



# MARKETPLACE

An Ecommerce aggregator platform for IoT solutions .

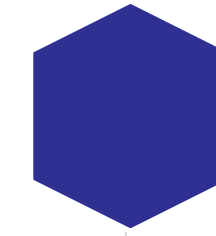
April 08

2021

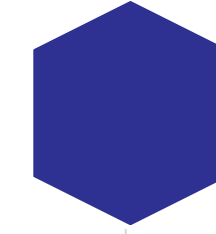


# TABLE OF CONTENTS

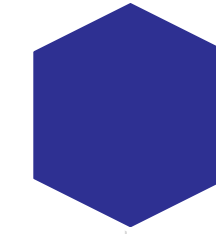
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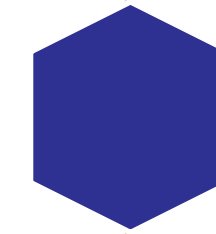
What We Do



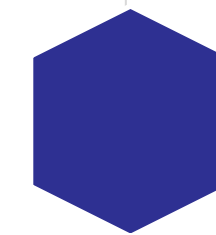
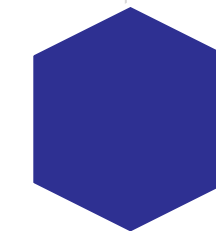
Product Features



Consumer Use Case



Merchant Use case





# WHAT WE DO

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## TEC Marketplace

- The IoT Marketplace is a one-stop click-and-buy-store.
- offering complete smart solutions.



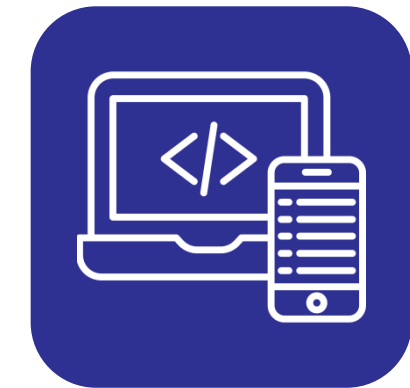
## Focus Area

- Health
- Business solution
- Mobility
- Agriculture
- Internet



## Order Management

- An order management system, used for order entry and processing.
- With complete tracking of products and shipping details.



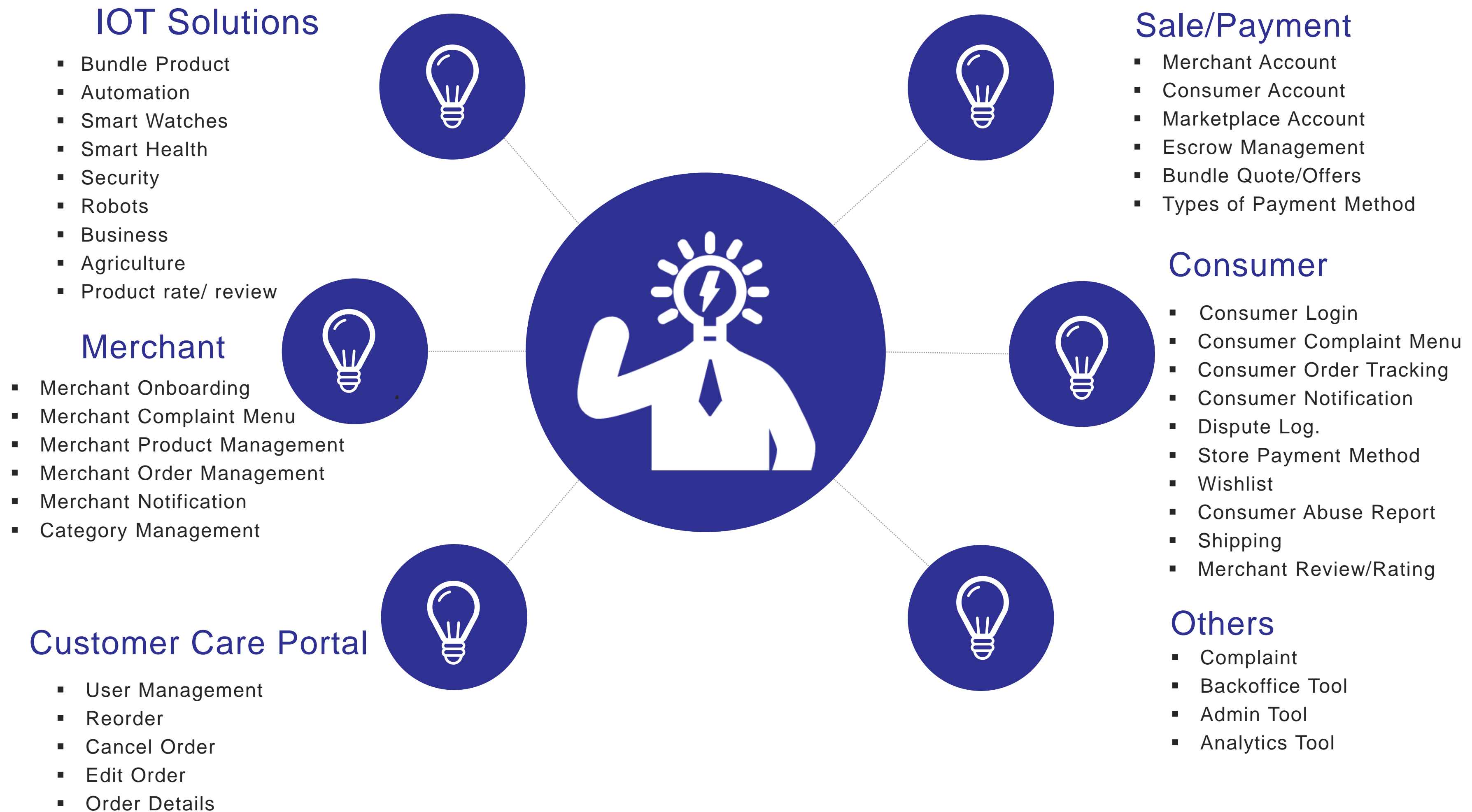
## Partner Management

- Merchant acquisition through digital channels
- Logistic Partner digital onboarding and management
- Service Providers onboarding and management
- Partner revenue management
- Partner region management





