Features Document

MERCHANT MANAGER SYSTEM

VERSION: 2.5 **REVISION DATE: 05/24/2026**

Contents

Introduction

This document provides an overview of the **Merchant Management System (MMS)**, including existing features, features currently under development, and planned enhancements, together with their current status and estimated delivery timelines.

The system is designed to manage and operate payment terminals in a centralized manner. It supports the management of terminals, merchants, and companies, and allows administrators to configure and deploy data to terminals efficiently.

Key capabilities of the system include terminal configuration, application and firmware deployment, template-based setup, and centralized control of terminal-related data. The system also supports role-based access control, allowing users to be assigned permissions based on company, role, and organizational responsibilities.

This document is intended for project stakeholders and business users to gain a high-level understanding of the system's capabilities and current delivery status. Detailed technical specifications and implementation details are out of scope for this document.

System Overview

The **Merchant Management System (MMS)** is a centralized platform used to manage payment terminals across multiple companies and merchants.

The system enables administrators to register, configure, and maintain terminals, as well as manage merchant and company structures. It allows operational data and configurations to be prepared centrally and deployed to terminals in a controlled and consistent manner.

At a high level, the system supports:

- Terminal lifecycle management, including setup, configuration, and maintenance
- Company and merchant management with hierarchical relationships
- Centralized deployment of applications, firmware, and configuration templates to terminals
- Role-based access control, allowing user permissions to be defined by company and job role

The system is accessed through a web-based interface and is intended for administrators and operational users responsible for terminal operations and system configuration.

At the time of this document, the system includes core terminal and user management capabilities, with additional features being actively developed and enhanced.

Feature Overview

This section provides a high-level overview of system features with brief descriptions and reference images. Each feature includes its current status and, where applicable, estimated delivery timelines.

1. Login & User Authentication

Description

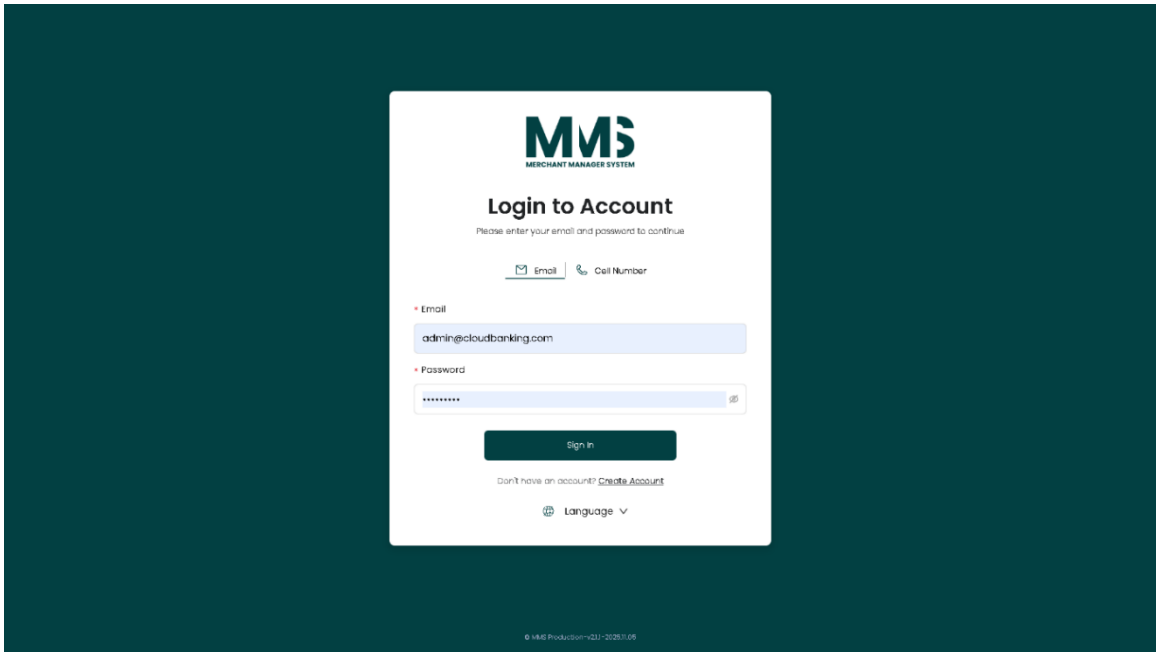
Allows users to securely access the system using admin-provided credentials. The login process includes email/password authentication, OTP verification via email, and company/merchant selection based on the user's assigned permissions. Access to system functions is restricted according to the user's role and company scope.

Key Capabilities

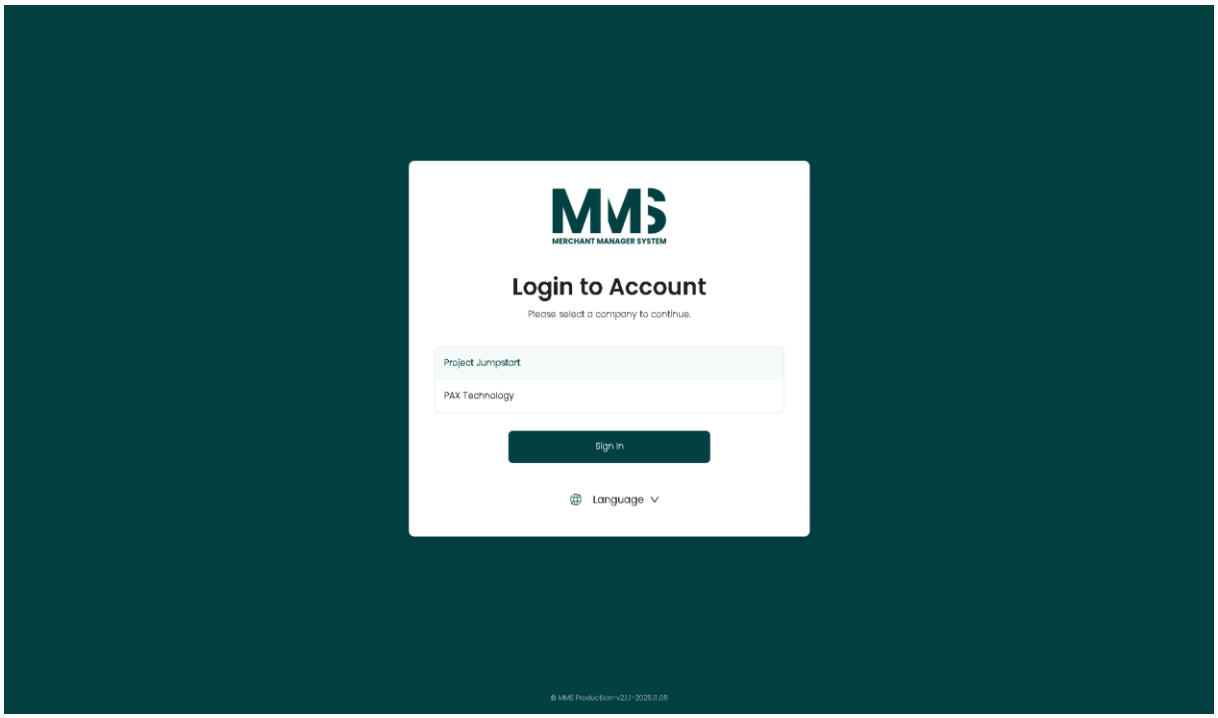
- Authenticate users using admin-provided credentials
- Verify user identity through OTP email verification
- Support access to multiple companies and merchants based on assigned permissions
- Enforce role-based access control across system features

Status: **Completed**

Reference Images:




MERCHANT MANAGER SYSTEM
Confirm Code
Please enter email confirmation code.
Dont receive the Code? RESEND CODE
Continue
Language


MERCHANT MANAGER SYSTEM
Login to Account
Please select a company to continue.
Project Jumpstart
PAX Technology
Sign in
Language

2. App Manager

2.1. Manage Apps

Description

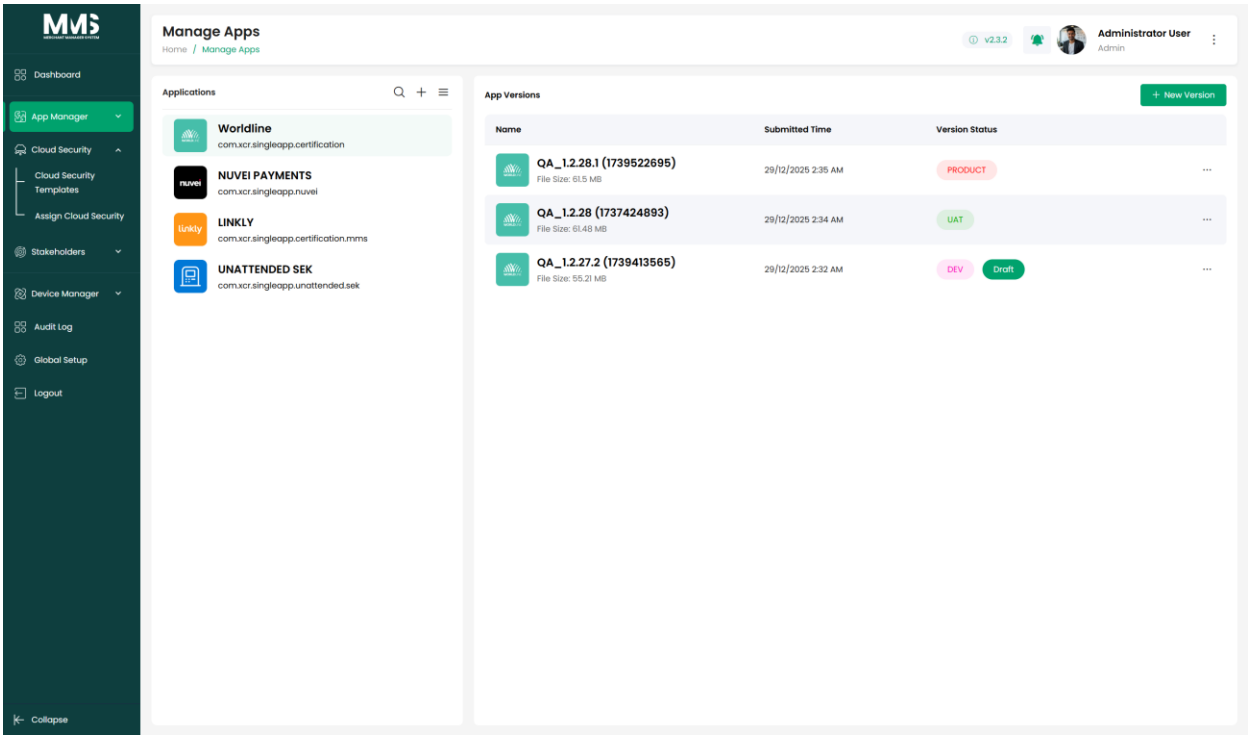
Provides centralized management of applications used on terminals, allowing administrators to create applications and upload multiple APK versions. The system automatically reads and displays application metadata to support version control and deployment management.

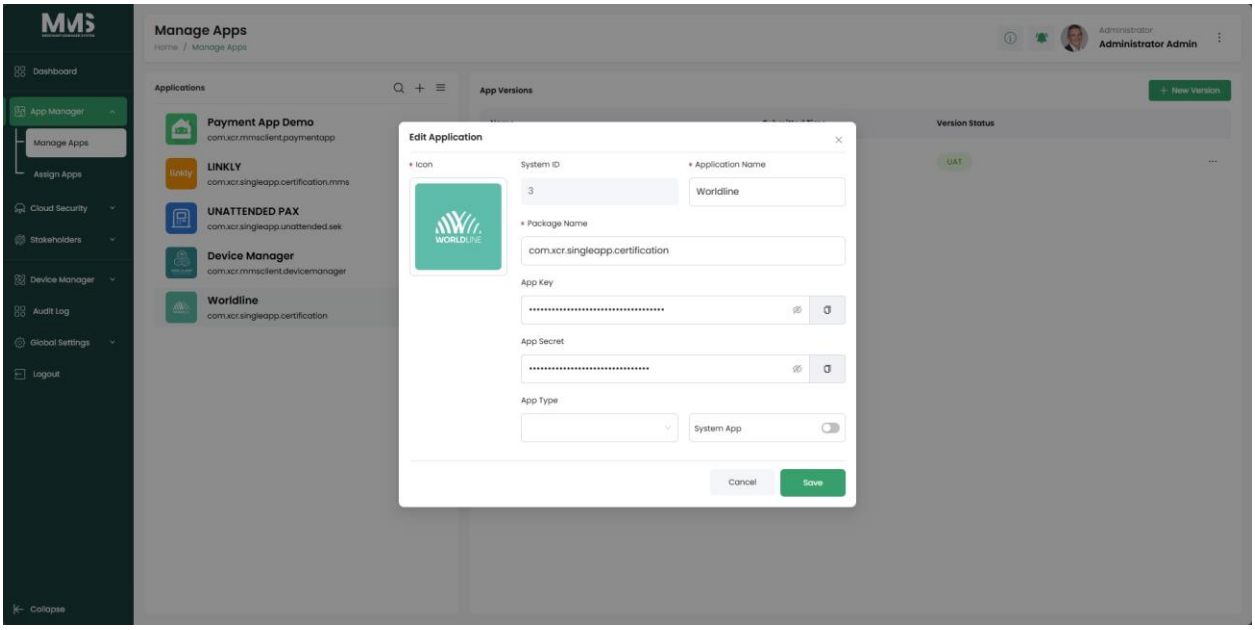
Key Capabilities

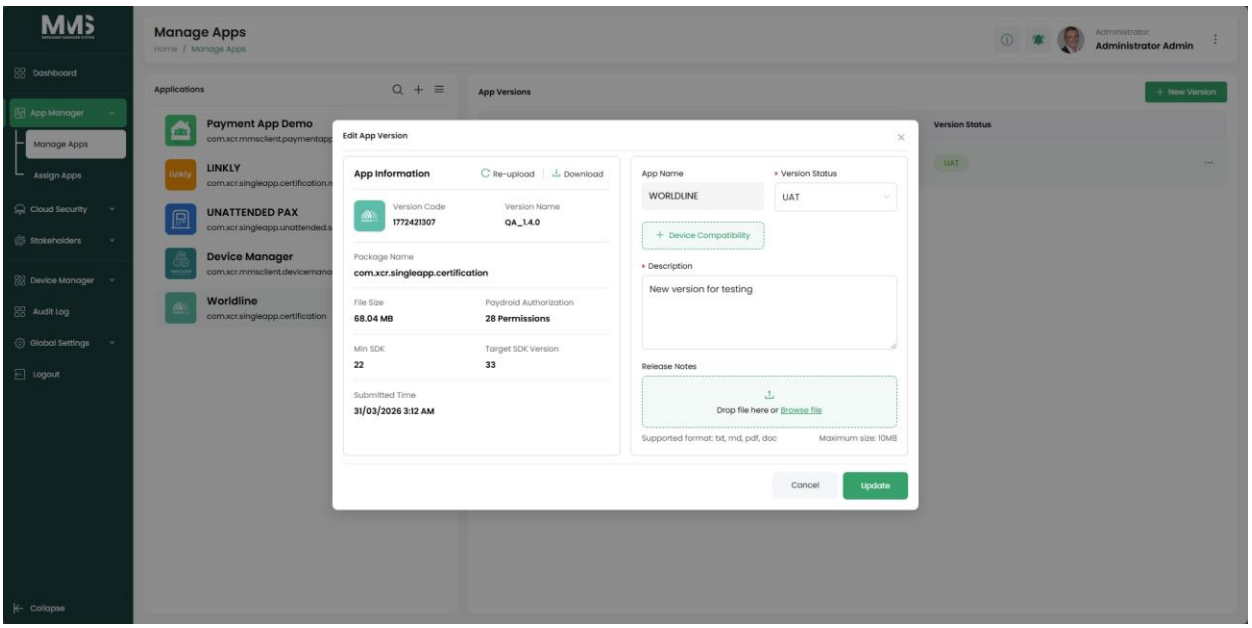
- Create and manage applications within the system
- Upload and manage multiple APK versions per application
- Automatically extract and display application metadata, including:
  - Package name
  - Application name
  - Version and build number
  - Application icon
  - …

Status: Completed

Reference Images:







2.2. Assign Applications

Description

Allows administrators to assign specific applications and application versions to companies or company groups. Based on the assigned app version, administrators can create and manage base templates to define standardized configuration settings that are applied consistently across merchants and terminals.

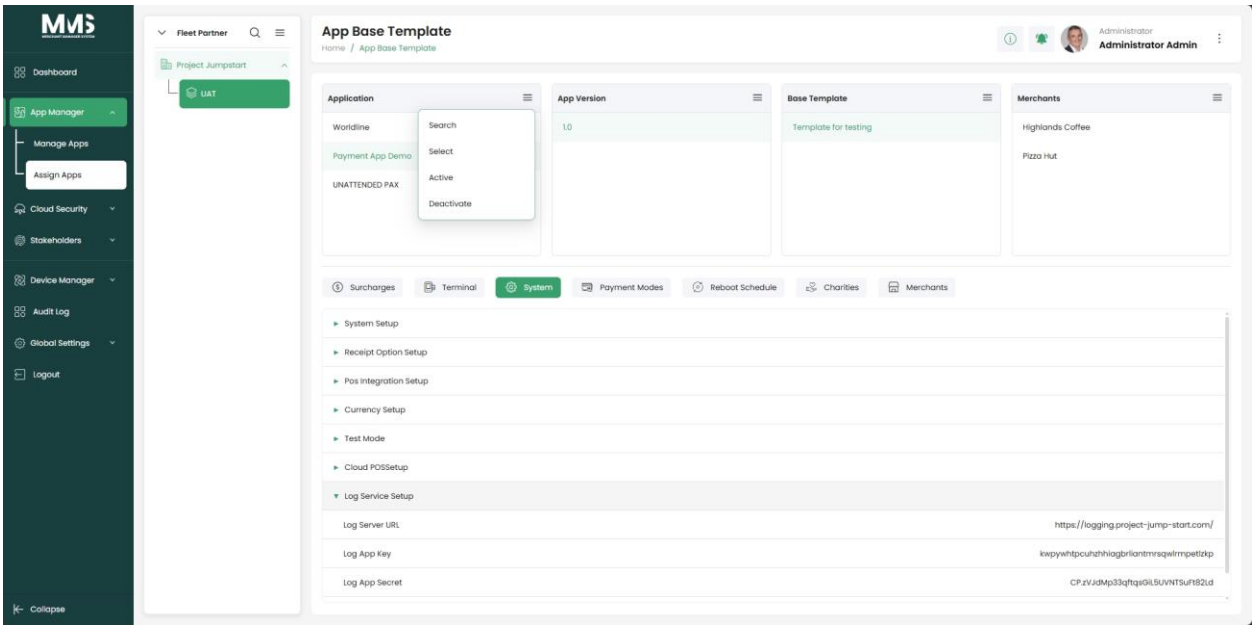
Base templates act as dynamic configuration models, enabling flexible setup of system behavior, security, and functional modules without being constrained by fixed layouts. These configurations can be reused, activated, or adjusted as needed, and are propagated to merchants and devices within the assigned scope.

