



**MARKET**PUSH

# MarketPush Marketplace SaaS Platform Features

*Scalability. Flexibility. Profitability.*

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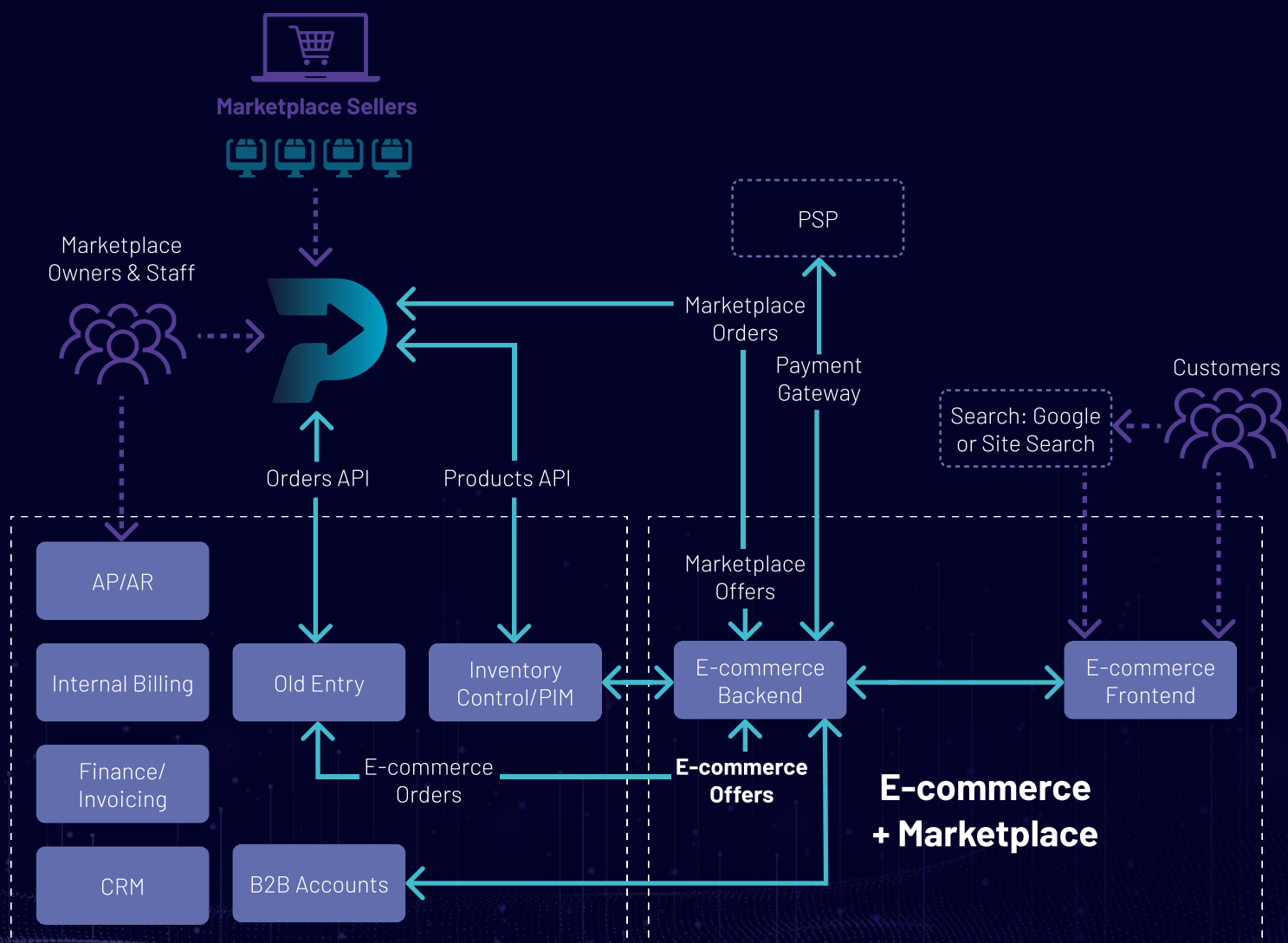
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# Application Platform

The MarketPush platform is built with Hasura, which provides instant, real-time, high-performance GraphQL APIs. The data is stored in a Postgres database, and the application user interface is developed in React.