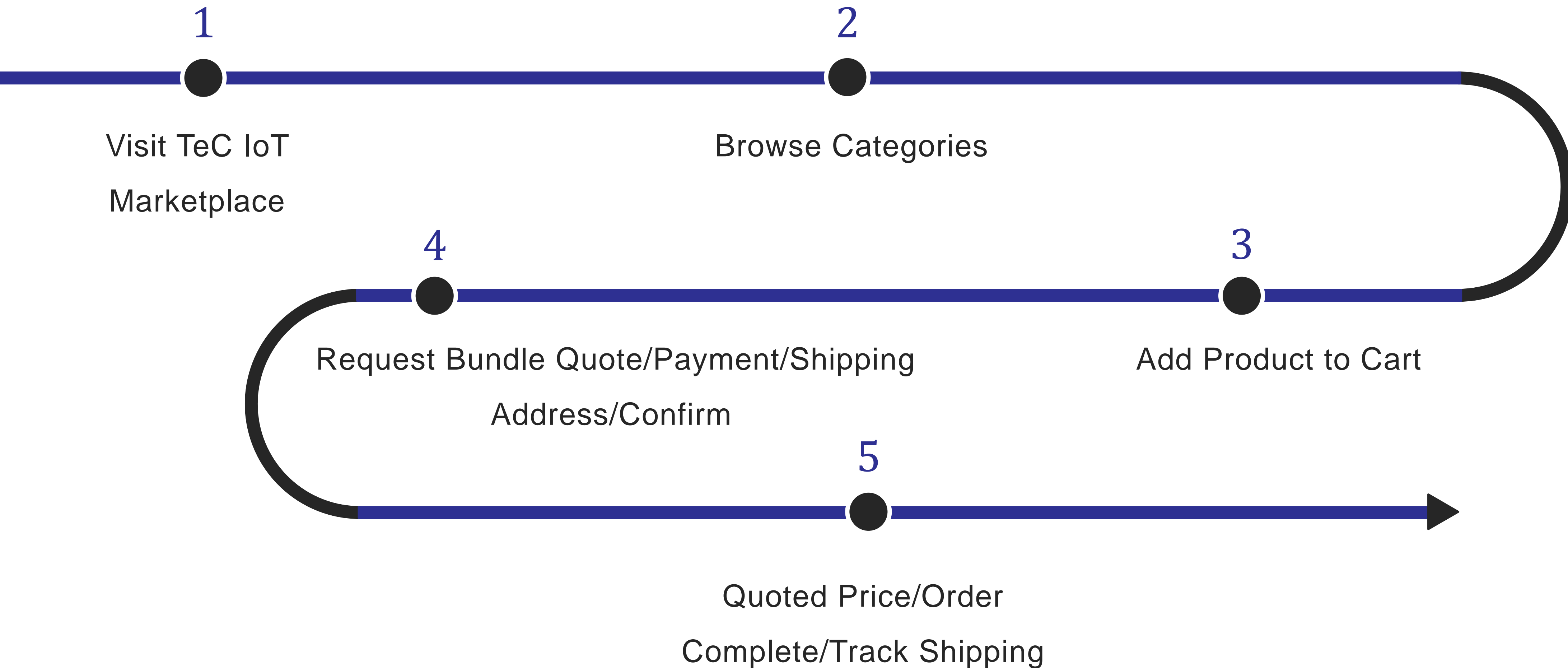
# PRODUCT FEATURES





# Consumer Use Case

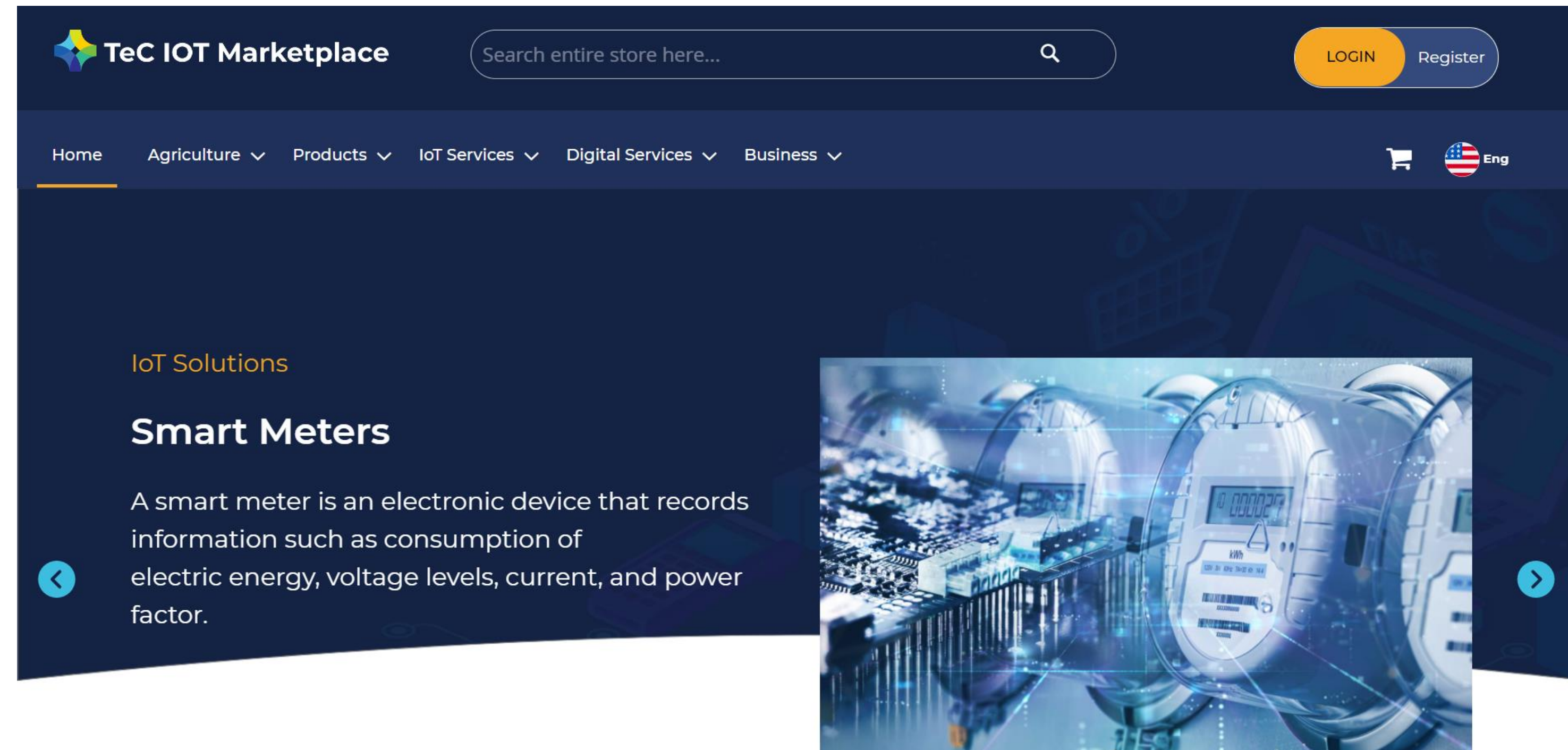
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# Home Page