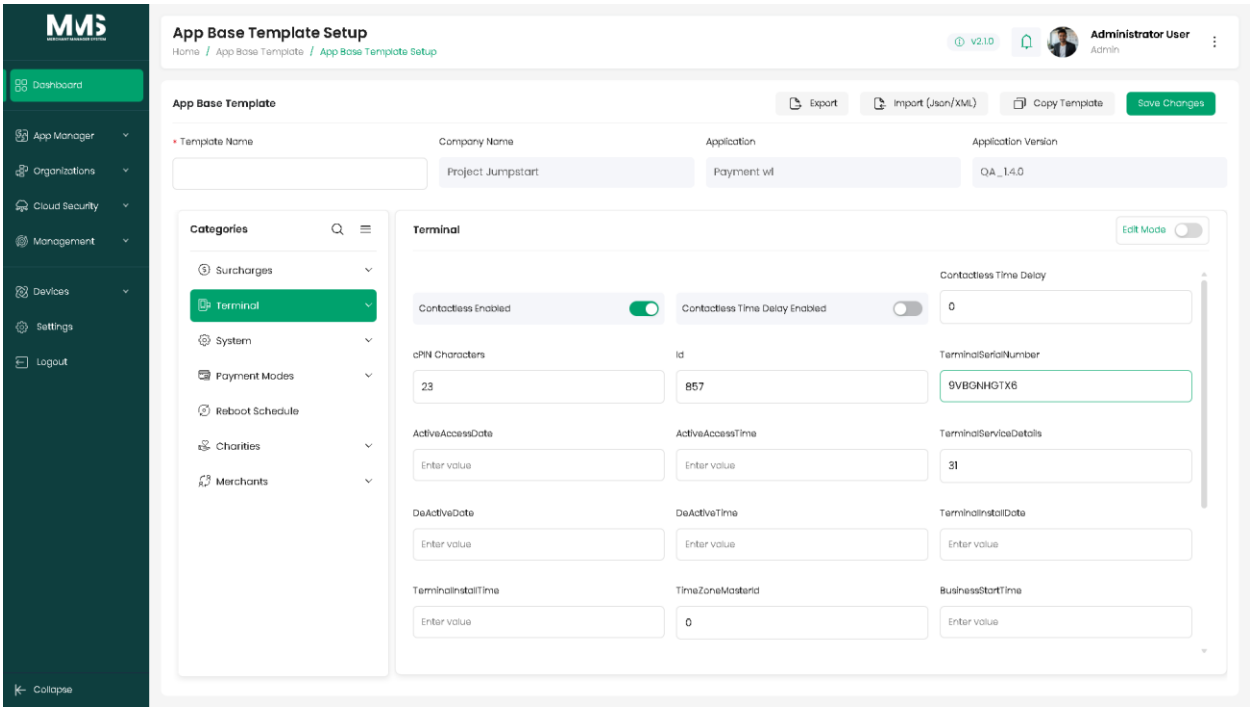
Key Capabilities

- Assign applications and specific app versions to companies or company groups
- Create and manage base templates derived from assigned app versions
- Configure company-level settings such as system setup, security, modules, and operational parameters
- Support dynamic template structures that adapt to application requirements
- Apply base templates globally to merchants and automatically propagate settings to associated terminals
- Enable activation, deactivation, and version control of base templates

Status: Completed

Reference Images:




App Base Template Setup
Home / App Base Template / App Base Template Setup
v2.1.0
Administrator User
Admin
Dashboard
App Manager
Organizations
Cloud Security
Management
Devices
Settings
Logout
Collapse
App Base Template
Export
Import (Json/XML)
Copy Template
Save Changes
* Template Name
Company Name
Project Jumpstart
Application
Payment wl
Application Version
QA_1.4.0
Categories
Surcharges
Terminal
System
Payment Modes
Reboot Schedule
Charities
Merchants
Terminal
Edit Mode
Contactless Enabled
Contactless Time Delay Enabled
Contactless Time Delay
0
cPIN Characters
23
Id
857
TerminalSerialNumber
9VBGNHGTX6
ActiveAccessDate
ActiveAccessTime
TerminalServiceDetails
31
DeActiveDate
DeActiveTime
TerminalInstallDate
TerminalInstallTime
TimeZoneMasterId
0
BusinessStartTime
Enter value

3. Cloud Security

3.1. Cloud Security Template

Description

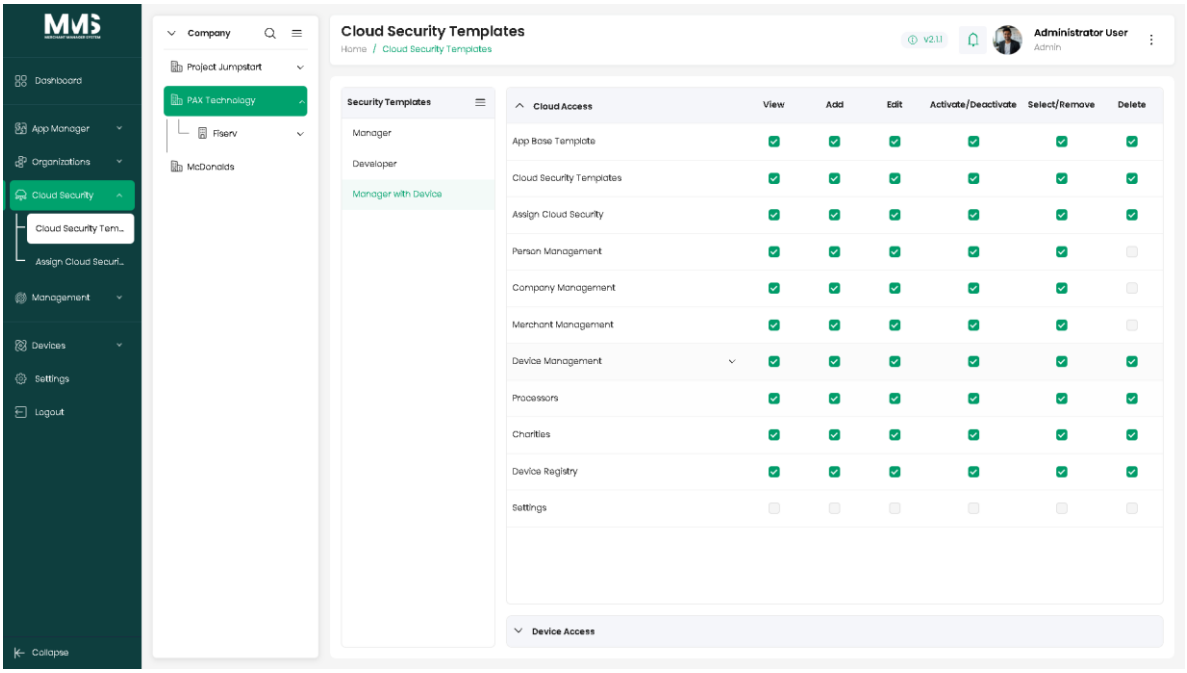
Allows administrators to define reusable permission templates that represent roles within a company, such as managers or operators. Each template specifies what actions users can perform in the cloud system and which devices they are allowed to manage. These templates can be applied to multiple users at once, ensuring consistent access control without configuring permissions individually for each user.

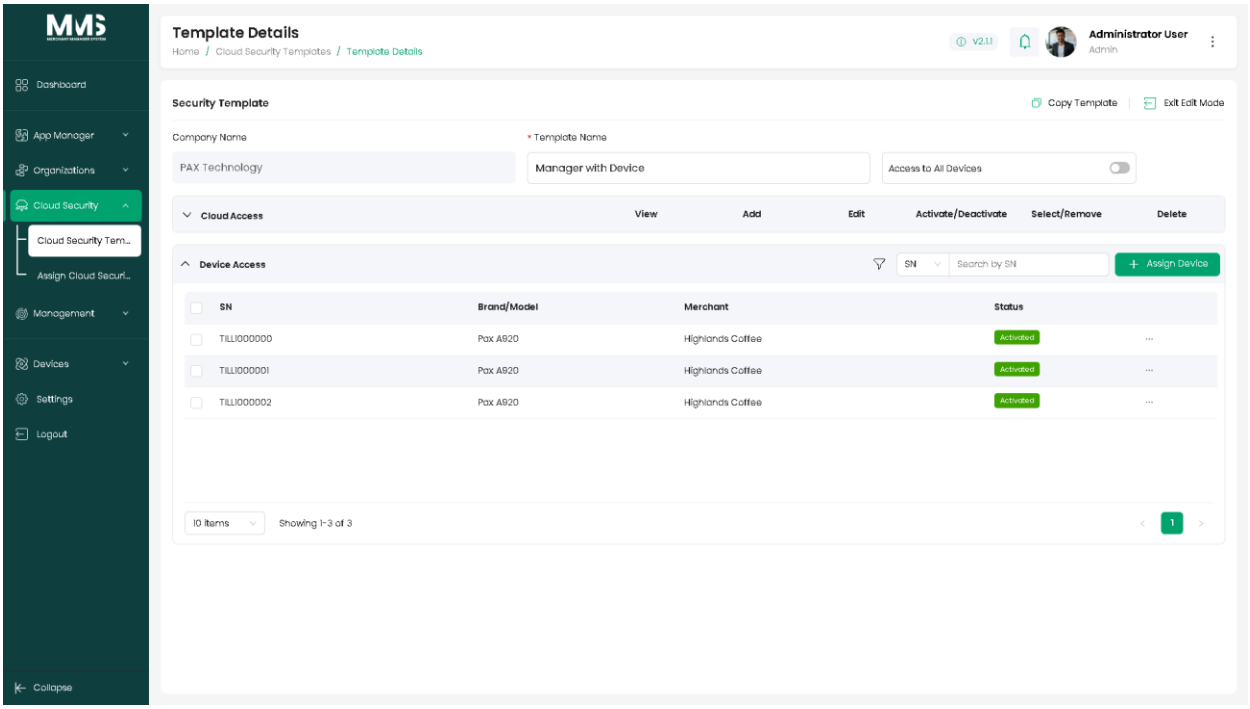
Key Capabilities

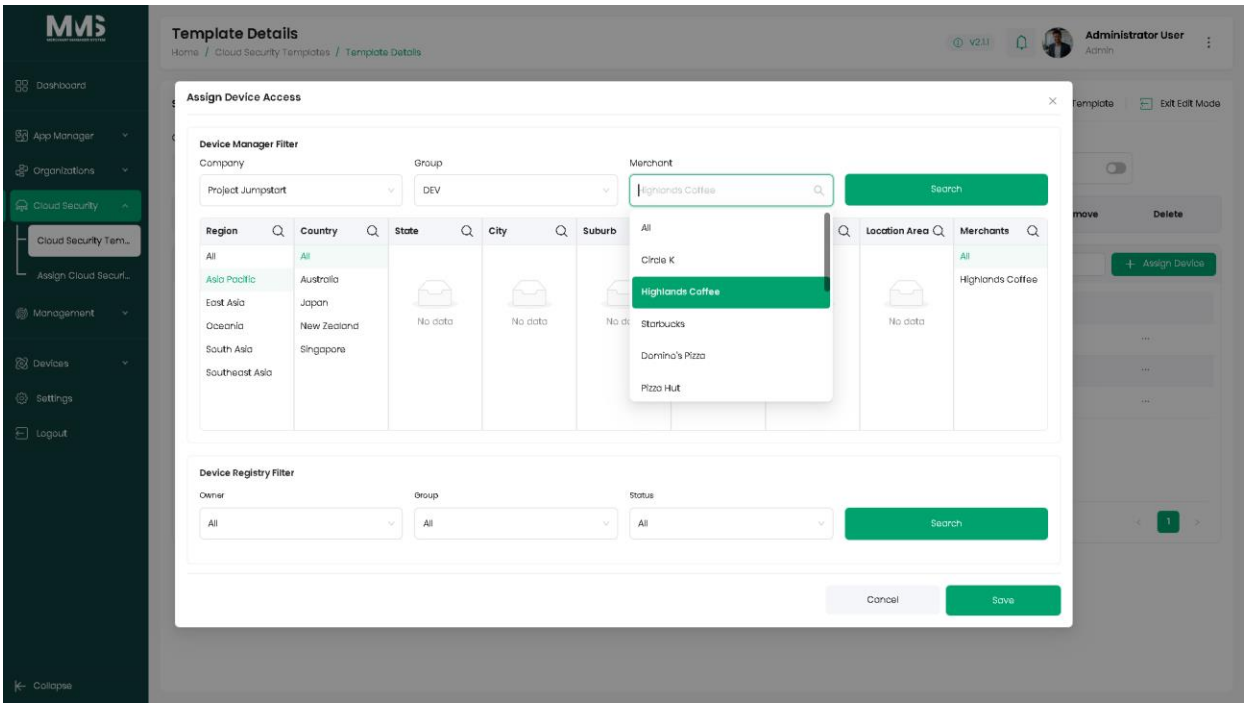
- Create role-based permission templates at the company or group level
- Define allowed actions across cloud modules and system functions
- Restrict or grant access to specific devices within the assigned scope
- Simplify user onboarding and permission management through reusable templates

Status: Completed

Reference Images:




Template Details
Home / Cloud Security Templates / Template Details
Administrator User
Admin
Dashboard
App Manager
Organizations
Cloud Security
Cloud Security Tem...
Assign Cloud Securi...
Management
Devices
Settings
Logout
Collapse
Security Template
Copy Template
Exit Edit Mode
Company Name
PAX Technology
* Template Name
Manager with Device
Access to All Devices
Cloud Access
View
Add
Edit
Activate/Deactivate
Select/Remove
Delete
Device Access
SN
Search by SN
Assign Device
SN
Brand/Model
Merchant
Status
TILLI000000
Pax A920
Highlands Coffee
Activated
TILLI000001
Pax A920
Highlands Coffee
Activated
TILLI000002
Pax A920
Highlands Coffee
Activated
10 Items
Showing 1-3 of 3
1


Template Details
Home / Cloud Security Templates / Template Details
Administrator User
Admin
Assign Device Access
Device Manager Filter
Company
Project Jumpstart
Group
DEV
Merchant
Highlands Coffee
Search
Region
Country
State
City
Suburb
Location Area
Merchants
All
Asia Pacific
East Asia
Oceania
South Asia
Southeast Asia
Australia
Japan
New Zealand
Singapore
No data
All
Circle K
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Starbucks
Domino's Pizza
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Highlands Coffee
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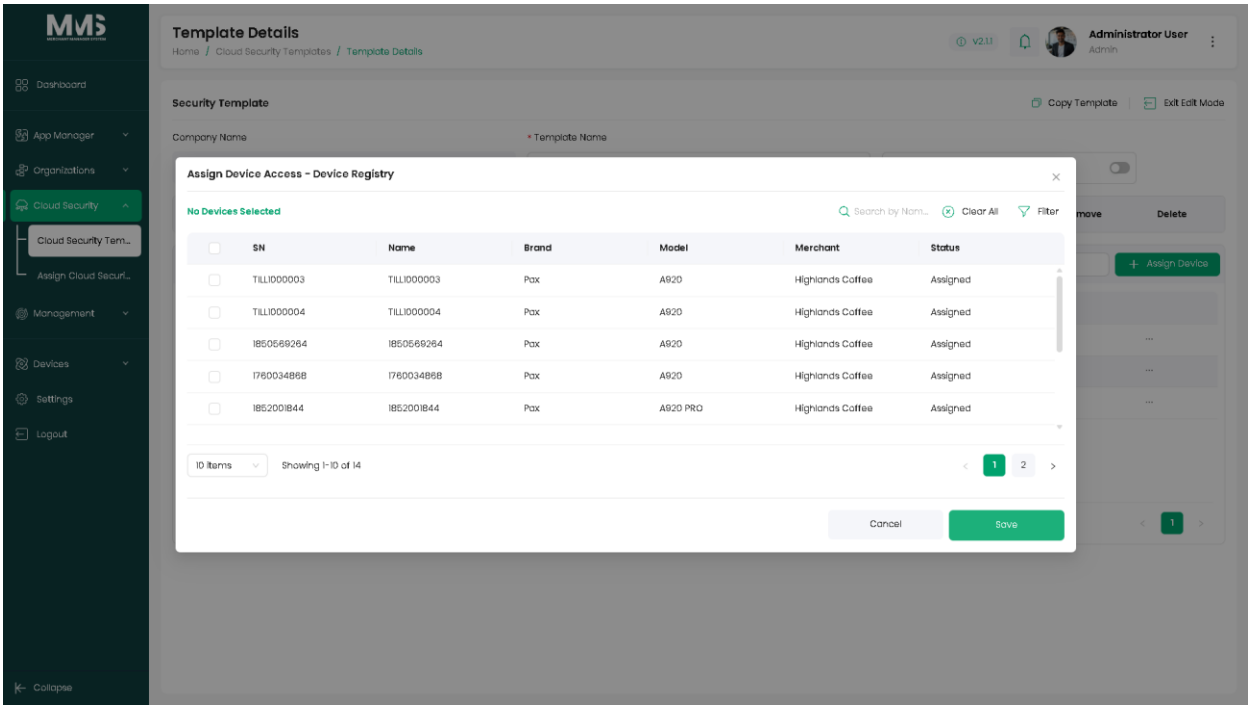
Owner
Group
Status
All
Search
Cancel
Save



3.2. Assign Cloud Security - Restrict Access

Description

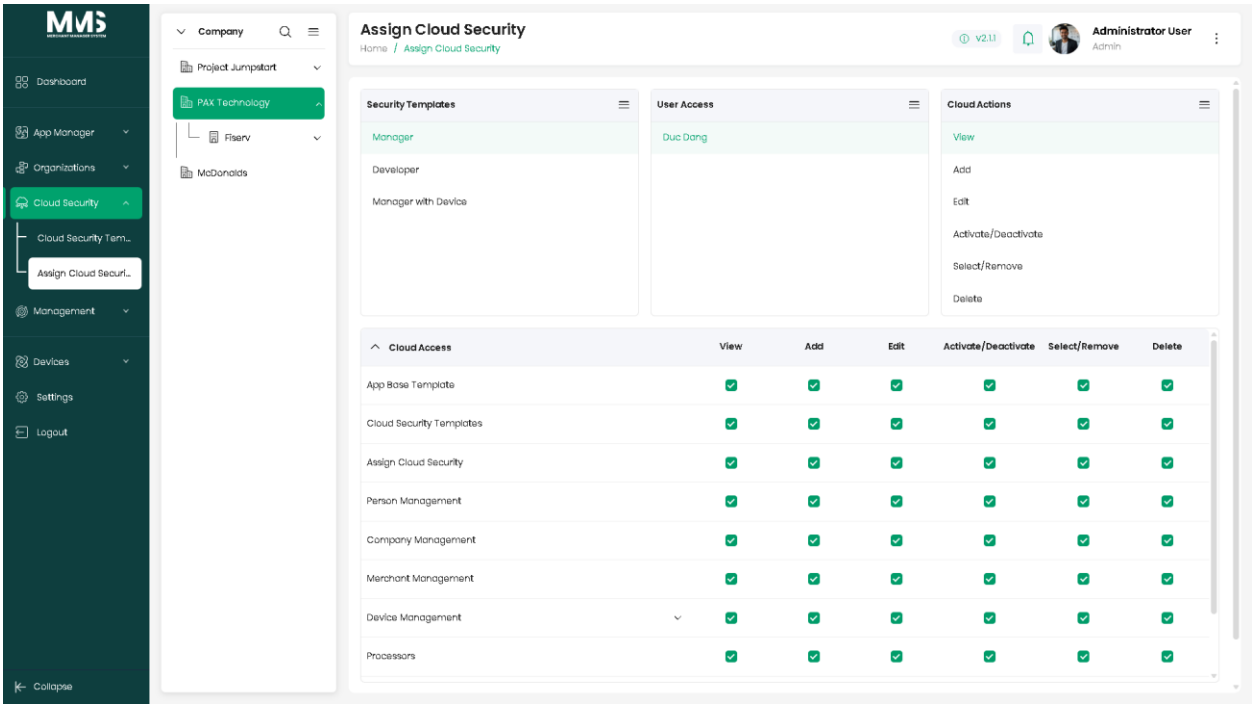
Allows administrators to assign company- or group-specific security templates to users, enabling consistent and role-based access control across the system. Assigned users automatically inherit all permissions defined in the selected security template upon login.