MarketPush is a software-as-a-service (SaaS) platform that is accessed through web browsers. It is used to deliver a secure back office for ease of managing marketplace sellers, orders, products, and offerings.

## Application Architecture





To help facilitate the privacy and security of enterprise data, MarketPush deploys a multi-layered security framework that consists of the following components:

- **User Authentication:** MarketPush reduces the risk of data breaches and cyberattacks by supporting the assignment of granular permissions for data access. With support for SAML 2.0, users can also securely access the platform with single sign-on from their SAML 2.0-compatible IdP (Identify Provider).
- **Compliance Reporting:** All user activity in the MarketPush platform is logged and made available to operators through the MarketPush UI and APIs.

## Availability & Continuity

MarketPush is working on creating a publicly available system-status webpage. It will include comprehensive information such as system availability details, scheduled maintenance, service incident history, and relevant security events.

Our business continuity and disaster-recovery program is designed to address the risks when MarketPush services are unavailable. These plans are reviewed regularly.

## Software Development Life cycle (SDLC) Practices

MarketPush developers and engineers follow secure code practices that span the Open Web Application Security Project (OWASP) top 10 security risks and common attack vectors. To limit these security risks, MarketPush leverages secure open-source frameworks with security controls. These inherent controls reduce our product exposure to SQL injection attacks (SQLi), cross-site scripting (XSS), and cross-site request forgery (CSRF).

### MarketPush uses the following principles to guide the SDLC process:

- Quality at every step of the development process
- Continuous integration and release qualification
- End-to-end test automation for velocity and repeatability
- Phased product rollout with continuous customer feedback
- Root Cause Analysis (RCA) process for continuous improvement

### When creating a new product, MarketPush follows the following release process:

1. **Definition:** Content and features are finalized for release. The development team, product management and support teams review and commit to requirements.
2. **Development:** Documentation is designed, tests are planned, and code is reviewed according to secure coding standards.
3. **Hardening:** Features are tested with an additional focus on stress tests, as well as scans for security vulnerabilities.
4. **General availability:** New features and functionality are made available for customer use.

# Administration, Legal, Security, and Monitoring

Data stored or processed by MarketPush is secure with state-of-the-art technologies, as MarketPush employs rigorous technical and organizational security controls.

Feature	Description
Azure Cloud	MarketPush utilizes Microsoft Azure Cloud for hosting and configuration management.
Manage custom terms and conditions	Clients can manage and upload the terms of service contract into global settings.
Manage users securely	Clients determine which users can be authorized to view data and features in the MarketPush platform with user role assignments.  Data contained within the client's MarketPush environment may be accessed by MarketPush Customer Support and Engineering teams exclusively for troubleshooting purposes.
Authorization	MarketPush offers fine-grained privileges and allows group privileges to be manually created.
Authentication options	MarketPush supports Security Assertion Markup Language (SAML) and Single Sign-on (SSO).
Hash algorithm	MarketPush employs Auth0, which uses state-of-the-art password management practices.
Data encryption	MarketPush uses Transport Layer Security (TLS) to protect data in transit. Only the customer's operators or users authorized by the operator can access all data stored within the client's MarketPush instance.
Logging and auditing	Clients can monitor events based on the logging capabilities built into the MarketPush platform. MarketPush aggregates audit logs, enabling customers to easily monitor changes across the platform.
Separation of roles	Different roles are played by development, ops, and monitoring so that a single MarketPush staff member cannot have multiple roles.
Development environments	The development environment is isolated from the test and production environments.
Application security testing	Leverage Application Security Testing (AST) tools combined with multiple techniques. Checkmarx and SonarQube are used to scan source code.