Home page facilitate navigation and showcase all the product and services categories with search option.

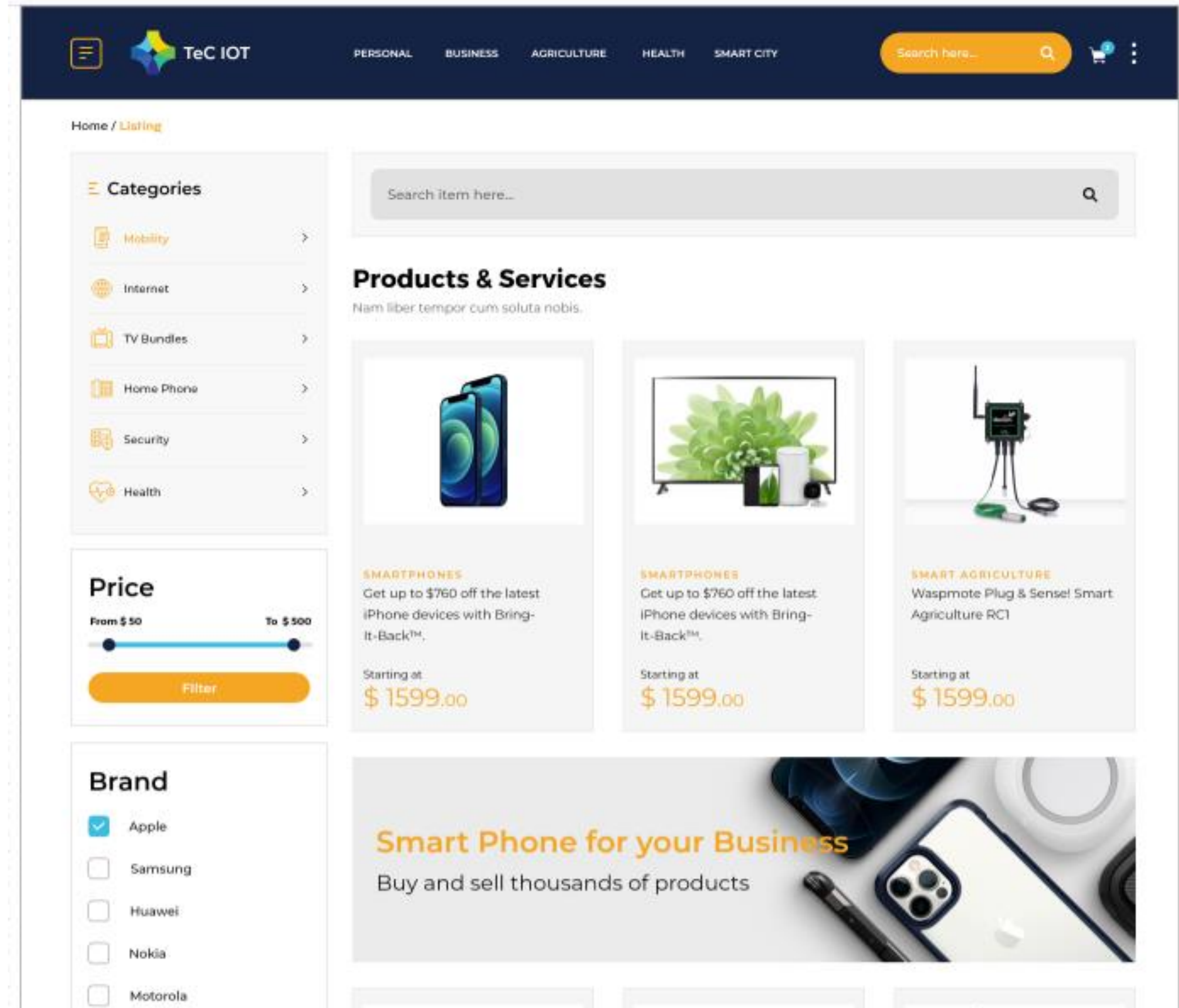






# Product & Service Page

This page shows different categories of the product and services being offer on the platform.







# Shopping Cart

Shopping cart facilitates the purchase of a product or service.