Key Capabilities

- Assign security templates to users within a selected company or group
- Apply predefined role-based permissions across cloud modules and device management
- Support bulk user assignment to simplify access management
- Automatically enforce template permissions when users access the system

Status: **Completed**

Reference Images:


MMS
Dashboard
App Manager
Organizations
Cloud Security
Cloud Security Tem...
Assign Cloud Securi...
Management
Devices
Settings
Logout
Collapse
Company
Project Jumpstart
PAX Technology
Fiserv
McDonalds
Assign Cloud Security
Home / Assign Cloud Security
v2.1.1
Administrator User
Admin
Security Templates
Manager
Developer
Manager with Device
User Access
Duc Dang
Cloud Actions
View
Add
Edit
Activate/Deactivate
Select/Remove
Delete
Cloud Access
View
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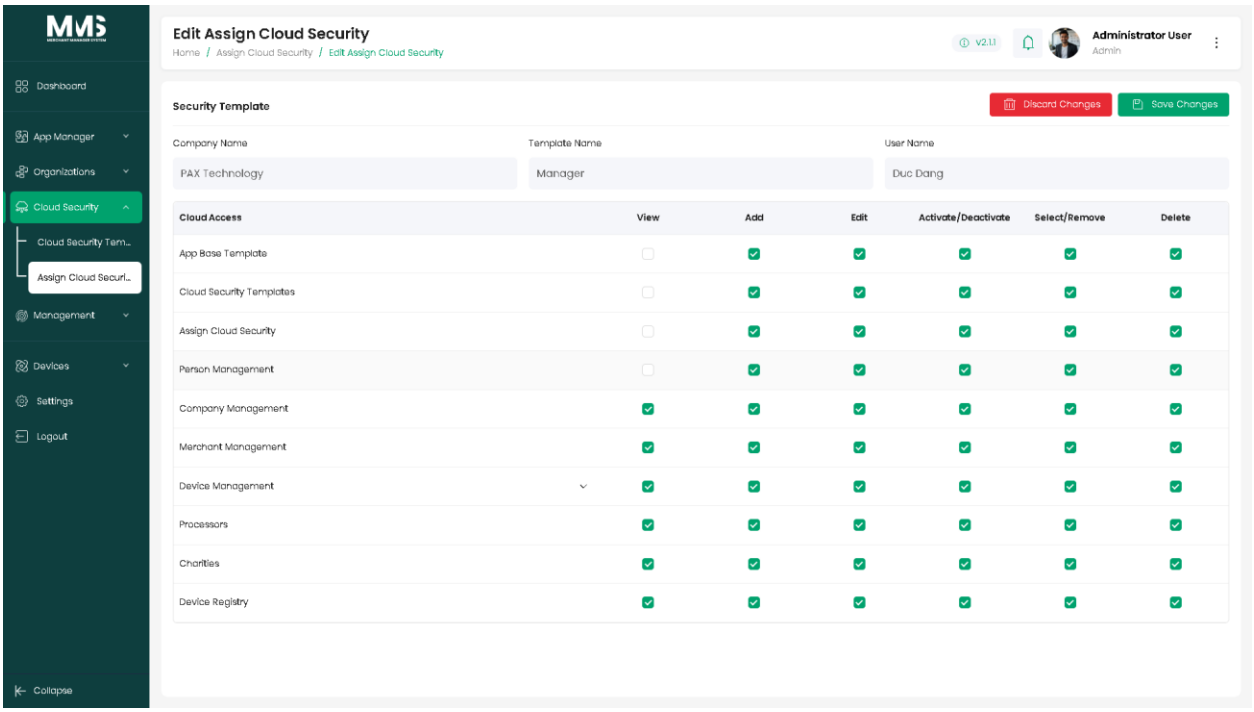
Edit
Activate/Deactivate
Select/Remove
Delete
App Base Template
Cloud Security Templates
Assign Cloud Security
Person Management
Company Management
Merchant Management
Device Management
Processors


MMS
Dashboard
App Manager
Organizations
Cloud Security
Cloud Security Tem...
Assign Cloud Securi...
Management
Devices
Settings
Logout
Collapse
Edit Assign Cloud Security
Home / Assign Cloud Security / Edit Assign Cloud Security
v2.1.1
Administrator User
Admin
Security Template
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Company Name
PAX Technology
Template Name
Manager
User Name
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Cloud Access
View
Add
Edit
Activate/Deactivate
Select/Remove
Delete
App Base Template
Cloud Security Templates
Assign Cloud Security
Person Management
Company Management
Merchant Management
Device Management
Processors
Charities
Device Registry

4. Stakeholders (Person, Company, Merchant…)

4.1. Person

Description

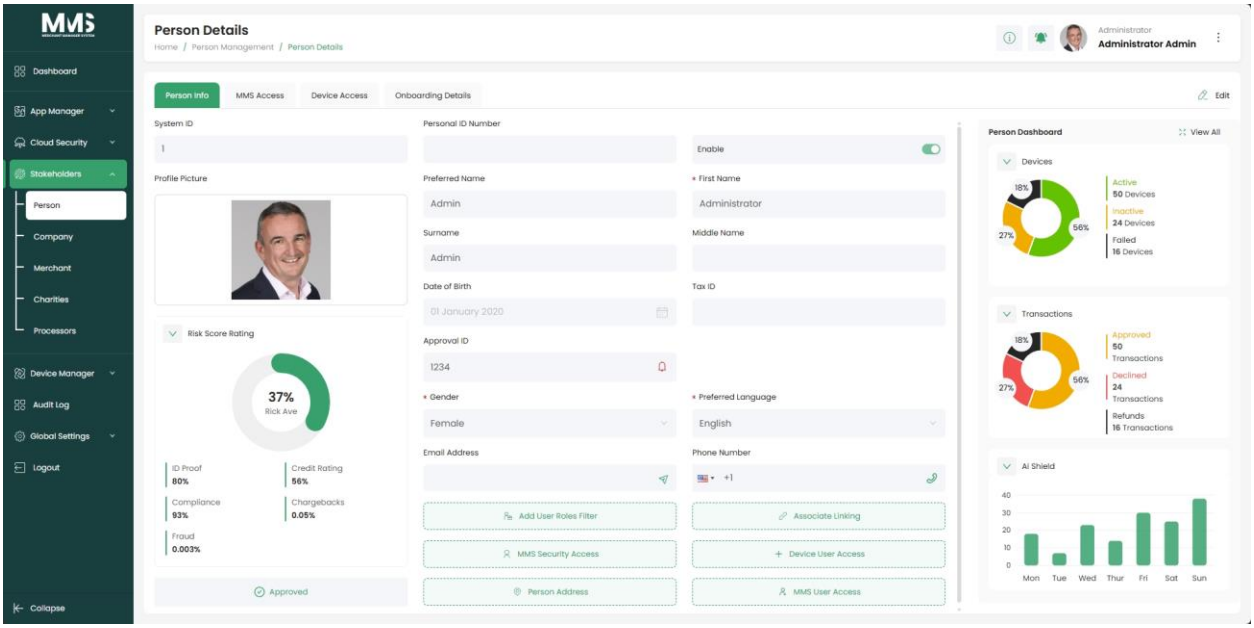
Provides centralized management of system users, allowing administrators to create, update, and maintain user accounts within the cloud system. Person Management supports user information management, access control, and account security across companies and assigned device scopes.

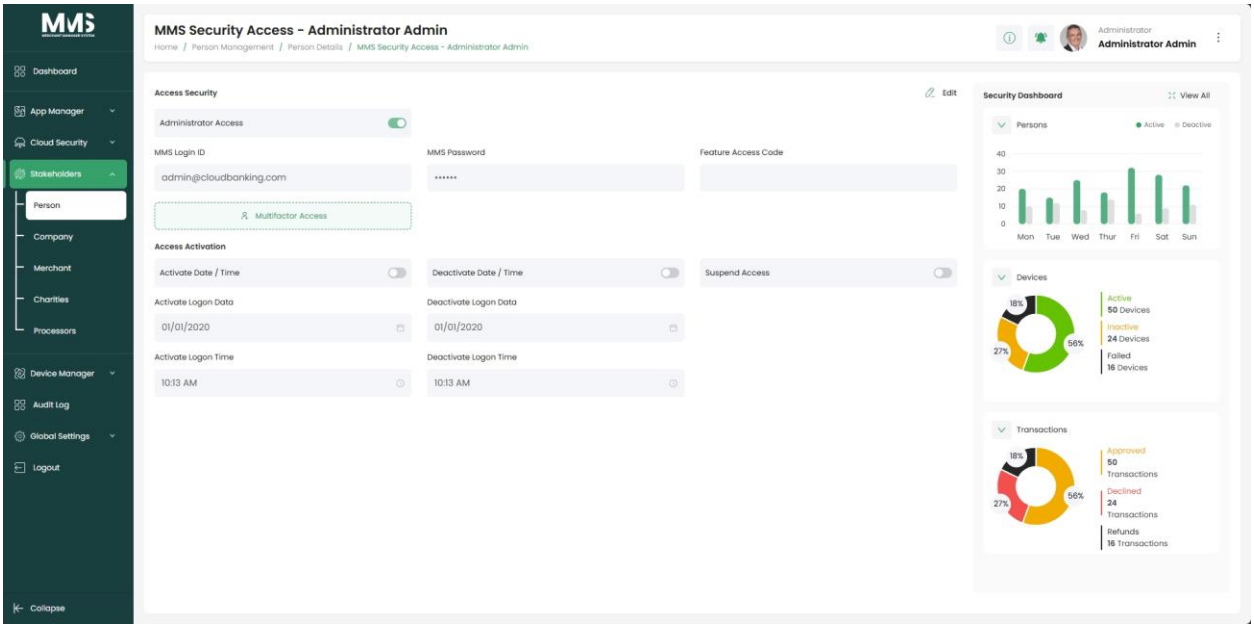
Key Capabilities

- Create, edit, and delete user (person) accounts
- Manage user profile information such as name, email, and account status
- Lock and unlock user accounts to control system access
- Configure user access settings, including roles and security templates
- Manage user authentication settings, including password configuration
- View user activity details such as last login information
- Monitor operational scope, including the number of devices managed by each user

Status: Completed

Reference Images:




MMS Security Access - Administrator Admin
Home / Person Management / Person Details / MMS Security Access - Administrator Admin
Administrator
Administrator Admin
Dashboard
App Manager
Cloud Security
Stakeholders
Person
Company
Merchant
Charities
Processors
Device Manager
Audit Log
Global Settings
Logout
Collapse
Access Security
Edit
Administrator Access
MMS Login ID
admin@cloudbanking.com
MMS Password
Feature Access Code
Multifactor Access
Access Activation
Activate Date / Time
Deactivate Date / Time
Suspend Access
Activate Logon Data
01/01/2020
Deactivate Logon Data
01/01/2020
Activate Logon Time
10:13 AM
Deactivate Logon Time
10:13 AM
Security Dashboard
View All
Persons
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Deactive
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30
20
10
0
Mon
Tue
Wed
Thur
Fri
Sat
Sun
Devices
18%
56%
27%
Active
50 Devices
Inactive
24 Devices
Failed
16 Devices
Transactions
18%
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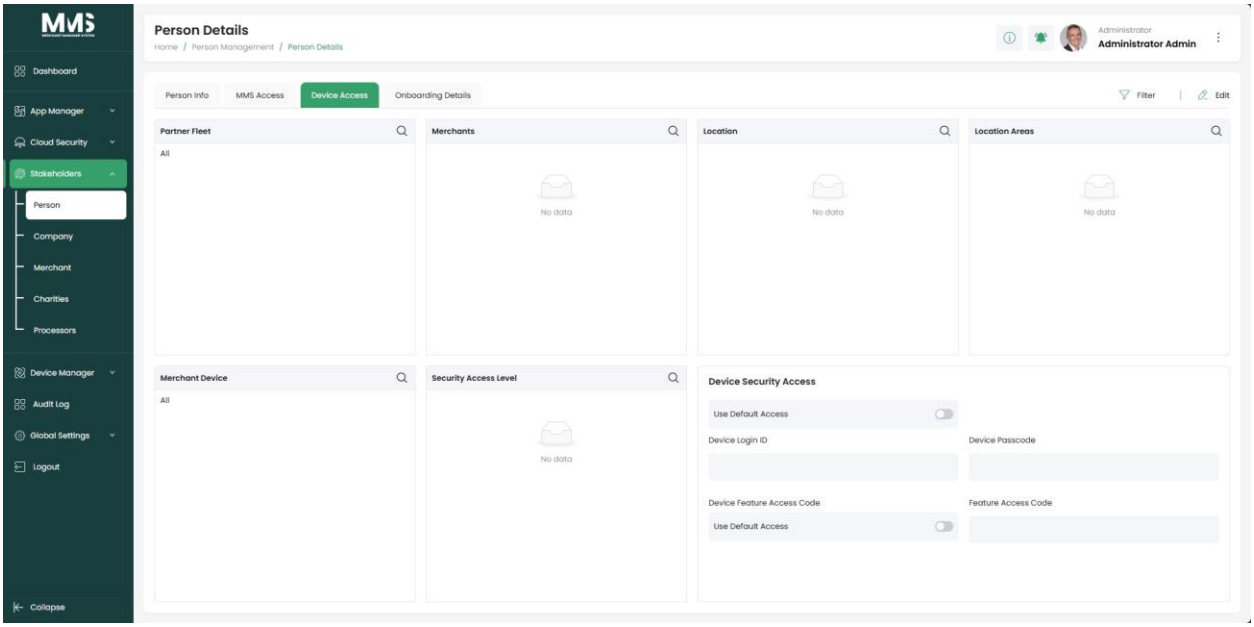
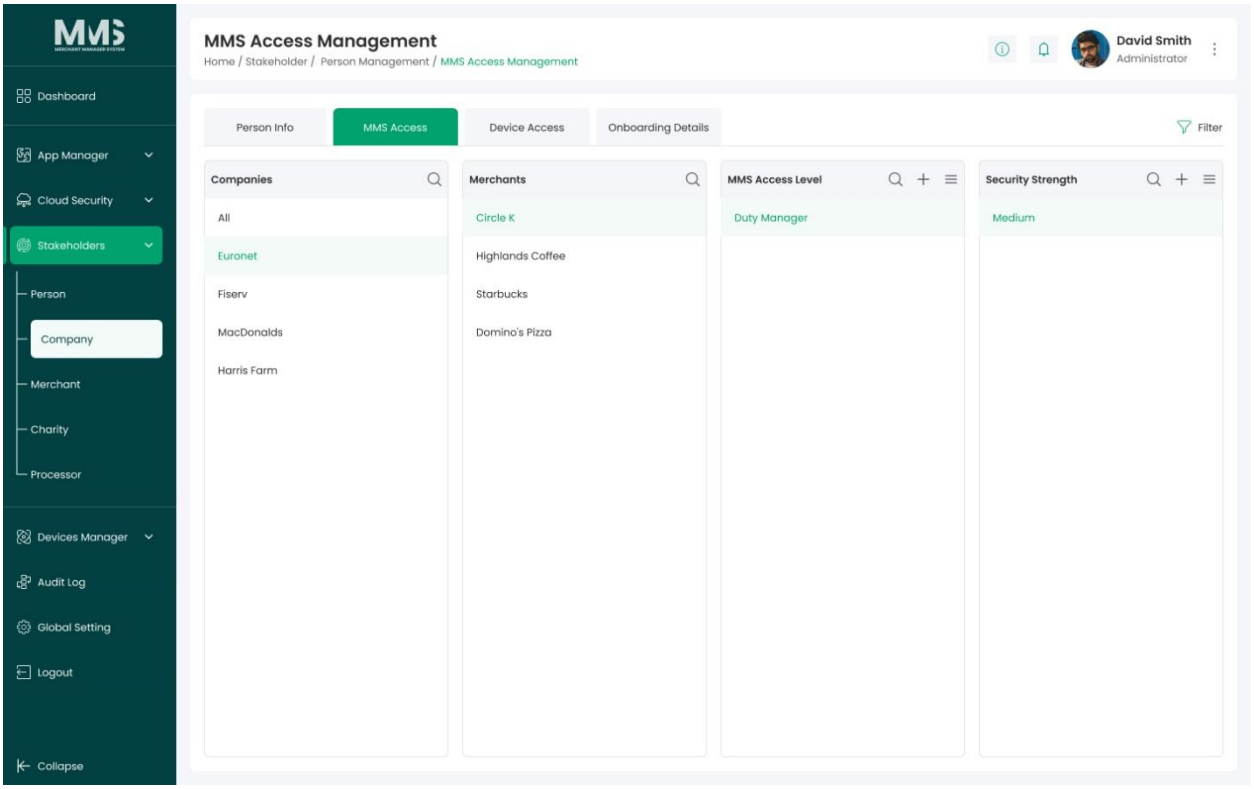
27%
Approved
50
Transactions
Declined
24
Transactions
Refunds
16 Transactions


Person Details
Home / Person Management / Person Details
Administrator
Administrator Admin
Dashboard
App Manager
Cloud Security
Stakeholders
Person
Company
Merchant
Charities
Processors
Device Manager
Audit Log
Global Settings
Logout
Collapse
Person Info
MMS Access
Device Access
Onboarding Details
Filter
Edit
Partner Fleet
All
Merchants
No data
Location
No data
Location Areas
No data
Merchant Device
All
Security Access Level
No data
Device Security Access
Use Default Access
Device Login ID
Device Passcode
Device Feature Access Code
Use Default Access
Feature Access Code



4.2. Company

Description

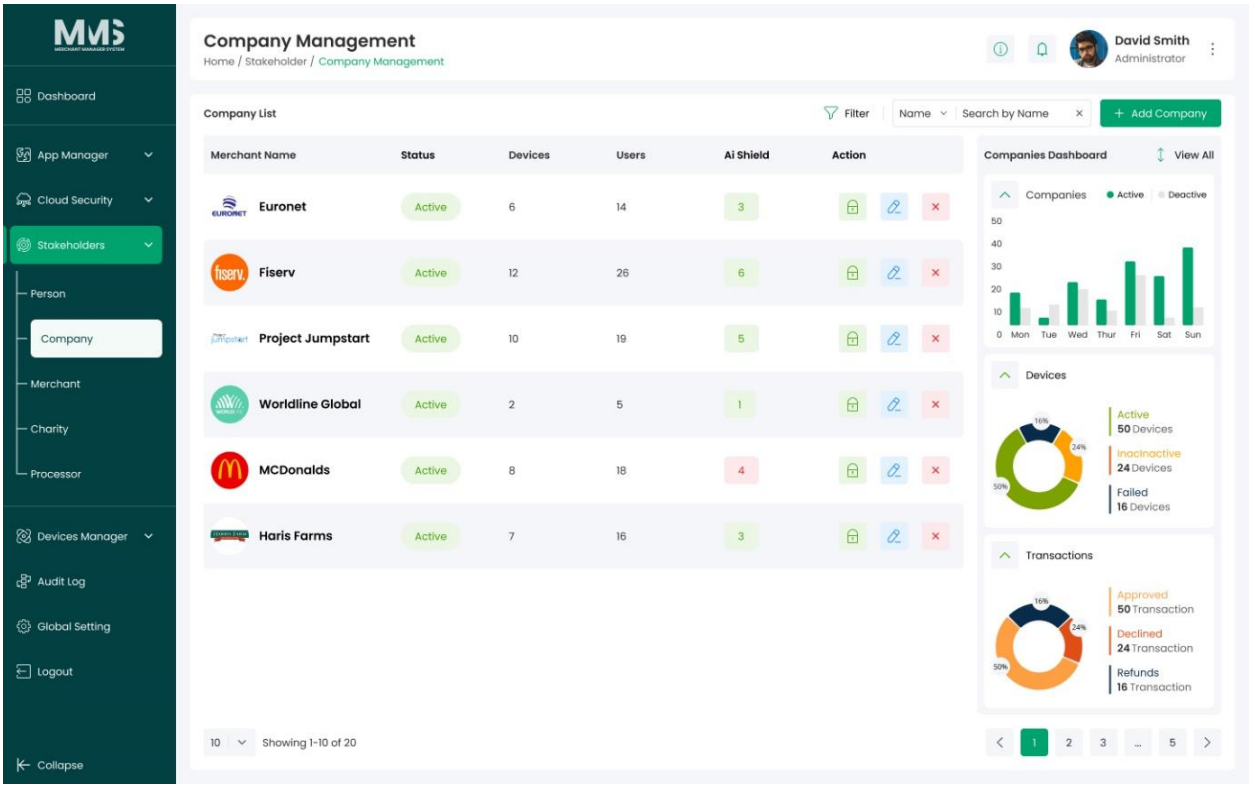
Provides centralized management of companies within the system, allowing administrators to create, maintain, and control organizational entities. Company Management defines the organizational scope used for user access, security templates, and terminal operations.