# Seller Management

## Feature

## Description

List seller accounts

Get an overview of all seller accounts.

Edit seller account information

Manage seller company profile details at shop level.

Configure seller billing periods

Create billing periods and add sellers to them.

Configure global shipping charges

Operators can specify shipping regions, delivery methods, and shipping carriers.

Configure commission fees

Flexibility to handle commission at the product category or supplier level with the ability to manage flexible or absolute commission rates.

Manage products and offers imports

Sellers can import their product and offer feeds and map them to operator-defined category attributes.

Dashboards

Monitor statistics.

Manage seller users

Allow users access to multiple seller accounts through the same login account.

Emulate seller users

Provide "seller impersonation," which makes it possible for operators to log into the platform as the user to execute actions and troubleshoot issues.

**MARKETPUSH**

Search by product number, channel, supplier, or keyword

Select Date

Bob Johnson

### User Management

Super admin is limited to one position. Four seat limit for operator roles. Unlimited access for all other positions.

Export Data

Showing 20 of 312 | Previous 1 2 3 4 5 Next

Search Within Table

+ New Account

Name	Email	Company	Role	Status	Actions
Bob Johnson	Bob.Johnson@gmail.com	Bob's Grand Store	Super Admin	Active	Edit
Sue Bell	Suebell@mp.com	MarketPush	Master Operator	Active	Edit
Dom Williams	Dwilliams@tectric.com	Tectric Electronics	Account Administrator	Active	Edit

# Order Management

Feature	Description
Cancel orders	Control orders at any stage. Let customers cancel their orders before fulfillment.
Accept orders	Sellers can accept orders
Shipping and tracking	<ul style="list-style-type: none"> <li>Sellers can enter multiple tracking numbers for an order.</li> <li>Operators can define which delivery methods require tracking.</li> </ul>
Upload documents to an order	Allow sellers to upload invoices and exchange pictures or documents to facilitate or resolve issues with orders.
Refund orders	<ul style="list-style-type: none"> <li>Full integration into the operator system.</li> <li>Operators can control the maximum amount allowed for refunds.</li> </ul>
Archive orders	Ability to archive and restore orders.
Manage orders	<ul style="list-style-type: none"> <li>Up-to-date data about your sales with a personalized dashboard.</li> <li>Easy and clear overview of orders, sales, etc.</li> <li>Check a detailed order history.</li> <li>Quickly find any customer and its order history.</li> </ul>

**MARKETPUSH**

Search by product number, channel, supplier, or keyword Select Date

Bob Johnson

Orders / #28343121-A

## Orders

#28343121-A | Oct. 13, 2021

Tectric Electronics  
78362 West Brooks Ave  
San Diego, California 127463

Paid  
Awaiting Shipment

Print Edit

**Export Data**

**Shipping Information**

Shipping Method  
Standard

Tracking Number  
Enter Number

Select Carrier  
Select

**Marked As Shipped**

**Customer Information**

**Create Shipping Label** **Cancel Order**

Tax: \$69.02  
Shipping: \$82.00  
Order Total: \$82,214.00  
Commission: \$45,873.00



# Offer Management

## Feature

## Description

Create offers in bulk

Ability to create multiple offers at a time through spreadsheet import method.

Create an offer manually

Create one offer manually through an offer web creation form.

Monitor and manage inventory

- Easily update quantity.
- Quantity-alert thresholds alert the seller when an offer quantity is low.

Manage inventory from different warehouses/ locations

If enabled by the operator, sellers can create multiple locations to manage or synchronize inventory as needed.

Manage offers with taxes not included

Operators can decide whether their sellers should set their prices to include tax.

Tier and promotional pricing

- Allow sellers to create offers with decreasing pricing along with quantity.
- Allow sellers to specify promotional pricing and availability.