[Home](#) [Agriculture](#) [Products](#) [IoT Services](#) [Digital Services](#) [Business](#)

 [LOGIN](#) [Register](#)

[Home](#) > [Shopping Cart](#)

Item	Price	Qty	Subtotal
 <b>Smart Drive</b> In-Vehicle WiFi: 1 Gbps (per month) Vehicle tracking: Current Location Driver monitoring: Rapid acceleration Vehicle maintenance: Diagnostics	<b>\$90.00</b>	Quantity - 1 +	<b>\$90.00</b>

[Update Shopping Cart](#)

[Apply Discount Code](#)

### Summary

[Estimate Shipping and Tax](#)

Subtotal	\$90.00
Tax	\$0.00
<b>Order Total</b>	<b>\$90.00</b>

[Proceed to Checkout](#)

[Check Out with Multiple Addresses](#)

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**Product detail page, that provides information on a specific product. This information includes size, color, price, shipping information, reviews, and other relevant information customers want to know before purchasing.**

Self-Monitoring, Analysis and Reporting Technology; often written as SMART) is a monitoring system included in computer hard disk drives (HDDs), solid-state drives (SSDs), and eMMC drives.

In-Vehicle WiFi 

Driver monitoring

Quantity

$$-1 +$$

DESCRIPTION

SPECIFICATIONS

REVIEWS 1

Self-Monitoring, Analysis and Reporting Technology; often written as SMART) is a monitoring system included in computer hard disk drives (HDDs), solid-state drives (SSDs), and eMMC drives.

### A Distinctive Attribute Use To Solve The Problems.

From a few vehicle to full scale fleet , connected vehicle portfolio empower business.




From a few vehicle to full scale fleet , connected vehicle portfolio empower business.

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# Checkout and Payment

In this page customer choose a payment method and goes on its checkout journey.

 **TeC IOT Marketplace**

Ship To: edit  
merchant user  
321  
na, 12345  
United States  
[23435545454545](#)

Shipping Method: edit  
Marketplace Shipping Method - Marketplace  
Sample Shipping Method

Payment Method


☒ Check / Money order

☒  
My billing and shipping address are the same  

merchant user  
321  
na, 12345  
United States

Order Summary

1 Item in Cart ^

 Smart Drive  
Qty: 1  
\$90.00  
[View Details](#) v

Subtotal\$90.00

Shipping  
Marketplace Shipping Method - Marketplace Sample  
Shipping Method\$0.00

**Order Total\$90.00**

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# Consumer Dashboard

In this page customer make their online profile, customers maintain and store their shipping addresses, email addresses and phone numbers in their online profiles.

## My Account



### Contact Information [Edit](#)

 Jon Doe

 jondooo@yopmail.com

 971558201099

### Company Information [Edit](#)



### Address Book [Edit](#)

Default Shipping Address

Jon Doe  
tesy  
ert, 121232  
United Arab Emirates  
T: [32242423232](#)



### Login Information

 jondooo@yopmail.com

[Change Password](#)

## Payment Account

Account Number	Account Title	
5219750009007813	john doe	<a href="#">Change Account</a>





# Consumer Order History

Order history page is a convenient way for a buyer to keep track of all current and past orders and their status in the order process.

TeC IOT Marketplace

My Orders

Company Structure

Dashboard

My Account

Manage Categories

Manage Products

Manage Orders

My Transaction List

Order History

My Disputes

Notifications(9+)

My Complaints

Lodge Complaints

Manage Orders

Transaction ID

Date From

Date To

Filter

All

CLEAR

Export CSV

Order ID	Purchased On	Bill to Name	Ship to Name	Sub Total	Income	Status	Action
4000000002	24/02/2021	Jon Doe	Jon Doe	\$920.00	\$920.00	processing	
000000020	11/01/2021	admin user	admin user	\$252.00	\$252.00	processing	
000000015	15/12/2020	Muhammad Gufran	Muhammad Gufran	\$330.00	\$330.00	processing	
000000014	15/12/2020	test them	test them	\$1,468.00	\$1,468.00	processing	
000000012	11/12/2020	test them	test them	\$1,125.00	\$1,125.00	processing	