Key Capabilities

- Create, update, and delete company records
- Manage company profile information such as name, contact details, and status
- Lock or unlock company accounts to control system access
- Assign users (persons) to companies to enable company-specific access

Status: **Completed**

Reference Images:


Company Management
Home / Stakeholder / Company Management
David Smith
Administrator
Dashboard
App Manager
Cloud Security
Stakeholders
Person
Company
Merchant
Charity
Processor
Devices Manager
Audit Log
Global Setting
Logout
Collapse
Company List
Filter
Name
Search by Name
Add Company
Merchant Name
Status
Devices
Users
Ai Shield
Action
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Active
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14
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Fiserv
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26
6
Project Jumpstart
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19
5
Worldline Global
Active
2
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1
MCDonalds
Active
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18
4
Haris Farms
Active
7
16
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Showing 1-10 of 20
Companies Dashboard
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Companies
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Deactive
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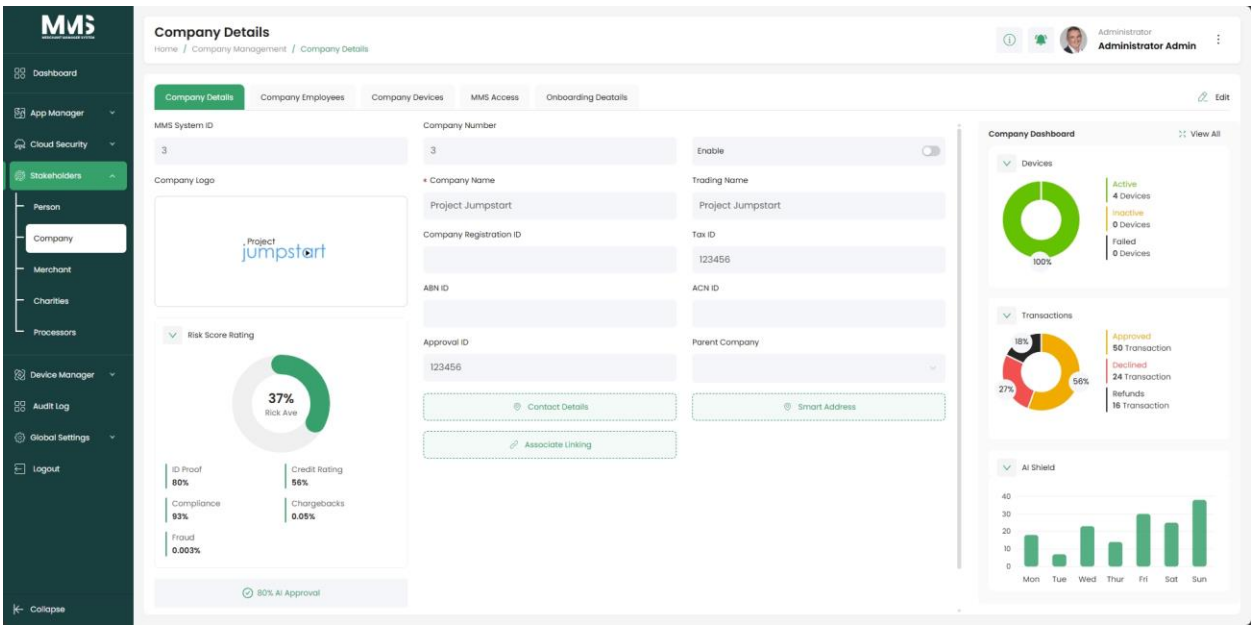
16 Transaction


Company Details
Home / Company Management / Company Details
Administrator
Administrator Admin
Company Details
Company Employees
Company Devices
MMS Access
Onboarding Deatails
Edit
MMS System ID
Company Number
Enable
Company Logo
Company Name
Project Jumpstart
Trading Name
Project Jumpstart
Company Registration ID
Tax ID
123456
ABN ID
ACN ID
Approval ID
123456
Parent Company
Contact Details
Smart Address
Associate Linking
Risk Score Rating
37%
Risk Ave
ID Proof
80%
Credit Rating
56%
Compliance
93%
Chargebacks
0.05%
Fraud
0.003%
80% AI Approval
Company Dashboard
View All
Devices
Active
4 Devices
Inactive
0 Devices
Failed
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Transactions
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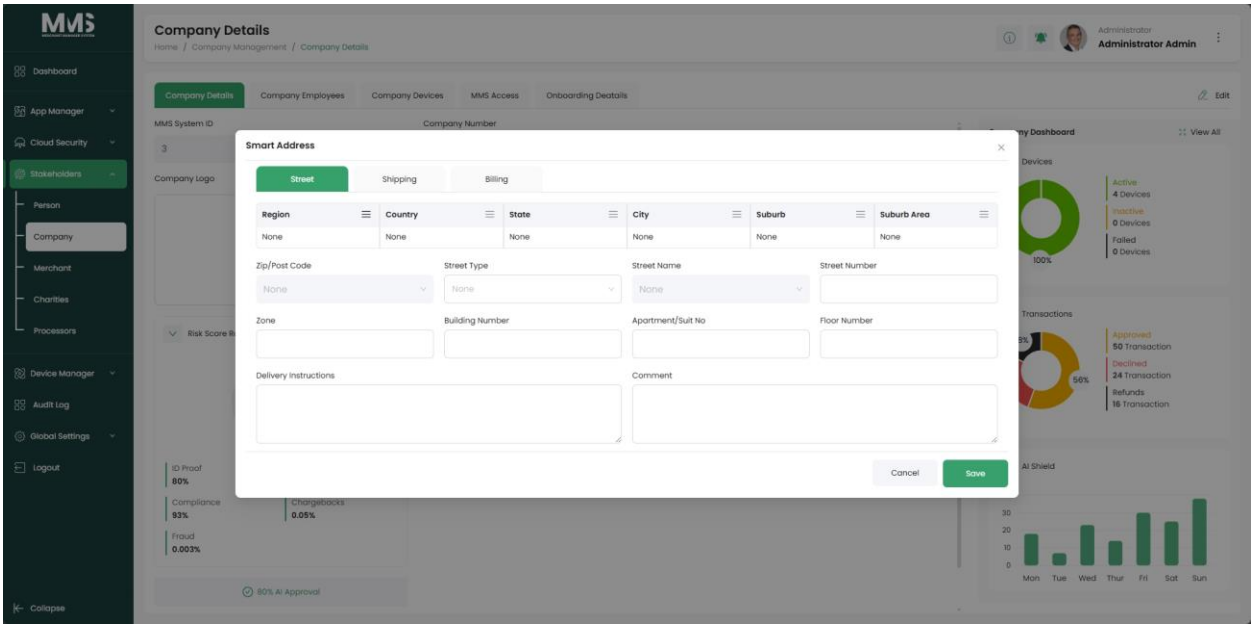
Declined
24 Transaction
Refunds
16 Transaction
AI Shield
Mon Tue Wed Thur Fri Sat Sun


Company Details
Smart Address
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Shipping
Billing
Region
Country
State
City
Suburb
Suburb Area
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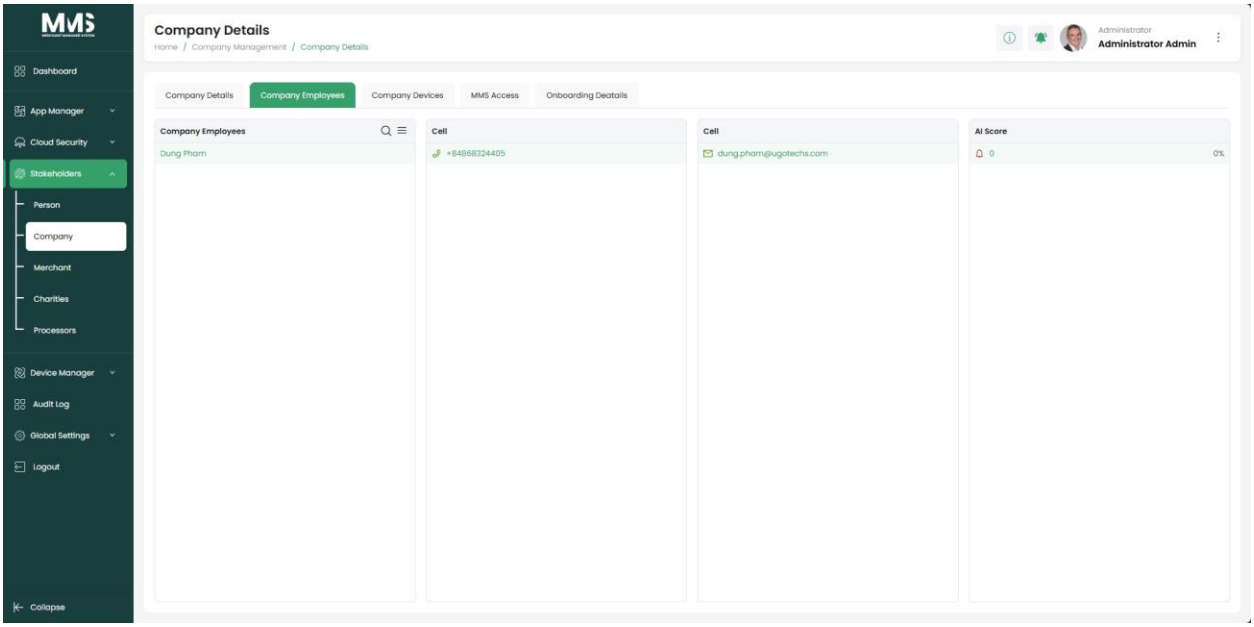
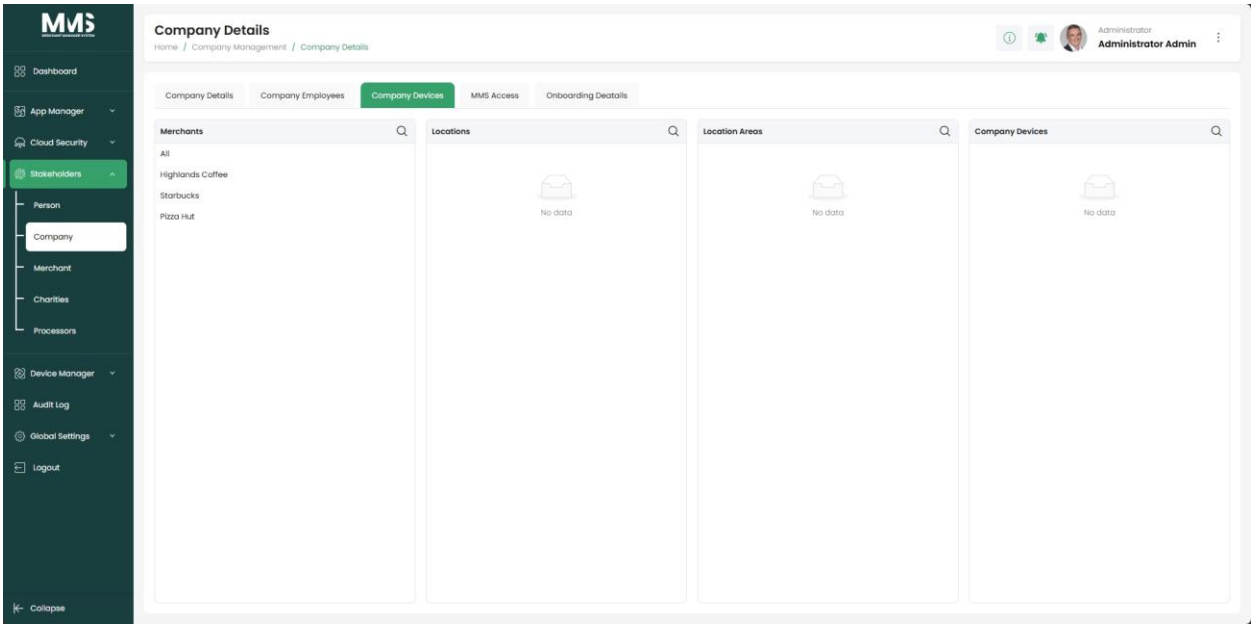
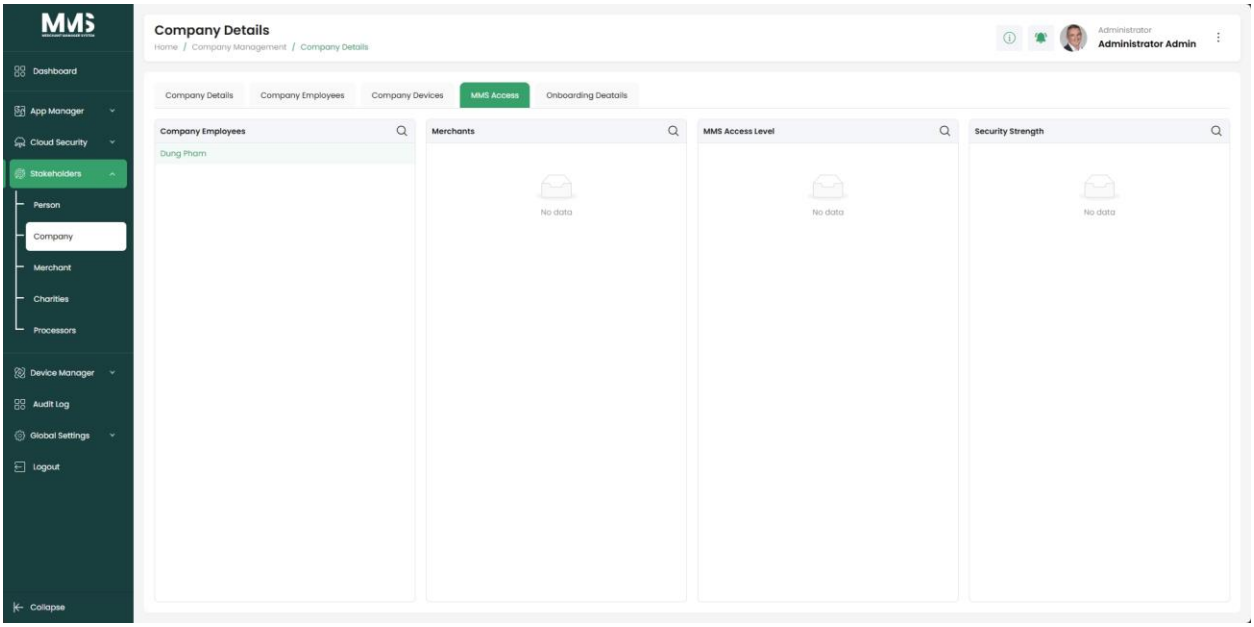
Street Type
Street Name
Street Number
Zone
Building Number
Apartment/Suit No
Floor Number
Delivery Instructions
Comment
Cancel
Save


Company Details
Company Details
Company Employees
Company Devices
MMS Access
Onboarding Deatails
Dung Pham
+84868324405
dung.pham@ugotechs.com





4.3. Merchant

Description

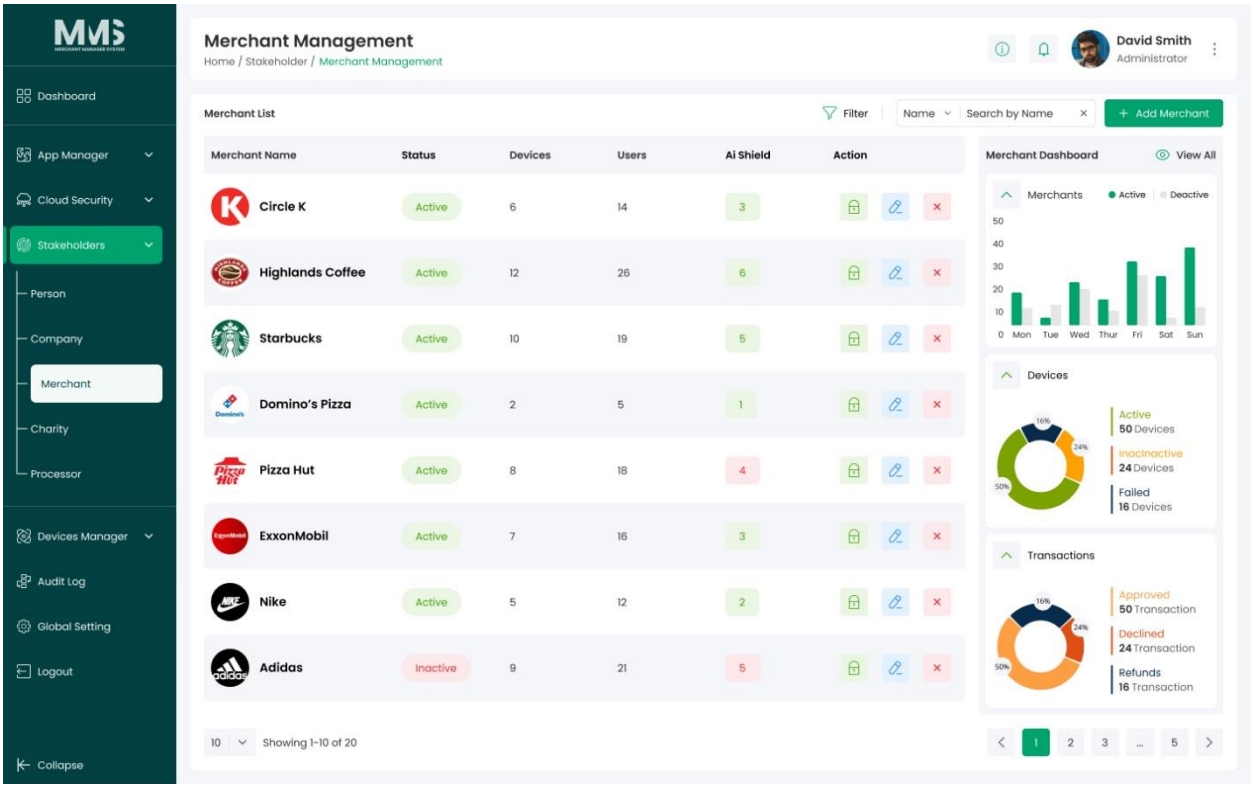
Provides centralized management of merchants within the system, enabling administrators to maintain merchant profiles, control account status, and monitor operational performance. Merchant Management serves as the primary layer for organizing terminals, users, and merchant-level configurations.