**MARKETPUSH**

Search by product number, channel, supplier, or keyword

Select Date

Bob Johnson

**Offers**

Export Data | Import Data View Products

Product	Seller	Quantity	Price	Status	Actions
DETROIT DIESEL 0000901551 Fuel Filter	zane corp.	1205	\$58.00	Active	
DETROIT DIESEL 0000901551 Fuel Filter	btcmmod inc.	121	\$42.00	Disabled	
DETROIT DIESEL 0000901351 Fuel Filter	btcmmod inc.	14	\$106.00	Active	
JOHN DEERE PARTS AR96745 Fuel Filter	btcmmod inc.	13	\$208.00	Active	



# Product Management

## Feature

## Description

PIM integration

Integration points are available to synchronize product data between MarketPush and an external PIM system.

Configurable marketplace

- Adaptable category product attribute.
- Operators can configure which products are salable, can review, quickly change, and approve product submissions.

Seller product onboarding

- Sellers can onboard and submit their own product files.
- Sellers are provided a wizard to match their product attributes with the operator's product attributes.

Monitor product submissions

- Full control of product submissions.
- Full autonomy for sellers to fix incorrect submissions.
- Track import status and download error reports.

Submit products manually

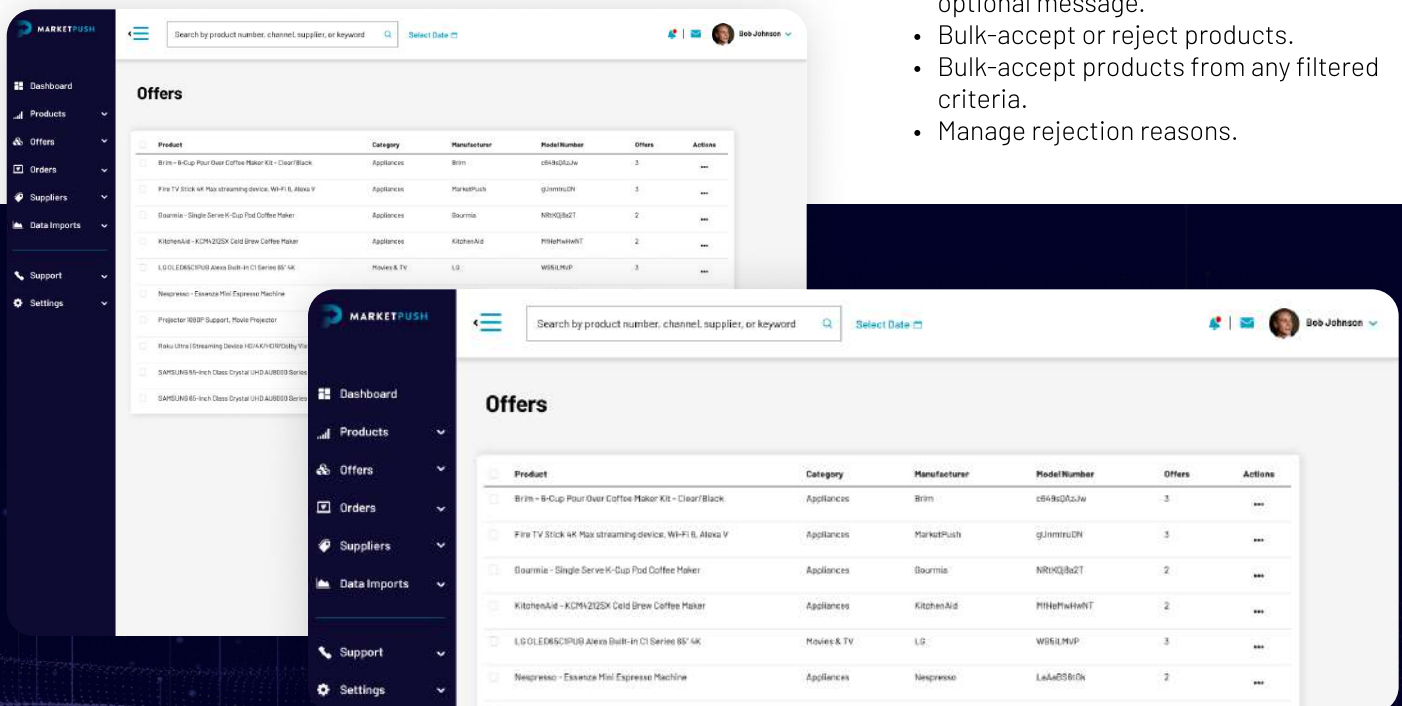
Create a single product manually

Map products against the operator's catalog

Step-by-step wizard lets sellers map product attributes.

Moderate product acceptance

- Operators decide which products will be sellable on the marketplace.
- Operators can accept or reject products and specify predefined reasons with an optional message.
- Bulk-accept or reject products.
- Bulk-accept products from any filtered criteria.
- Manage rejection reasons.



# Messaging

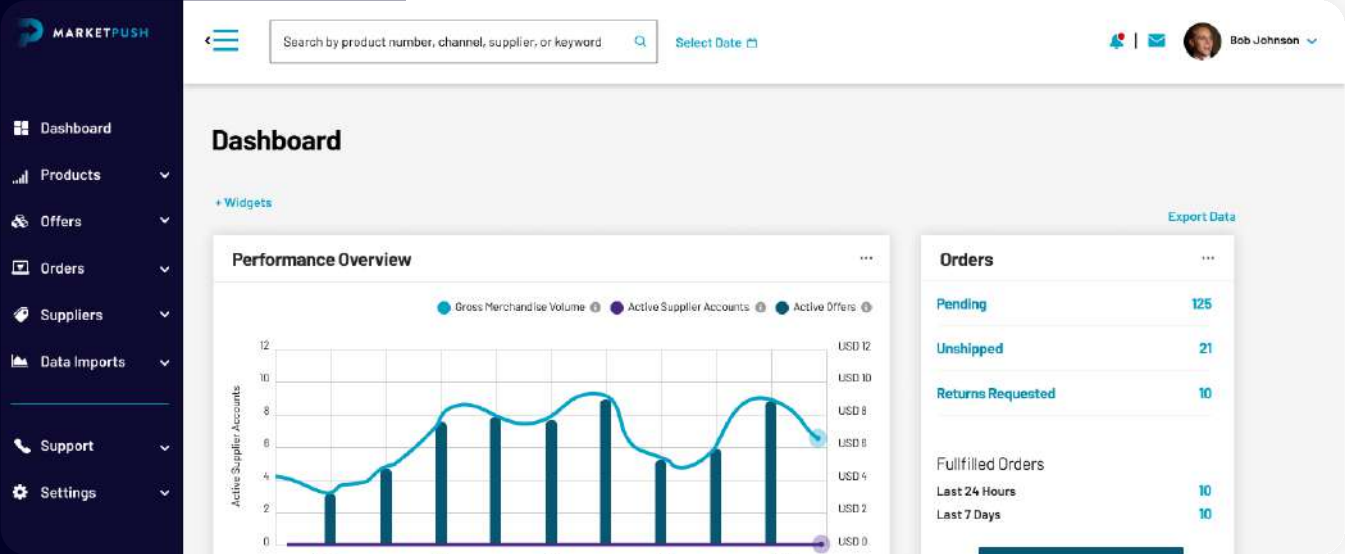
Feature	Description
Order messaging	<ul style="list-style-type: none"><li>• Autonomy given to sellers to resolve problems with orders on their own.</li><li>• Operators can track interaction between the seller and customer.</li></ul>
Instant messaging between users of the same organization	<p>Users of the same organization can:</p> <ul style="list-style-type: none"><li>• Send messages to an individual in their organization or to a group of users.</li><li>• Share files, images, etc.</li></ul>