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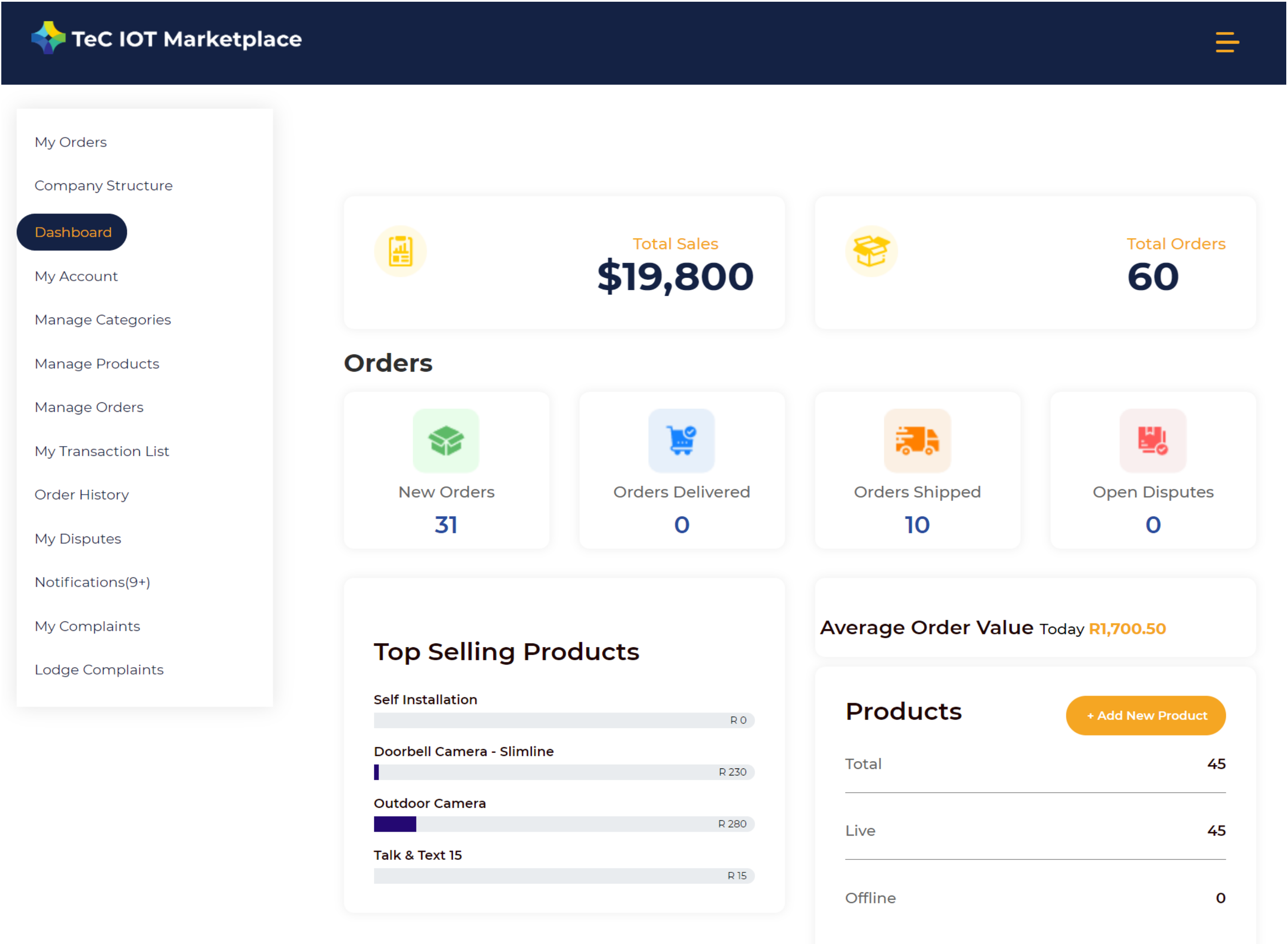
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# Merchant Dashboard

Merchant dashboard where online businesses manage their appearance across all ecommerce products and make changes to their online listings as needed.





# Admin Dashboard

The dashboard is usually the first page that appears when you log in to the Admin and can provide a real-time overview of Admin panel.

DASHBOARD

MARKETPLACE

COMPLAINTS MANAGEMENT

DISPUTES MANAGER

MARKETPLACE ACCOUNTS

SALES

USER MANAGER

REPORTS

STORES

SYSTEM

## Dashboard

Scope: All Store Views ? Reload Data

### Advanced Reporting

Gain new insights and take command of your business' performance, using our dynamic product, order, and customer reports tailored to your customer data.

[Go to Advanced Reporting](#)

**Lifetime Sales**  
\$0.00

**Average Order**  
\$0.00

**Last Orders**

Customer	Items	Total
admin user	1	\$10.00
admin user	3	\$734.00
admin user	1	\$185.00
John merchant	1	\$270.00
Jon Doe	3	\$460.00

**Last Search Terms**

Search Term	Results	Uses
phone	3	1
catalog	0	1
iphone	0	1
tes	7	1
iphone	5	2

**Top Search Terms**

Search Term	Results	Uses
home	4	2
test	2	2
phone	3	1

Chart is disabled. To enable the chart, click [here](#).

Revenue	Tax	Shipping	Quantity
\$0.00	\$0.00	\$0.00	0

Bestsellers

Most Viewed Products

New Customers

Customers

Yotpo Reviews

We couldn't find any records.

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# Product Layout

Admin panel allows you to customize view pages for all product types in the common layout files.

DASHBOARD

MARKETPLACE

COMPLAINTS MANAGEMENT

DISPUTES MANAGER

MARKETPLACE ACCOUNTS

SALES

USER MANAGER

REPORTS

STORES

SYSTEM

## Products

1

admin

Add Product

Filters

Default View

Columns

Active filters: Status: Enabled

Clear all

Search by keyword

Actions

68 records found

20 per page

1 of 4

	ID	Thumbnail	Name	Type	Attribute Set	SKU	Price	Quantity	Salable Quantity	Visibility	Status	Websites	Action
<input type="checkbox"/>	109		Agriculture weather station	Simple Product	Products	AWS	\$500.00	1000.0000	Default Stock: 1000	Catalog, Search	Enabled	Main Website	<a href="#">Edit</a>
<input type="checkbox"/>	111		Automation Robot	Simple Product	Products	Automation Robot	\$500.00	1000.0000	Default Stock: 1000	Catalog, Search	Enabled	Main Website	<a href="#">Edit</a>
<input type="checkbox"/>	104		Cold Chain Monitor	Simple Product	Default	Cold Chain Monitor	\$500.00	150.0000	Default Stock: 150	Catalog, Search	Enabled	Main Website	<a href="#">Edit</a>
<input type="checkbox"/>	92		Coreddy R750	Simple Product	Products	Coreddy R750 R1	\$300.00	100.0000	Default Stock: 100	Catalog, Search	Enabled	Main Website	<a href="#">Edit</a>
<input type="checkbox"/>	50		Doorbell Camera - Slimline	Simple Product	Products	dbCameraSlimline	\$230.00	77.0000	Default Stock: 73	Catalog, Search	Enabled	Main Website	<a href="#">Edit</a>
<input type="checkbox"/>	110		Farm Management	Simple Product	Default	FM	\$250.00	1000.0000	Default Stock: 1000	Catalog, Search	Enabled	Main Website	<a href="#">Edit</a>



# Unique Selling Point

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- We are providing Marketplace platform features along with Escrow management, Shipping Integrations, Pre integrated with Mobile Wallet platform and IoT catalogue support.
- Marketplace target to maximize the revenue through escrow management and control over all costs through configuration of Ecommerce platform.