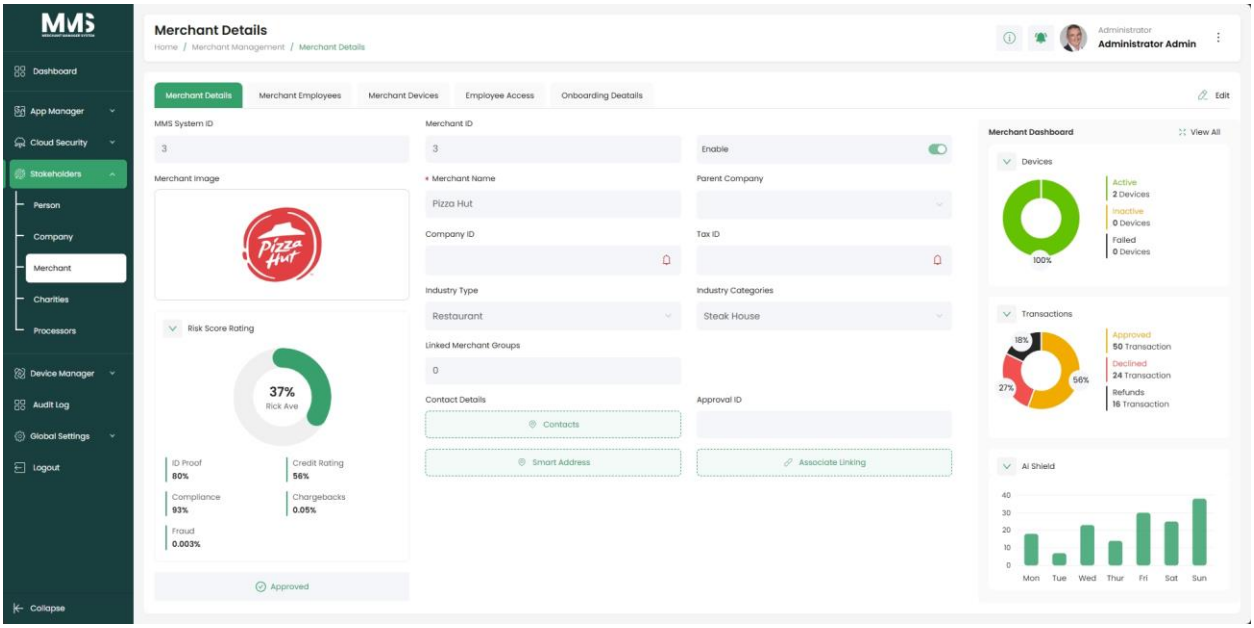
Key Capabilities

- View and manage a centralized list of merchants
- Create, update, and maintain merchant profiles
- Activate or deactivate merchant accounts
- Search and filter merchants by defined criteria
- View comprehensive merchant details and related entities
- Monitor operational metrics, including:
  - Number of assigned devices
  - Number of associated users
  - Status of AI-enabled features
- Access visual insights and reports, such as:
  - Merchant activity overview
  - Device distribution
  - Transaction statistics

Status: **Completed**

Reference Images:




Merchant Details
Home / Merchant Management / Merchant Details
Administrator Admin
Dashboard
App Manager
Cloud Security
Stakeholders
Person
Company
Merchant
Charities
Processors
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Audit Log
Global Settings
Logout
Collapse
Merchant Details
Merchant Employees
Merchant Devices
Employee Access
Onboarding Deatails
Edit
MMS System ID
Merchant ID
Enable
Merchant Image
Merchant Name
Pizza Hut
Parent Company
Company ID
Tax ID
Industry Type
Restaurant
Industry Categories
Steak House
Linked Merchant Groups
Contact Details
Contacts
Smart Address
Approval ID
Associate Linking
Risk Score Rating
37%
Rick Ave
ID Proof 80%
Credit Rating 56%
Compliance 93%
Chargebacks 0.05%
Fraud 0.003%
Approved
Merchant Dashboard
View All
Devices
Active 2 Devices
Inactive 0 Devices
Failed 0 Devices
100%
Transactions
18%
27%
56%
Approved 50 Transaction
Declined 24 Transaction
Refunds 16 Transaction
AI Shield
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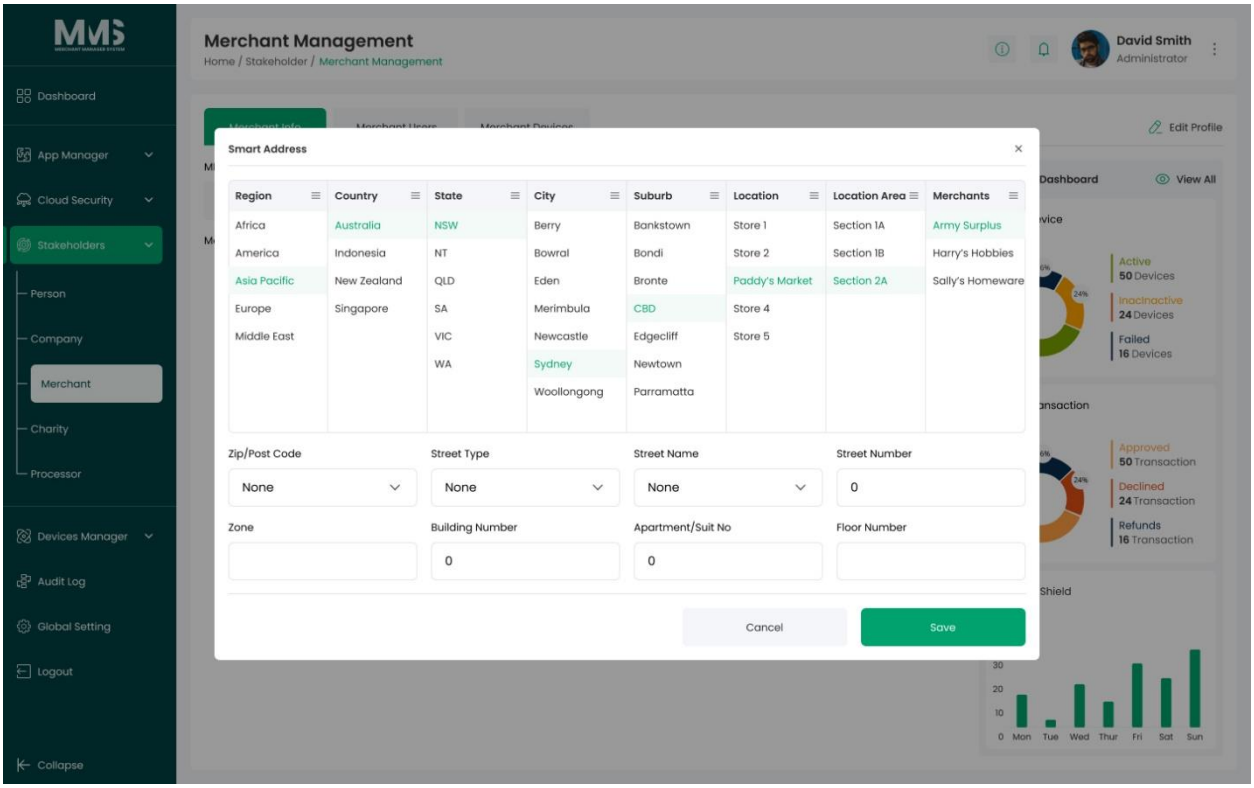
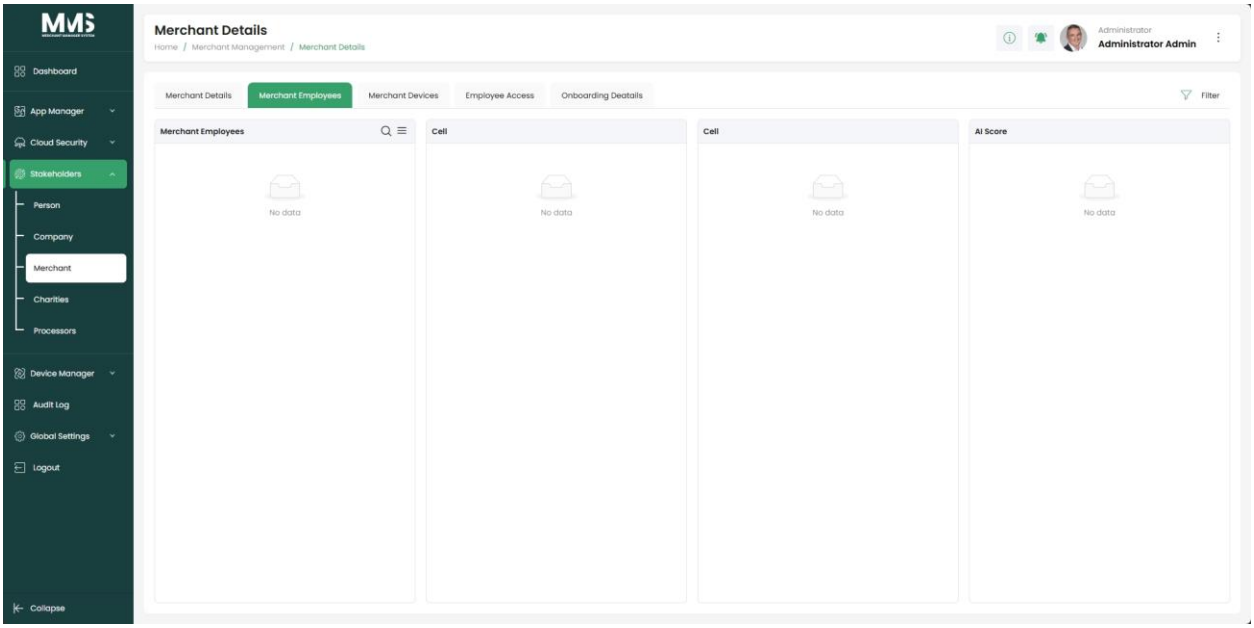

Merchant Management
Home / Stakeholder / Merchant Management
David Smith
Administrator
Edit Profile
Smart Address
Region
Country
State
City
Suburb
Location
Location Area
Merchants
Africa
Australia
NSW
Berry
Bankstown
Store 1
Section 1A
Army Surplus
America
Indonesia
NT
Bowral
Bondi
Store 2
Section 1B
Harry's Hobbies
Asia Pacific
New Zealand
QLD
Eden
Bronte
Paddy's Market
Section 2A
Sally's Homeware
Europe
Singapore
SA
Merimbula
CBD
Store 4
Middle East
VIC
Newcastle
Edgecliff
Store 5
WA
Sydney
Newtown
Woollongong
Parramatta
Zip/Post Code
None
Street Type
None
Street Name
None
Street Number
0
Zone
Building Number
0
Apartment/Suit No
0
Floor Number
Cancel
Save
Dashboard
View All
Active 50 Devices
Inactive 24 Devices
Failed 16 Devices
Approved 50 Transaction
Declined 24 Transaction
Refunds 16 Transaction
Mon Tue Wed Thur Fri Sat Sun


MMS
Dashboard
App Manager
Cloud Security
Stakeholders
Person
Company
Merchant
Charities
Processors
Device Manager
Audit Log
Global Settings
Logout
Collapse
Merchant Details
Home / Merchant Management / Merchant Details
Administrator
Administrator Admin
Merchant Details
Merchant Employees
Merchant Devices
Employee Access
Onboarding Deatails
Filter
Merchant Employees
Cell
Cell
AI Score
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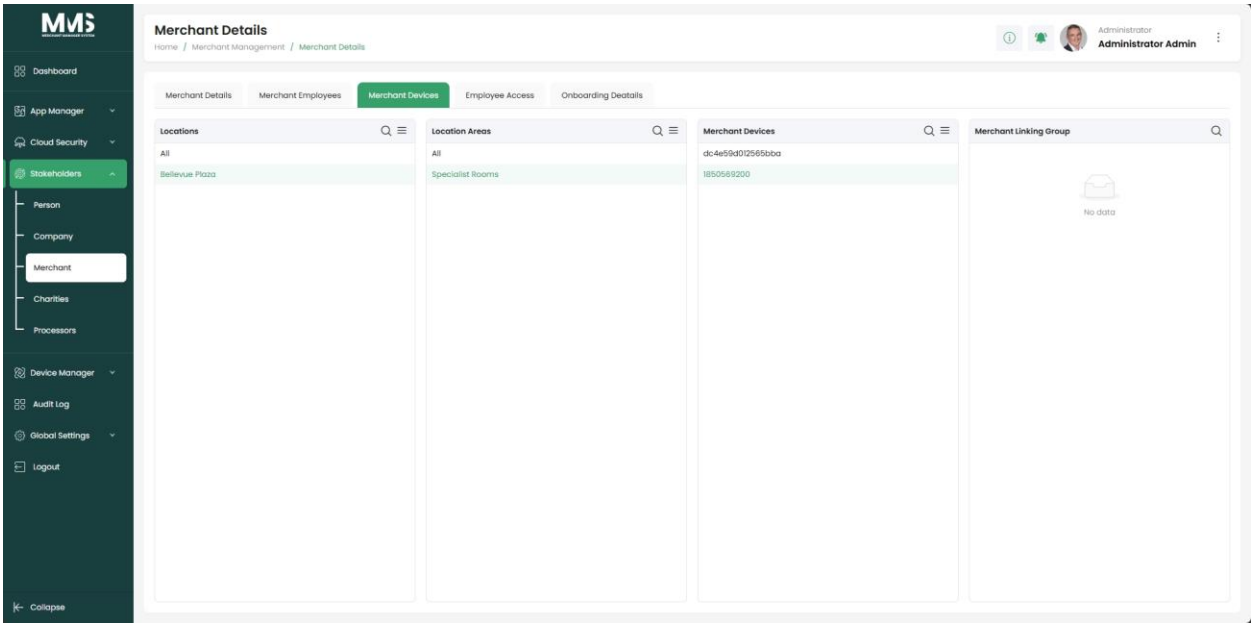
MMS
Dashboard
App Manager
Cloud Security
Stakeholders
Person
Company
Merchant
Charities
Processors
Device Manager
Audit Log
Global Settings
Logout
Collapse
Merchant Details
Home / Merchant Management / Merchant Details
Administrator
Administrator Admin
Merchant Details
Merchant Employees
Merchant Devices
Employee Access
Onboarding Deatails
Locations
All
Bellevue Plaza
Location Areas
All
Specialist Rooms
Merchant Devices
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Merchant Linking Group
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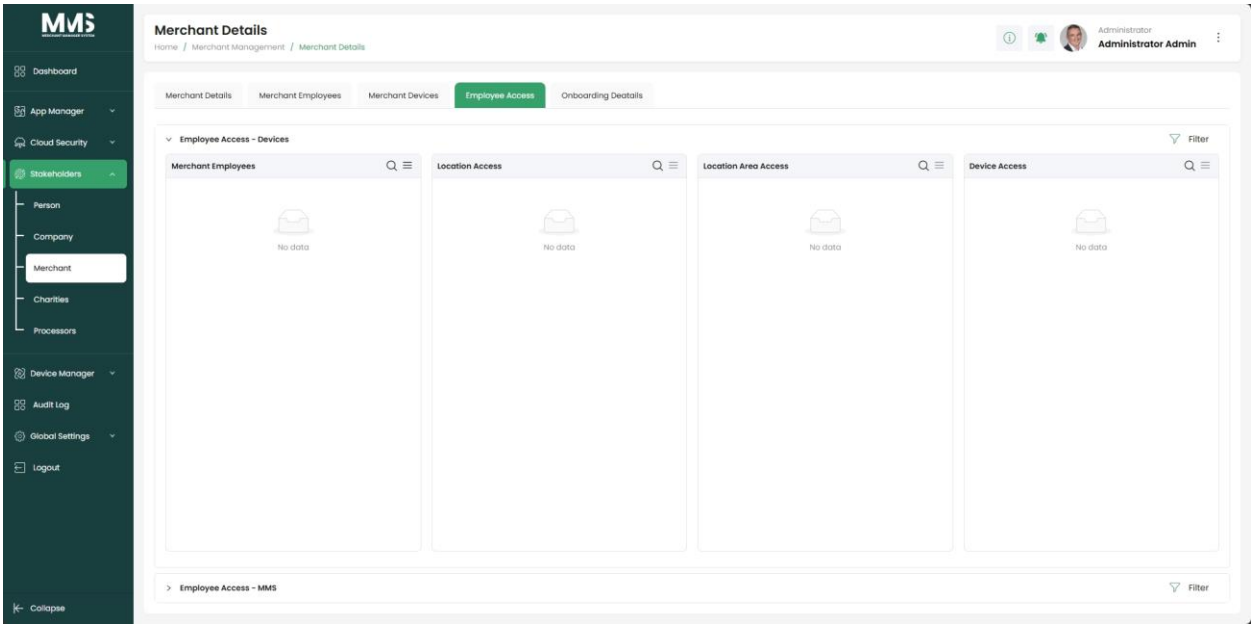
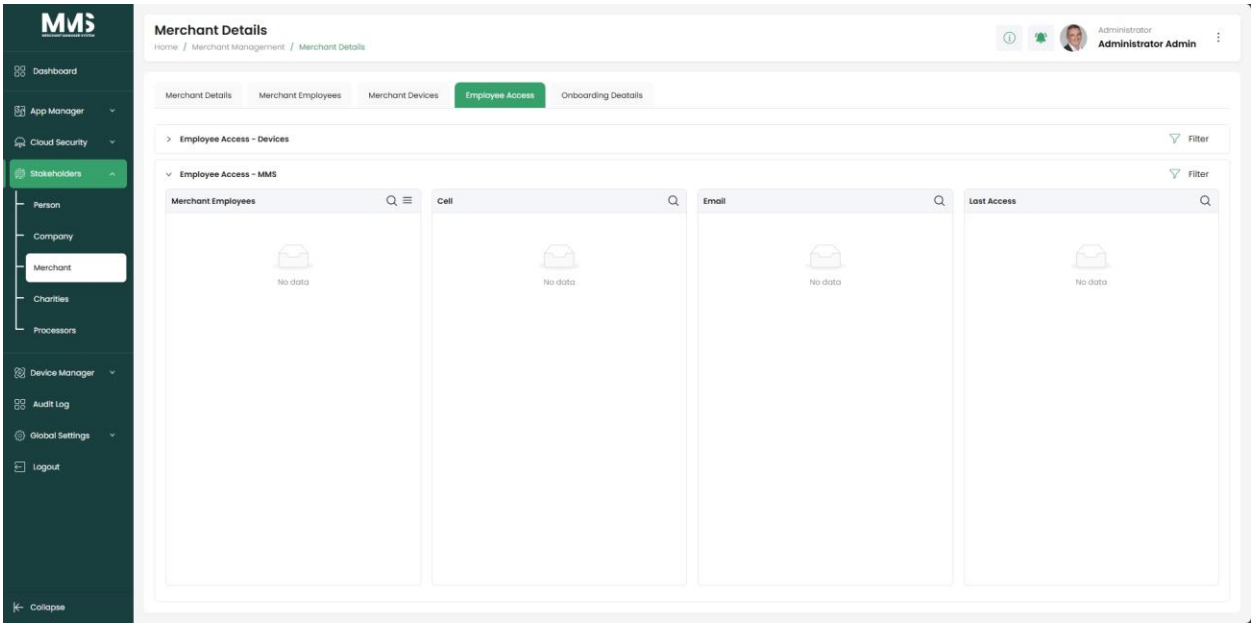




4.4. Charities

Description

Provides centralized management of charity records that can be used as a global data source for base templates. Charity configurations can be applied consistently across templates or customized at the template level to support company-specific requirements.