# Quotes

Feature	Description
Quoting	<ul style="list-style-type: none"><li>• Allow customers to request quotes from sellers.</li><li>• Allow customers to send messages and attachments for complex and advanced quote requests.</li></ul>
Manage quotes	<p>Sellers manage quote requests they receive.</p>
Manage quote life cycle	<ul style="list-style-type: none"><li>• Operators can control when quotes expire and send reminders to sellers</li><li>• Operators can monitor refused, abandoned, and successful quotes that generate an order.</li></ul>

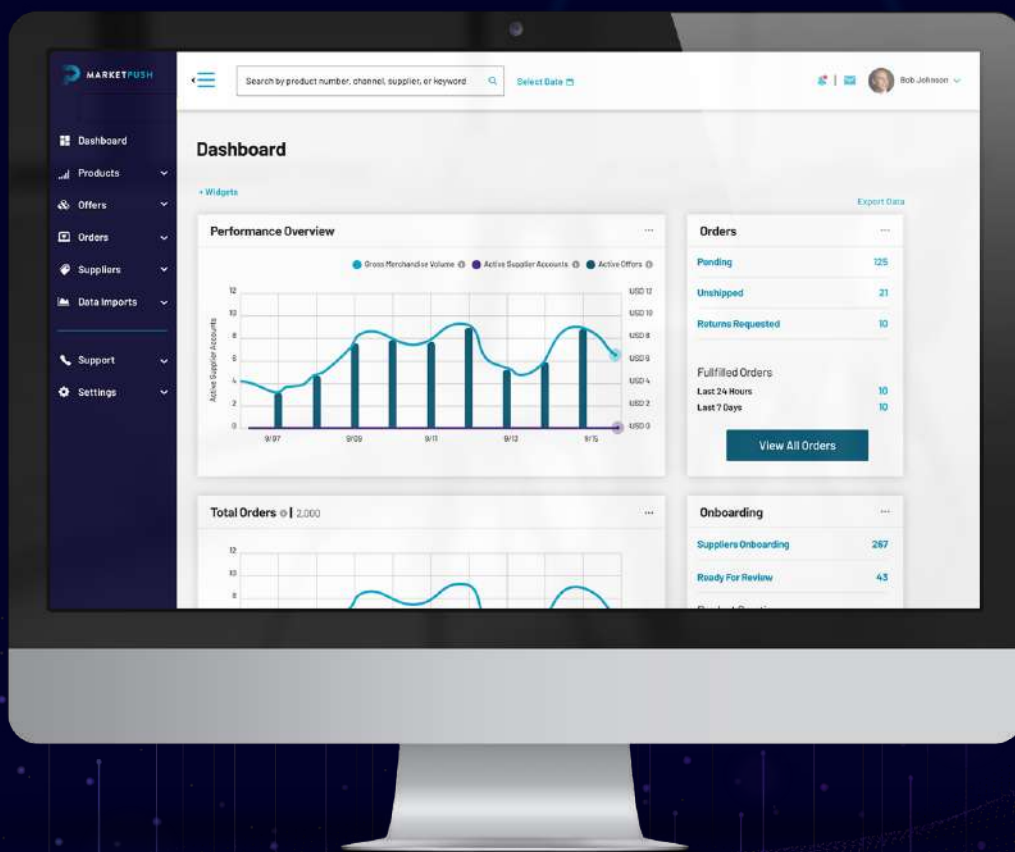
# Dashboard

Feature	Description
Configurable dashboard	<p>Customizable and user-specific dashboard</p>
Manage orders	<p>Accessible order information at a glance</p>



# User Experience

Feature	Description
Customize instance look-and-feel	Instance is fully customizable to the operator's brand.
Responsive design	MarketPush is usable on a mobile or tablet device thanks to the responsive design on all pages.
CSV export on all listings	Users can export data on any listing for external purposes.