# THANK YOU

Will Meet You Again





# Backup Slides

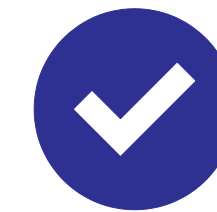
Architecture Overview

# Architecture Overview

The marketplace will have a Web browser-based interface and Mobile Apps for the end customers. The payment and delivery of services and goods will be through the payment gateways and shipment partners. The APIs for integration with the App will also be available.

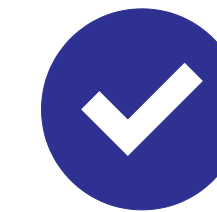
The list below is the end-user Deliverables:

1. An end-user Marketplace web store – Web interface
2. A merchant portal for merchants of the Marketplace – Web interface
3. An Administrative portal with various access rights to manage the Marketplace based on user roles – Web interface
4. iOS mobile application for consumers and merchants
5. Android mobile application for consumers and merchants



## Escrow Management:

- Merchant account
- Consumer account
- Marketplace account.



## Backoffice tool:

- Merchant/ consumer view
- Product management,
- Order management.
- Wishlist
- Report abuse.
- Type of payment method

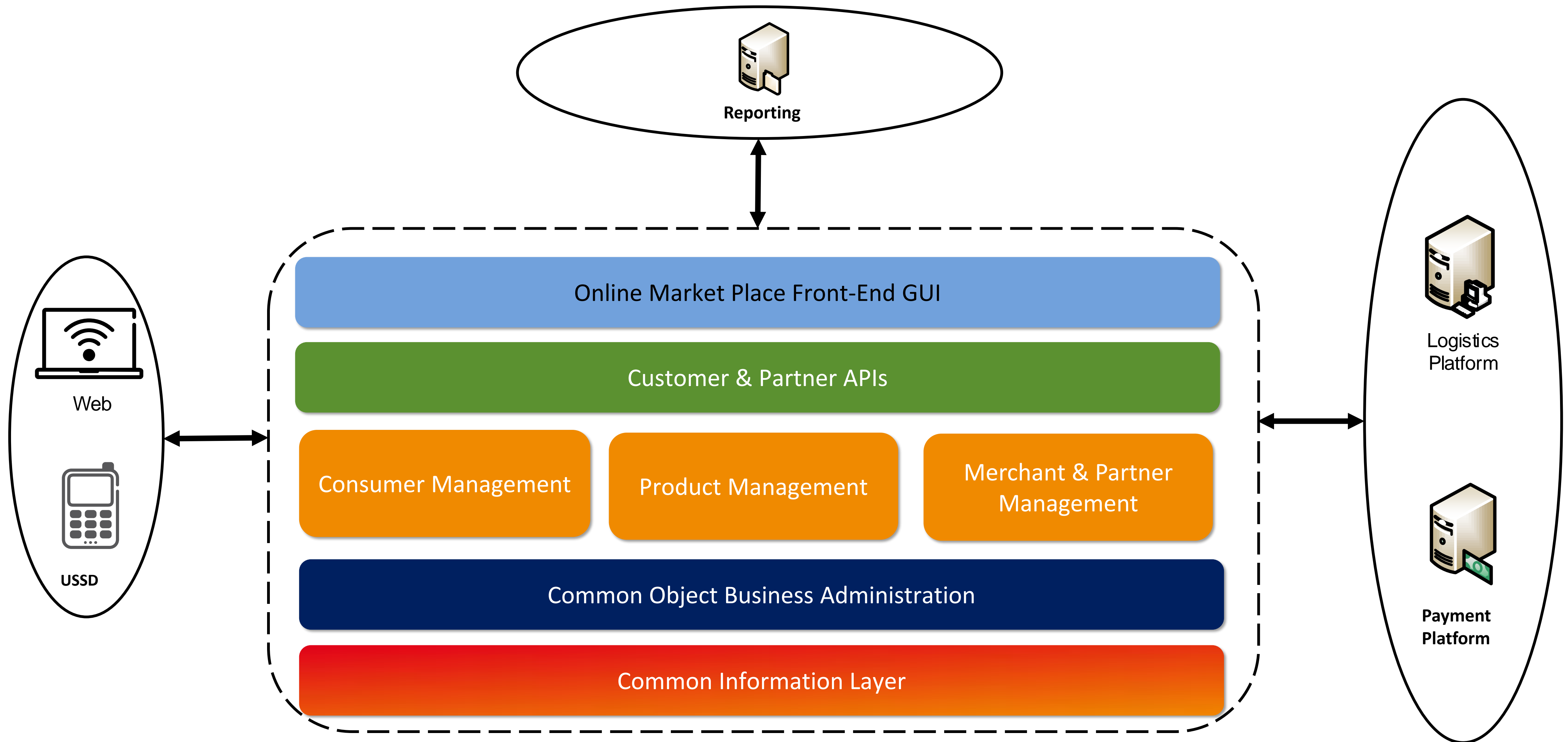


## User Roles:

- Category manager can view information of all merchants categories.
- Finance Manager can view all payment accounts.
- Product manager can approve and reject products.