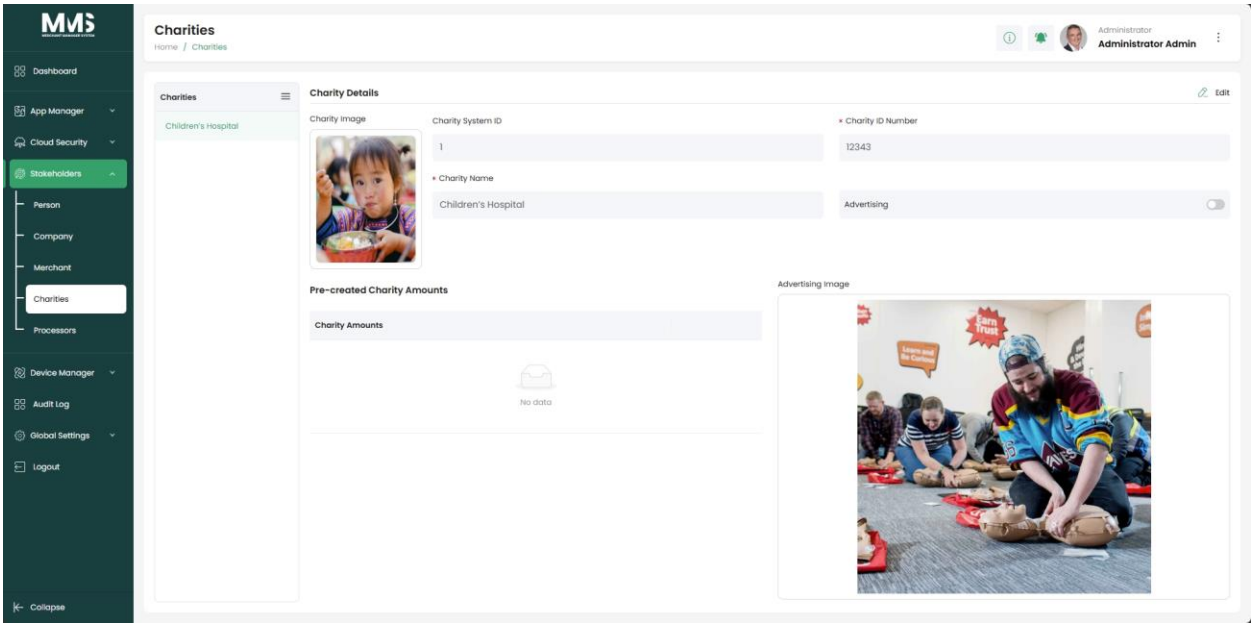
Key Capabilities

- Manage a centralized list of charity records for reuse across base templates

- Use global charity data directly within templates
- Override charity settings per template for company-specific customization
- Configure charity-related attributes, including:
    - Charity name and reference number
    - Charity images and advertising visuals
    - Donation amounts
    - Advertising enablement

Status: **Completed**

Reference Images:



4.5. Processors

Description

Provides centralized management of payment processor configurations that serve as a global data source for base templates. Processor records and interfaces can be applied directly within templates or overridden at the template level to support company-specific payment routing, libraries, and device compatibility.

Key Capabilities

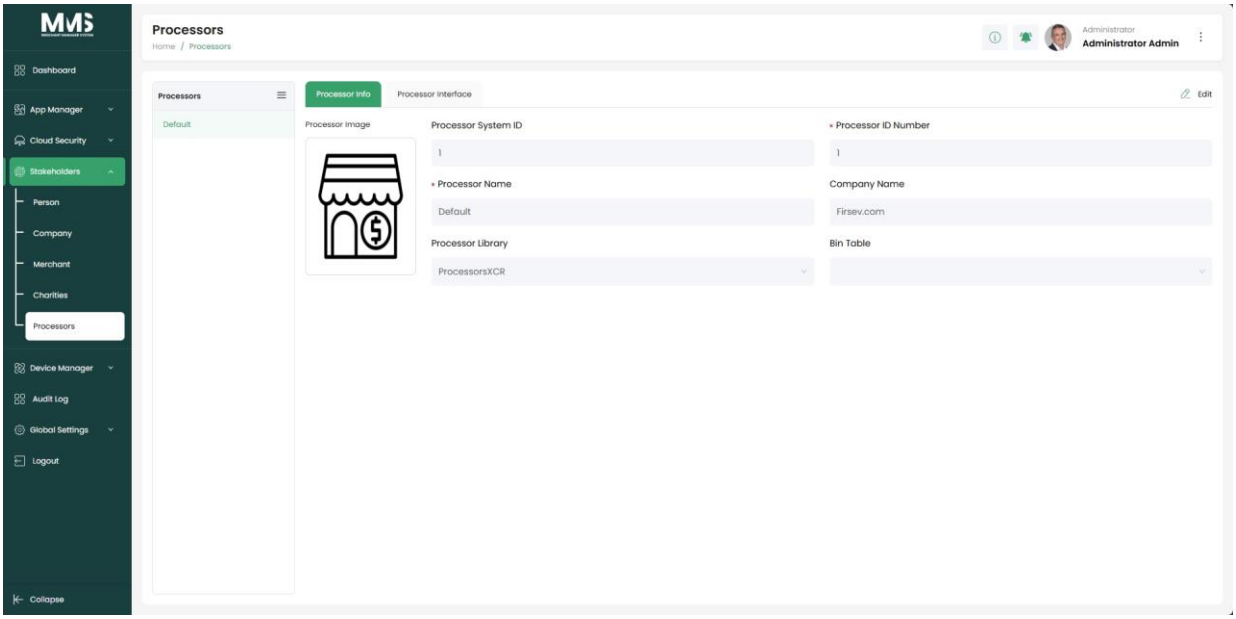
- Manage a centralized list of payment processor records for reuse across base templates
- Configure processor identity and integration attributes, including:

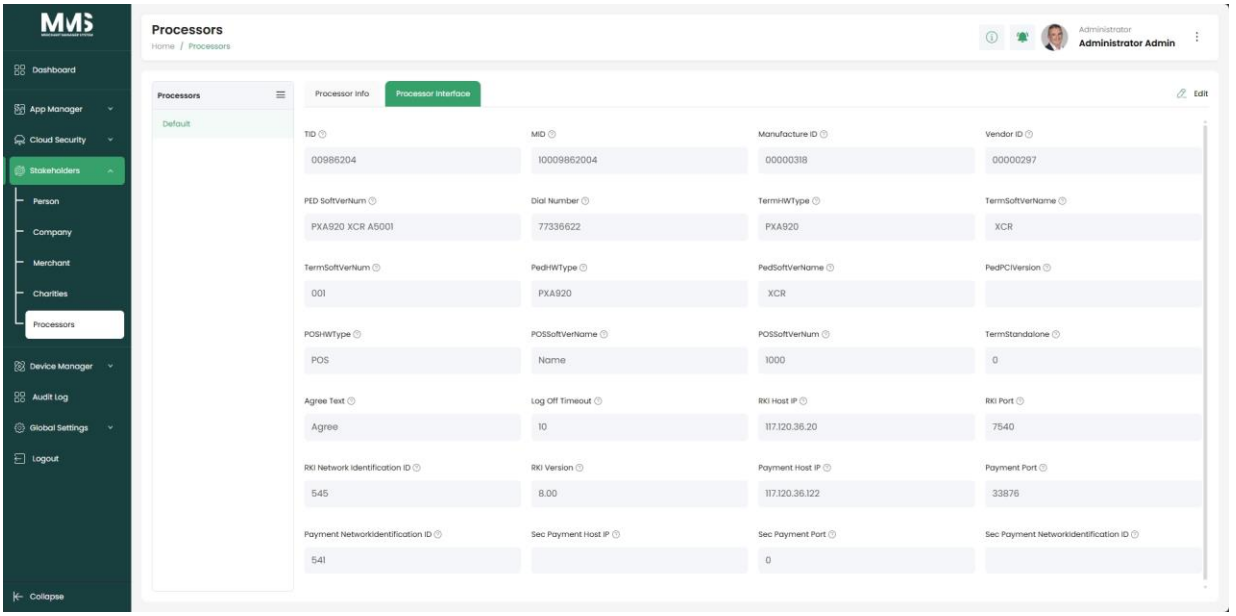
- Processor name, system ID, and company name
- Processor libraries and processor numbers
- BIN tables for card routing
- Processor logos and reference images

- Define and manage processor interface configurations, including network, software, and terminal settings

Status: **Completed**

Reference Images:





5. Device Manager

5.1. Device Registry

Description

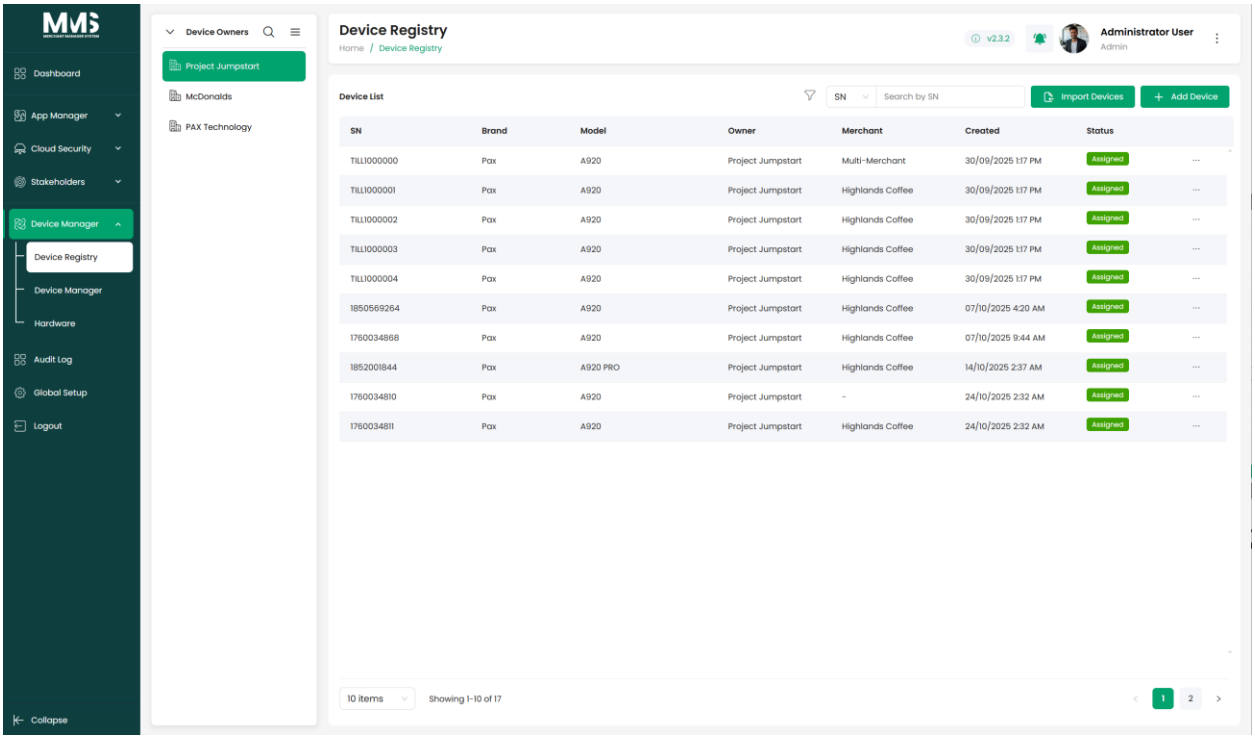
Provides a centralized registry for creating and maintaining device records within the system. Devices are registered under specific owners and serve as the foundational inventory before being assigned for operational deployment and management.

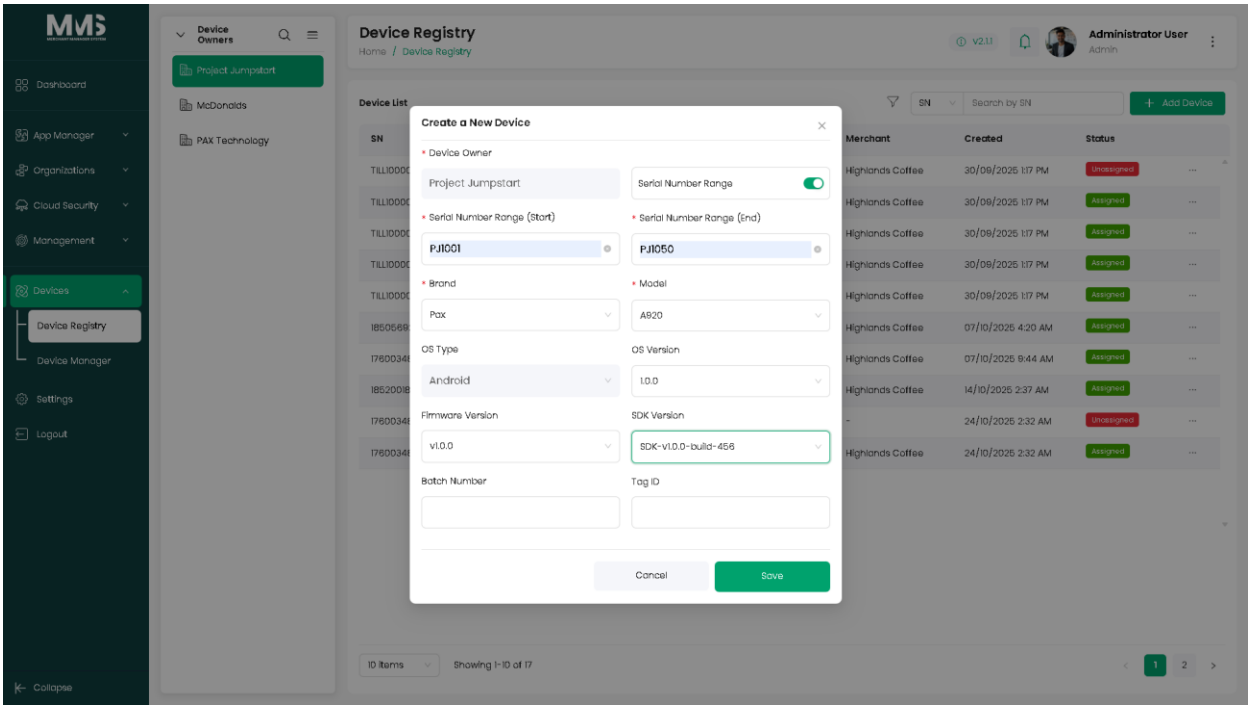
Key Capabilities

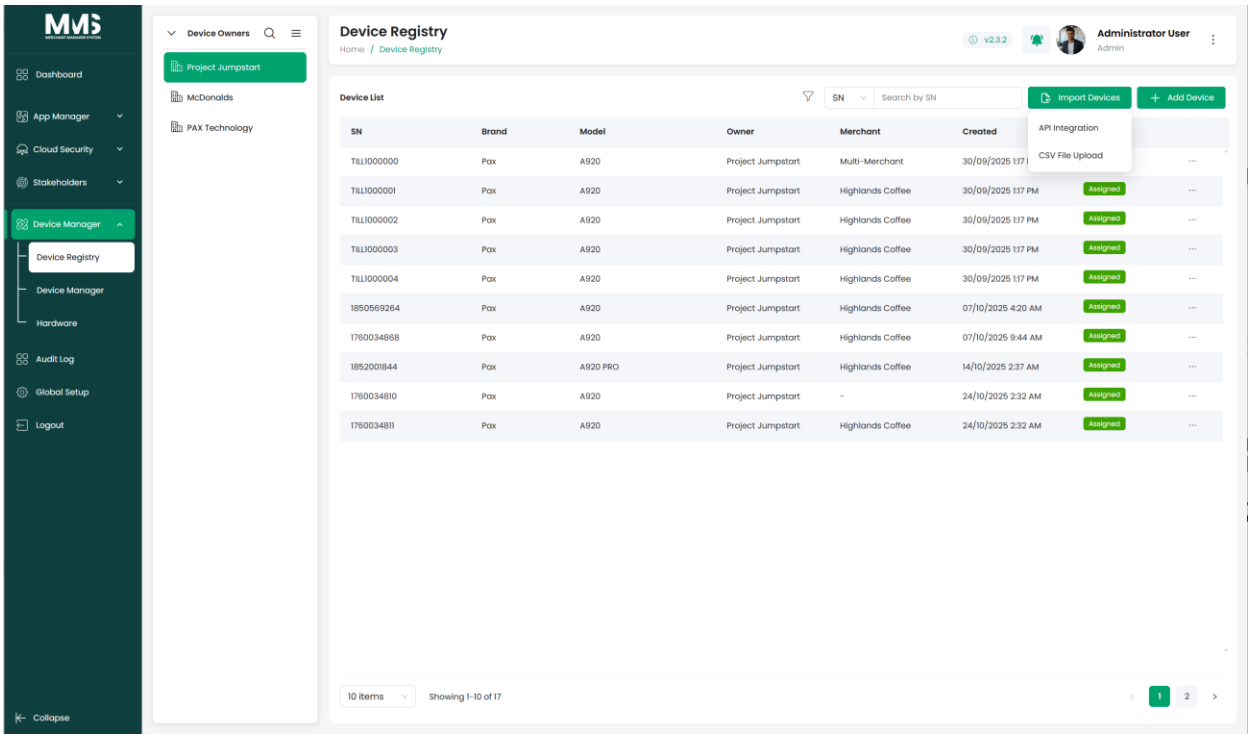
- Register and manage devices under designated owners or organizations
- Maintain core device information, including serial number, brand, and model
- Track registered devices prior to assignment and activation
- Enable subsequent assignment of devices to companies, groups, locations, or merchants through Device Manager
- Support import devices using MAXSTORE API or CSV files

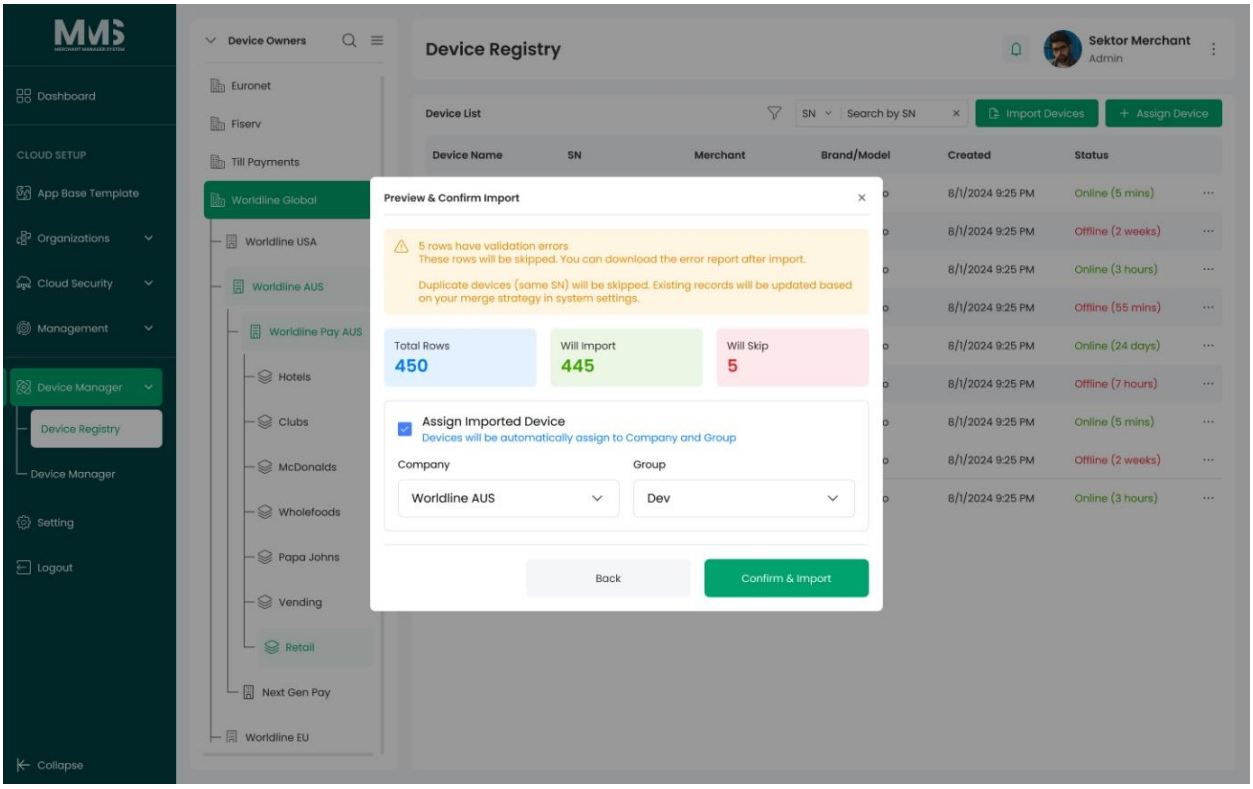
Status: Completed

Reference Images:




Device Registry
Home / Device Registry
Create a New Device
Device Owner
Project Jumpstart
Serial Number Range
Serial Number Range (Start)
PJI001
Serial Number Range (End)
PJI050
Brand
Pax
Model
A920
OS Type
Android
OS Version
1.0.0
Firmware Version
v1.0.0
SDK Version
SDK-v1.0.0-build-456
Batch Number
Tag ID
Cancel
Save


Device Registry
Home / Device Registry
Device List
Import Devices
Add Device
API Integration
CSV File Upload



5.2. Device Manager

Description

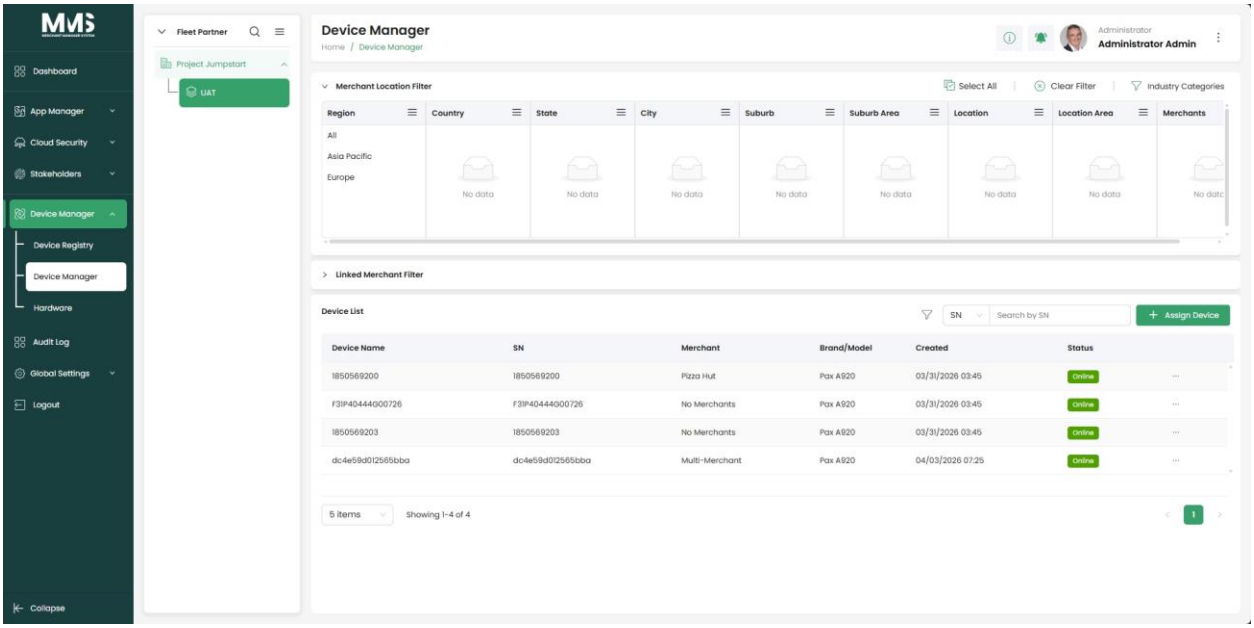
Provides centralized management of devices after registration, enabling administrators to assign devices from the Device Registry to companies, groups, locations, or merchants. Device Manager supports ongoing monitoring and management of assigned devices through a structured and hierarchical view.

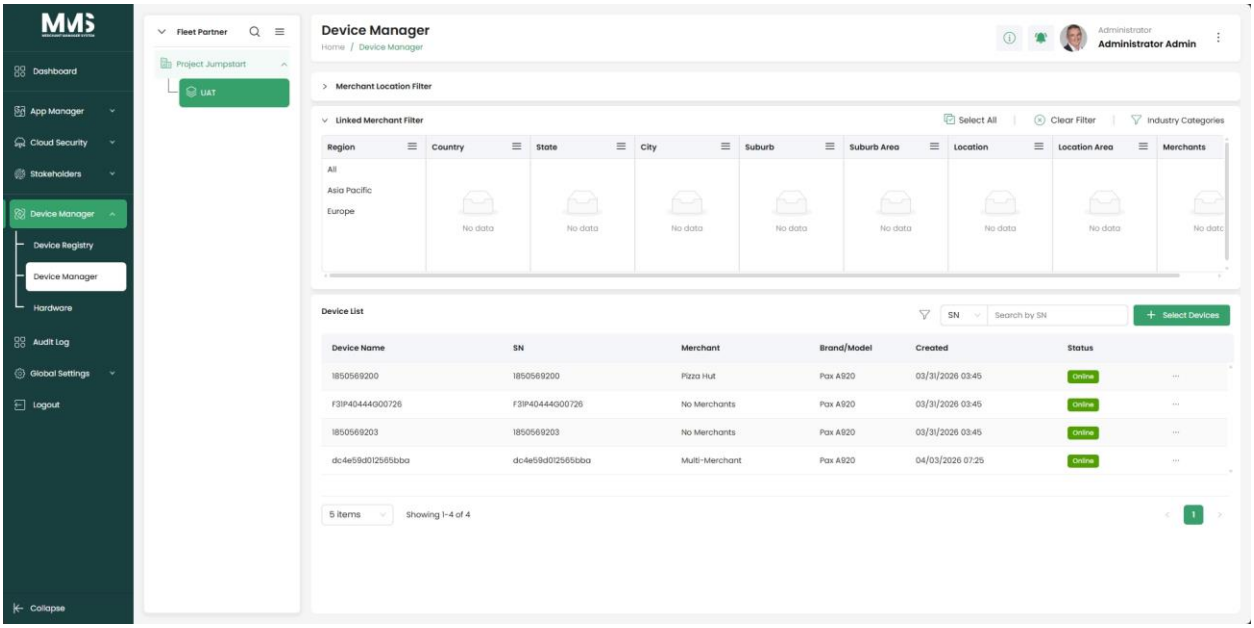
Key Capabilities

- Assign registered devices to companies, subsidiaries, groups, locations, or merchants
- Manage devices after assignment, including viewing and updating assigned device information
- Navigate and select locations using a hierarchical location tree
- View and filter devices based on organizational hierarchy and assignment scope
- Support ongoing device monitoring and operational management within the assigned context.

Status: Complete

Reference Images:





5.2.1. Company Tree

Description

Provides a hierarchical structure for organizing companies, subsidiaries, and groups within the system. The company tree defines organizational relationships that are used to manage access, visibility, and device assignment in a structured and scalable manner.

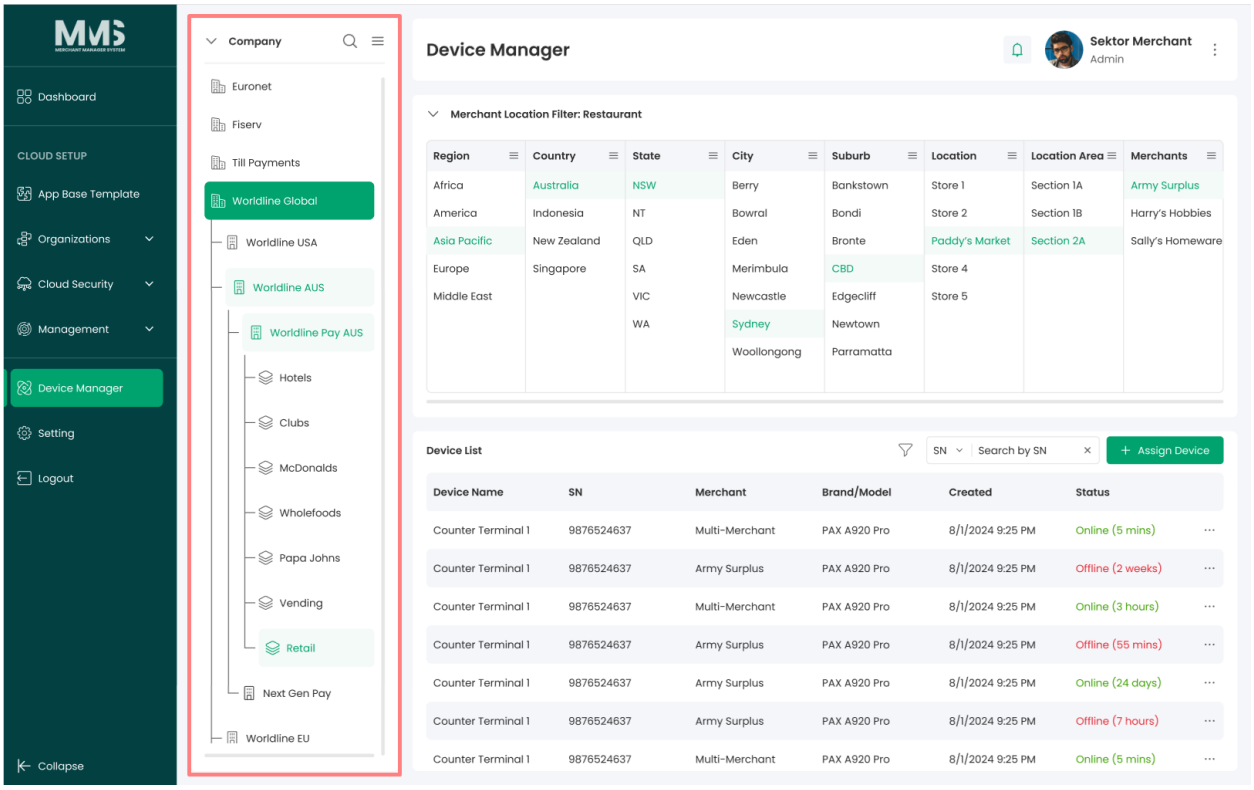
Key Capabilities

- Assign registered devices to companies, subsidiaries, groups, locations, or merchants

- Manage devices after assignment, including viewing and updating assigned device information
- Navigate and select locations using a hierarchical location tree
- View and filter devices based on organizational hierarchy and assignment scope
- Support ongoing device monitoring and operational management within the assigned context

Status: **Completed**

Reference Images:



5.2.2. Location Tree

Description

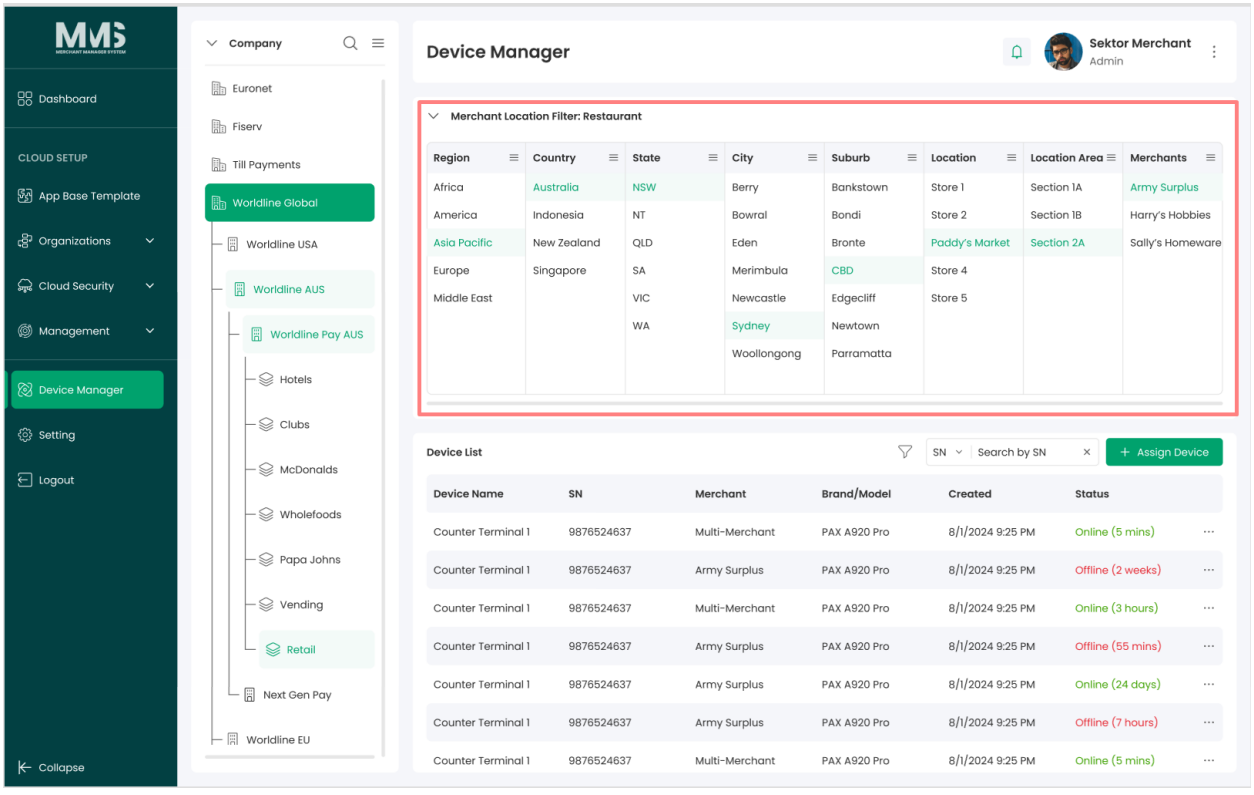
Provides a hierarchical structure for organizing physical or logical locations within the system. The location tree enables administrators to group devices by location, supporting clear visibility, structured management, and location-based device operations.

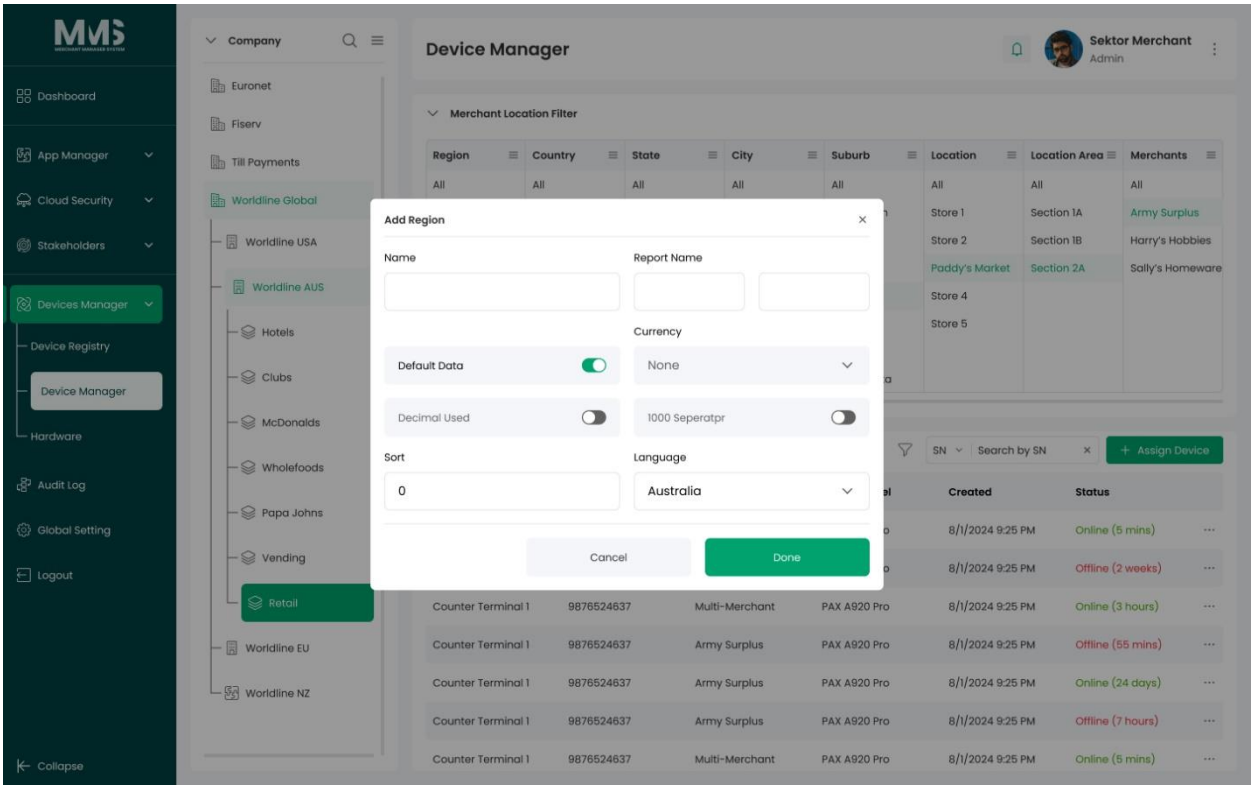
Key Capabilities

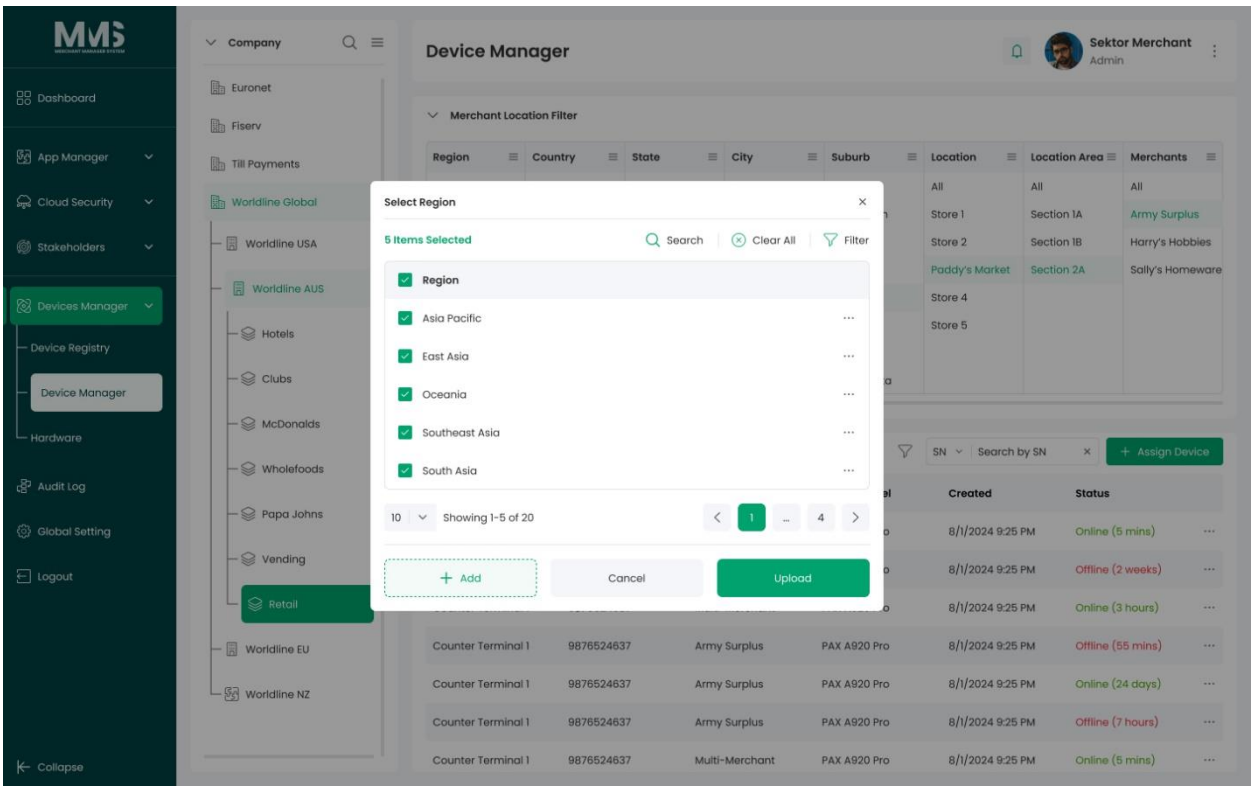
- Create and manage hierarchical location structures
- Organize devices under defined locations and sub-locations
- Support device assignment and management based on location hierarchy
- Enable location-based visibility and filtering of devices
- Integrate with Device Manager for efficient device monitoring and operations