# Advanced Configuration

Feature	Description
Tailored email notifications	<ul style="list-style-type: none"><li>• Control emails sent to any user.</li><li>• Tailor email templates directly without any extra development or deployment.</li><li>• Use advanced variables and conditions.</li></ul>
Configure reminders	Operators can control the frequency of reminders.

Feature	Description
GraphQL and Restful APIs	Sellers and operators can integrate easily with MarketPush by using the available GraphQL and Restful API endpoints

Feature	Description
Configurable categories	<ul style="list-style-type: none"><li>• Configure categories and provide visibility to sellers on the types of products that can be sold on the marketplace.</li><li>• Sellers can map their data against the operators.</li></ul>
Configurable attributes	Adapt product attributes to a PIM structure.
Configurable value lists	Total control over advanced or complex characteristics of product attributes.



## Email Notifications

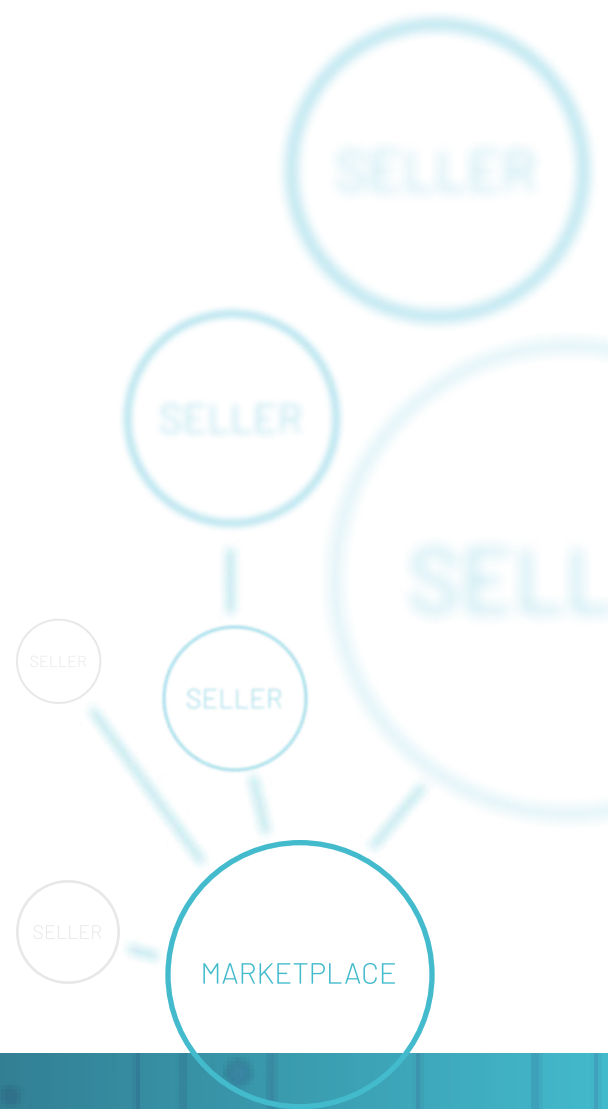
## Connectors to Accelerate Seller Onboarding

## Catalog Management



## Available APIs

Feature	Description
Products	<ul style="list-style-type: none"><li>• Manage full or delta exports of products in CSV or JSON format.</li><li>• Create, update, accept, or reject products.</li></ul>
Offers	<ul style="list-style-type: none"><li>• Manage full or delta exports of offers in CSV or JSON format.</li><li>• Create, update, or delete offers.</li></ul>
Orders	Accept, reject/cancel, or update orders.
Stores	Create, update, suspend, close, and archive seller accounts.



Want to learn more? Contact us and let us show you how we will help take your E-commerce strategy to the next level.



*Scalability. Flexibility.  
Profitability.*