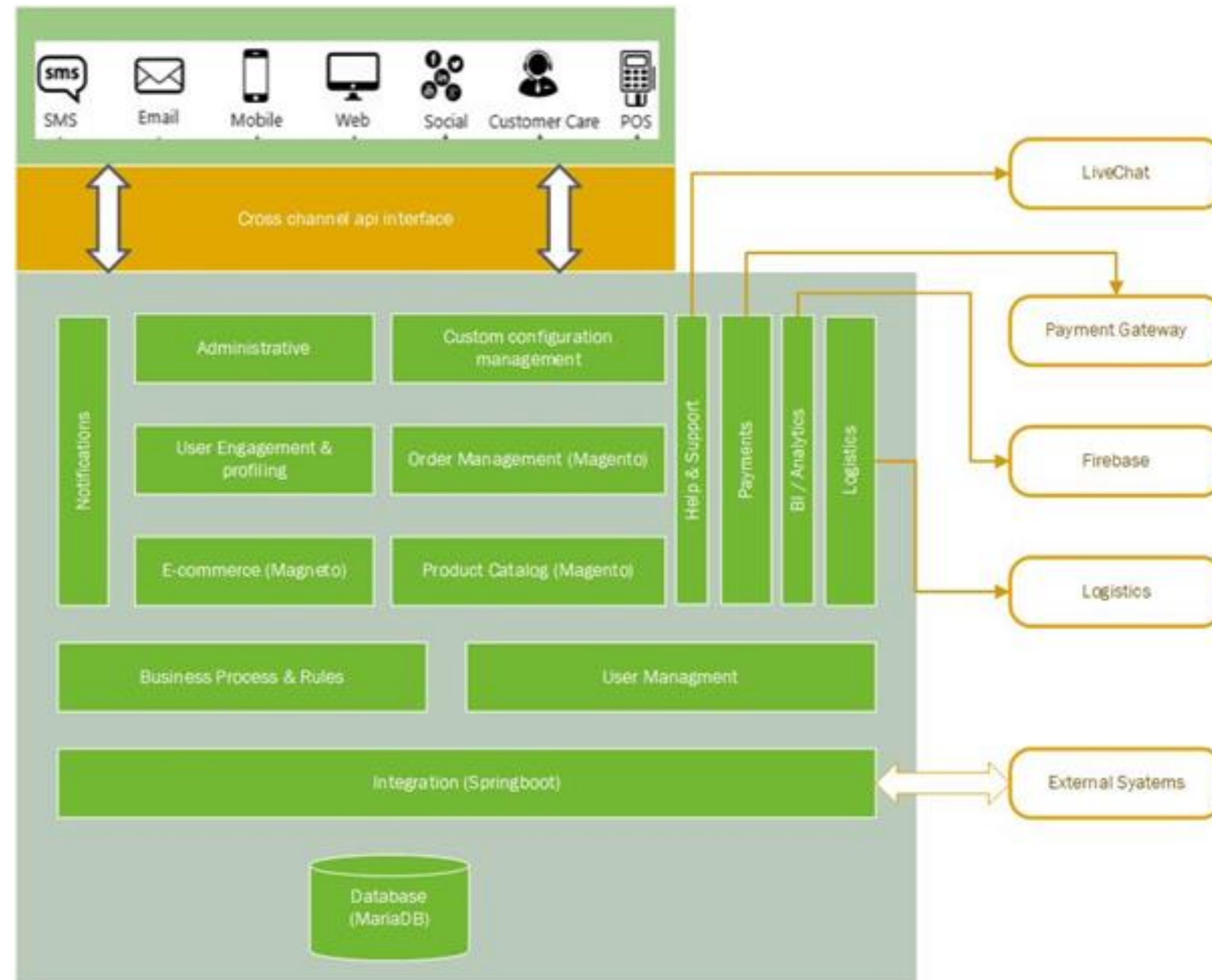
# Marketplace – Business Architecture





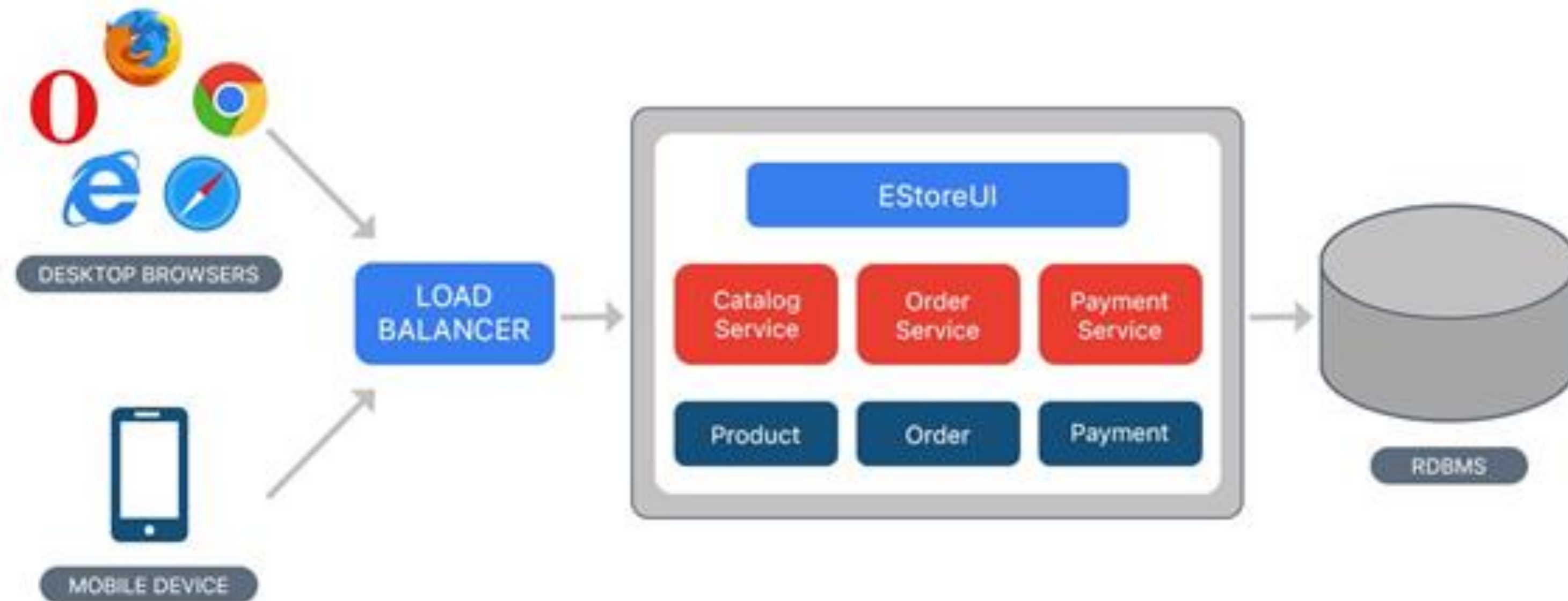


# Logical Diagram



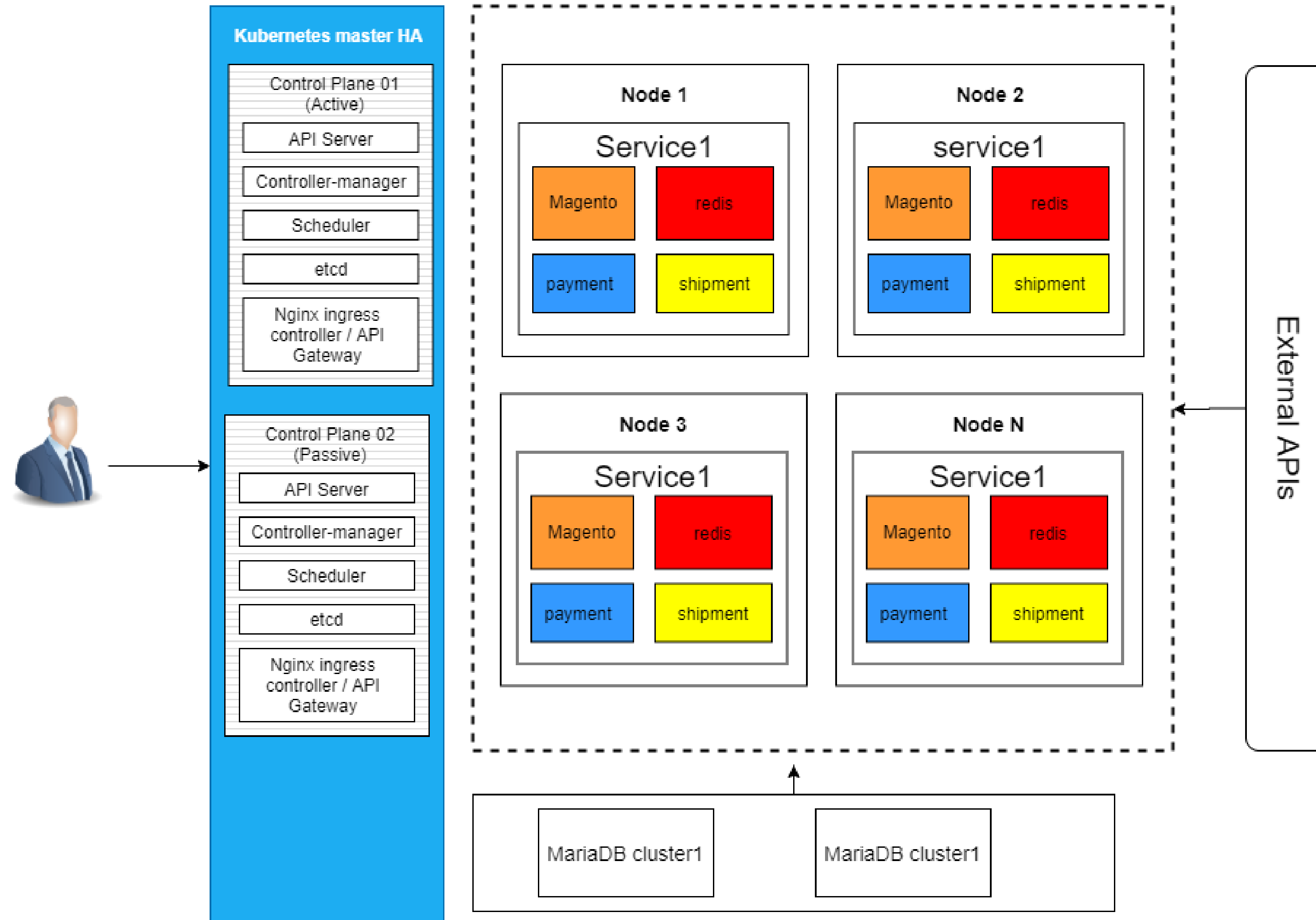


# Monolithic Architecture





# Micro-Services Architecture





# Technology Stack

## Deployment/Monitoring Stack



- Containers Orchestration



- Centralized Logging

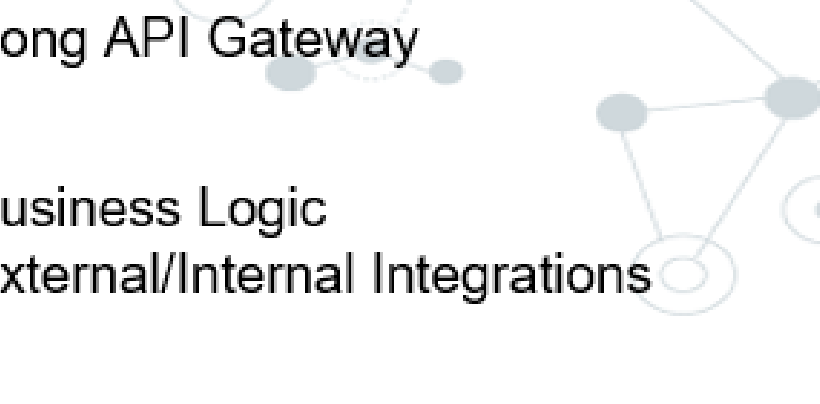


- Metric analytics & visualization

Evamp & Saanga

## Development Stack



- 
- Kong API Gateway
  - Business Logic
  - External/Internal Integrations
  - Message Queue
  - Distributed messaging system  
magento default support
  - Catalogue
  - Customer
  - E-commerce
  - Segmentation

- Backend cache

- Database





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# Thank You

For further info contact [info@evampsaanga.com](mailto:info@evampsaanga.com)