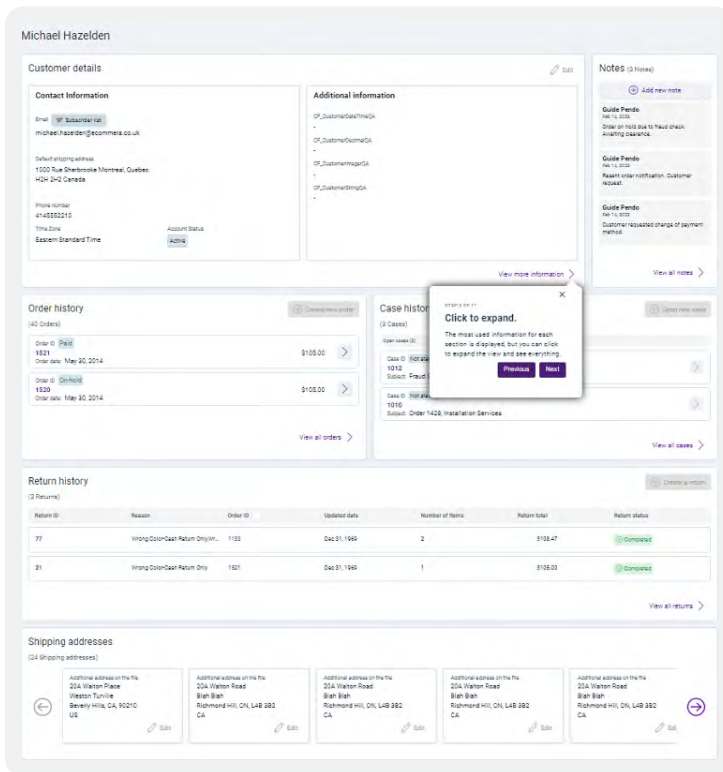
```
{
  "BulkOnhandPutRequest": {
    // ...
  }
}
```

Name	Required	Type
Item Location Inventories	True	Update Inventory

# Omnichannel Front-end

With an optimized omnichannel front-end, retailers get a 360-degree view of the customer through a web-based application that can be accessed in-store or by the back office.

The app combines store fulfillment functionality and back-office CRM functionality, giving store associates complete control over the customer experience. In addition to customer, order and inventory information, it also enables native order creation, order editing, appeasements and returns.



The pace of omnichannel commerce is increasing and so is the cost of doing business. Tecsys' composable OMS is designed to help retailers provide an enterprise-level frictionless commerce experience, with a fast ROI and ownership of their future omnichannel capabilities.

## About **Tecsys**

Since our founding in 1983, so much has changed in supply chain technology. But one thing has remained consistent across industries, geographies and decades – by transforming their supply chains, good organizations can become great.

Our solutions and services create clarity from operational complexity with end-to-end supply chain visibility. Our customers reduce operating costs, improve customer service and uncover optimization opportunities.

We believe that visionary organizations should have the opportunity to thrive. And they should not have to sacrifice their core values and principles as they grow. Our approach to supply chain transformation enables growing organizations to realize their aspirations.



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