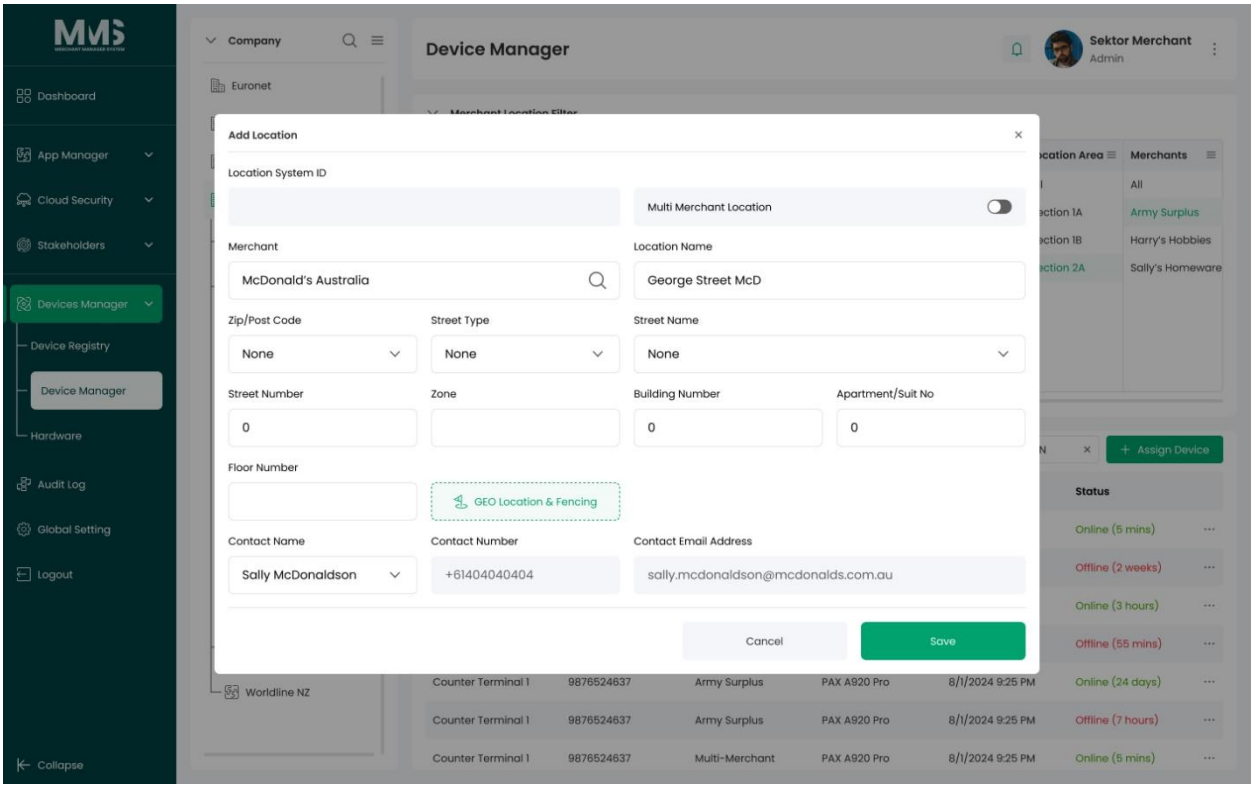
Status: In Progress (Merchant Location Filters)

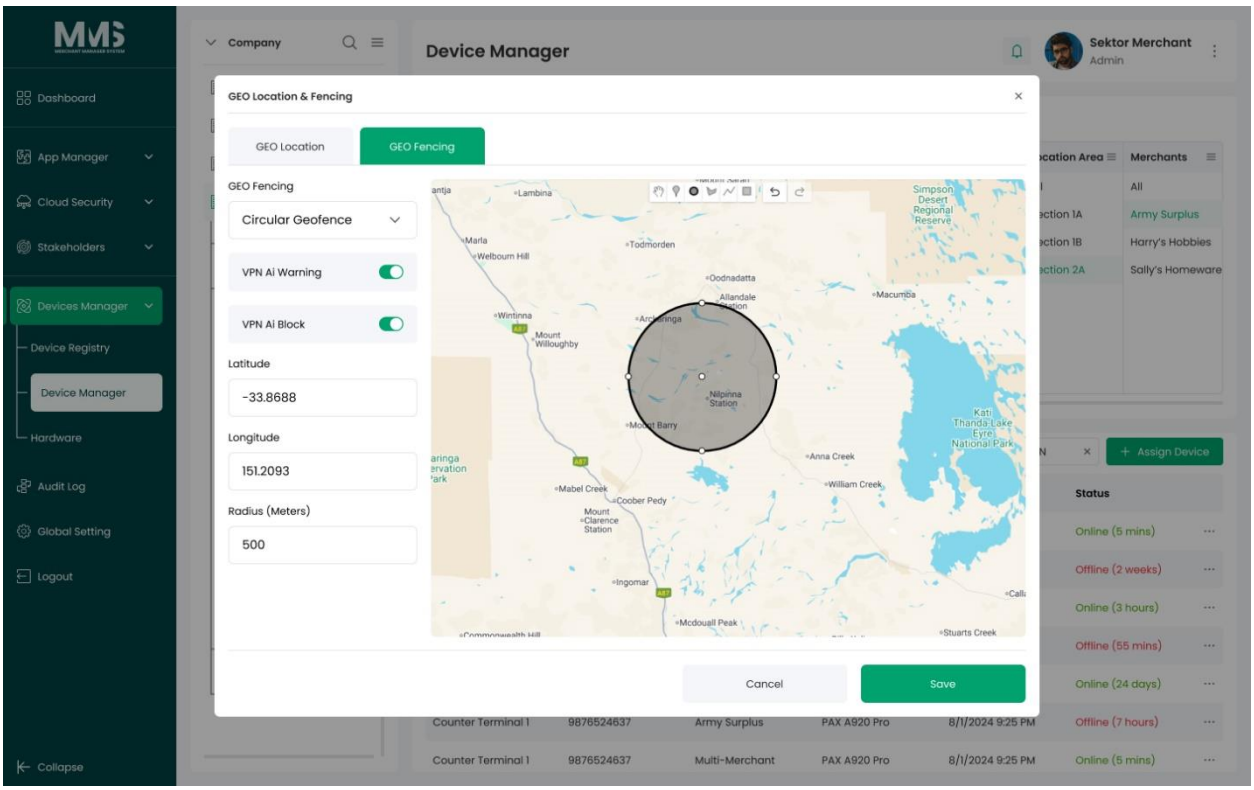
Reference Images:

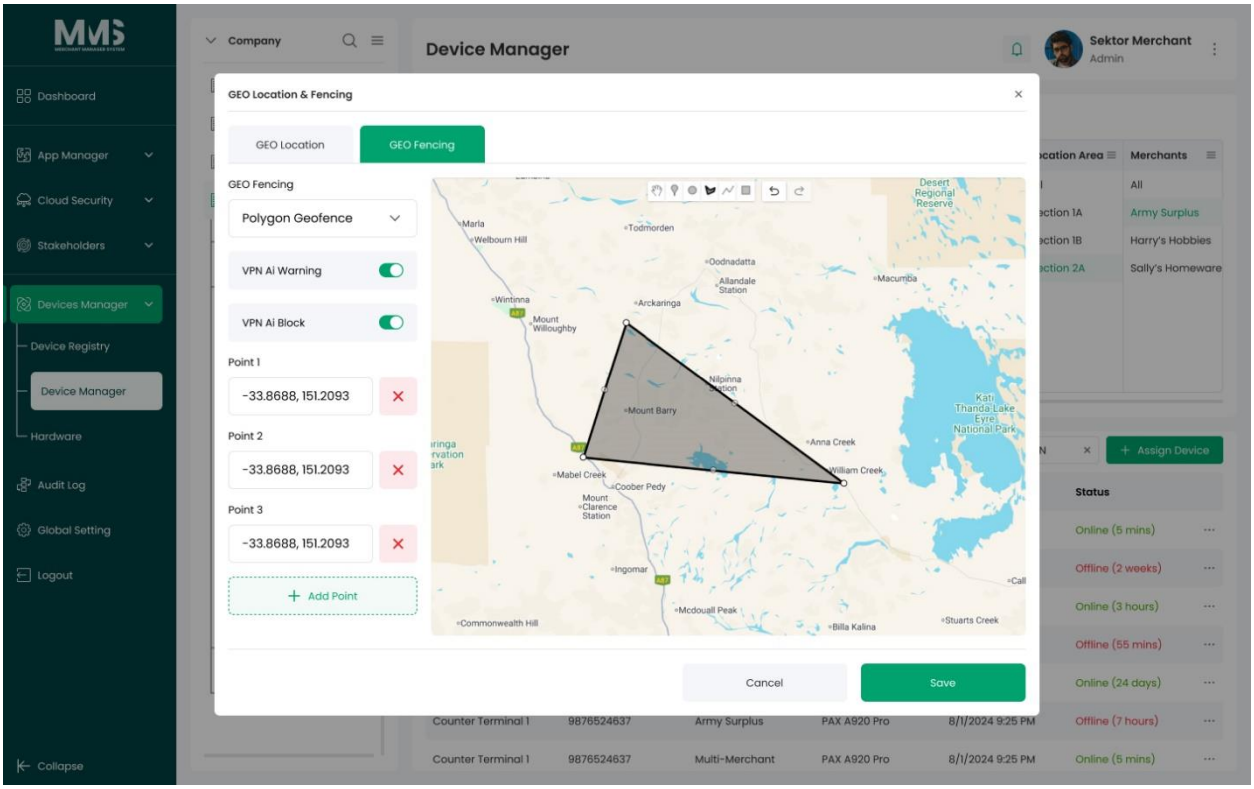



Device Manager
Sektor Merchant
Admin
Add Region
Name
Report Name
Currency
Default Data
None
Decimal Used
1000 Seperatpr
Sort
0
Language
Australia
Cancel
Done
Merchant Location Filter
Region
Country
State
City
Suburb
Location
Location Area
Merchants
Assign Device
Search by SN
Created
Status


Device Manager
Sektor Merchant
Admin
Select Region
5 Items Selected
Search
Clear All
Filter
Region
Asia Pacific
East Asia
Oceania
Southeast Asia
South Asia
Showing 1-5 of 20
Add
Cancel
Upload
Merchant Location Filter
Assign Device
Search by SN
Created
Status


Company
Device Manager
Sektor Merchant
Admin
Dashboard
App Manager
Cloud Security
Stakeholders
Devices Manager
Device Registry
Device Manager
Hardware
Audit Log
Global Setting
Logout
Collapse
Euronet
Worldline NZ
Add Location
Location System ID
Multi Merchant Location
Merchant
McDonald's Australia
Location Name
George Street McD
Zip/Post Code
None
Street Type
None
Street Name
None
Street Number
0
Zone
Building Number
0
Apartment/Suit No
0
Floor Number
GEO Location & Fencing
Contact Name
Sally McDonaldson
Contact Number
+61404040404
Contact Email Address
sally.mcdonaldson@mcdonalds.com.au
Cancel
Save
Merchants
All
Army Surplus
Harry's Hobbies
Sally's Homeware
Assign Device
Status
Online (5 mins)
Offline (2 weeks)
Online (3 hours)
Offline (55 mins)
Online (24 days)
Offline (7 hours)
Online (5 mins)
Counter Terminal 1 9876524637 Army Surplus PAX A920 Pro 8/1/2024 9:25 PM
Counter Terminal 1 9876524637 Army Surplus PAX A920 Pro 8/1/2024 9:25 PM
Counter Terminal 1 9876524637 Multi-Merchant PAX A920 Pro 8/1/2024 9:25 PM


Company
Device Manager
Sektor Merchant
Admin
Dashboard
App Manager
Cloud Security
Stakeholders
Devices Manager
Device Registry
Device Manager
Hardware
Audit Log
Global Setting
Logout
Collapse
GEO Location & Fencing
GEO Location
GEO Fencing
GEO Fencing
Circular Geofence
VPN AI Warning
VPN AI Block
Latitude
-33.8688
Longitude
151.2093
Radius (Meters)
500
Lambina
Marla
Welbourn Hill
Todmorden
Oodnadatta
Allandale Station
Macumba
Wintinna
Mount Willoughby
Nilpinna Station
Mount Barry
Anna Creek
William Creek
Mabel Creek
Coober Pedy
Mount Clarence Station
Ingomar
Mcdouall Peak
Stuarts Creek
Simpson Desert Regional Reserve
Kati Thanda-Lake Eyre National Park
Cancel
Save
Merchants
All
Army Surplus
Harry's Hobbies
Sally's Homeware
Assign Device
Status
Online (5 mins)
Offline (2 weeks)
Online (3 hours)
Offline (55 mins)
Online (24 days)
Offline (7 hours)
Online (5 mins)
Counter Terminal 1 9876524637 Army Surplus PAX A920 Pro 8/1/2024 9:25 PM
Counter Terminal 1 9876524637 Multi-Merchant PAX A920 Pro 8/1/2024 9:25 PM


Company
Device Manager
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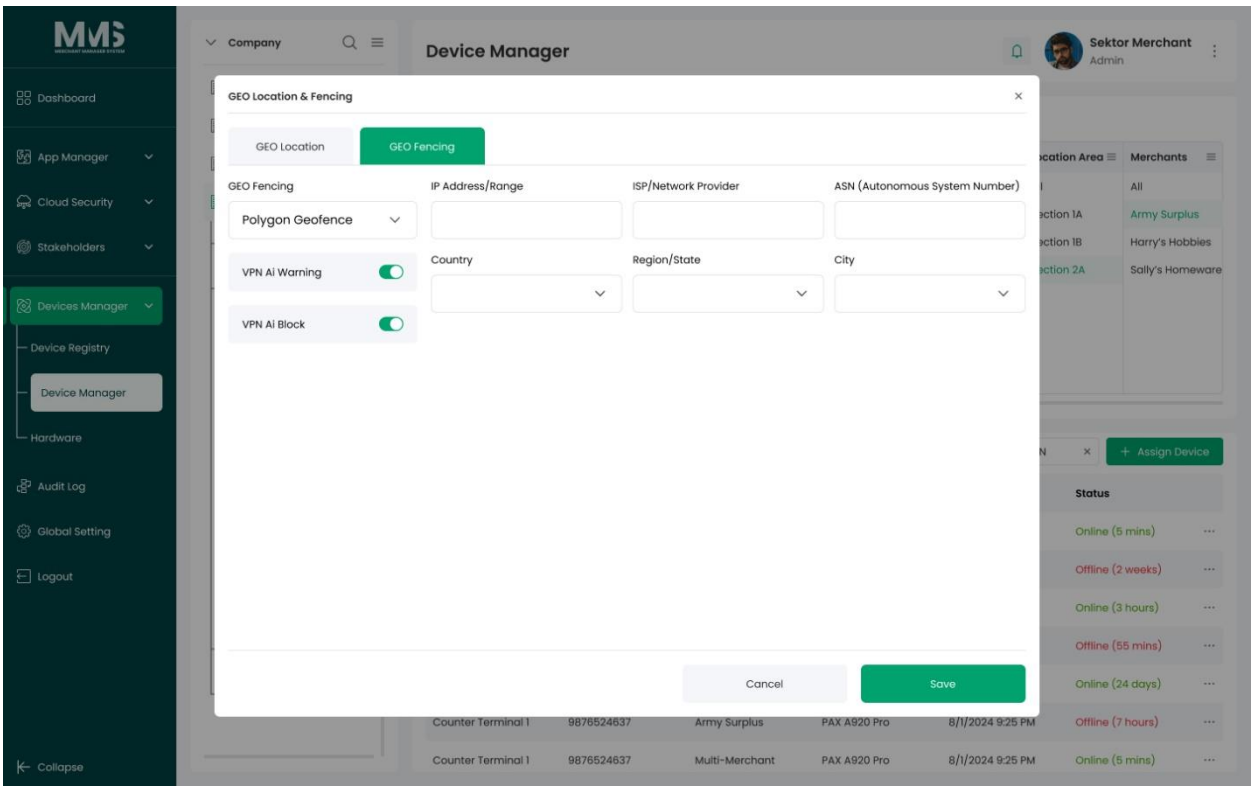
Admin
Dashboard
App Manager
Cloud Security
Stakeholders
Devices Manager
Device Registry
Device Manager
Hardware
Audit Log
Global Setting
Logout
Collapse
GEO Location & Fencing
GEO Location
GEO Fencing
GEO Fencing
Polygon Geofence
VPN Ai Warning
VPN Ai Block
Point 1
-33.8688, 151.2093
Point 2
-33.8688, 151.2093
Point 3
-33.8688, 151.2093
Add Point
Cancel
Save
Assign Device
Status
Merchants
All
Army Surplus
Harry's Hobbies
Sally's Homeware
Online (5 mins)
Offline (2 weeks)
Online (3 hours)
Offline (55 mins)
Online (24 days)
Offline (7 hours)
Online (5 mins)
Counter Terminal 1
9876524637
Army Surplus
PAX A920 Pro
8/1/2024 9:25 PM
Counter Terminal 1
9876524637
Multi-Merchant
PAX A920 Pro
8/1/2024 9:25 PM


Company
Device Manager
Sektor Merchant
Admin
Dashboard
App Manager
Cloud Security
Stakeholders
Devices Manager
Device Registry
Device Manager
Hardware
Audit Log
Global Setting
Logout
Collapse
GEO Location & Fencing
GEO Location
GEO Fencing
GEO Fencing
Polygon Geofence
IP Address/Range
ISP/Network Provider
ASN (Autonomous System Number)
VPN Ai Warning
VPN Ai Block
Country
Region/State
City
Cancel
Save
Assign Device
Status
Merchants
All
Army Surplus
Harry's Hobbies
Sally's Homeware
Online (5 mins)
Offline (2 weeks)
Online (3 hours)
Offline (55 mins)
Online (24 days)
Offline (7 hours)
Online (5 mins)
Counter Terminal 1
9876524637
Army Surplus
PAX A920 Pro
8/1/2024 9:25 PM
Counter Terminal 1
9876524637
Multi-Merchant
PAX A920 Pro
8/1/2024 9:25 PM

5.2.3. Device Setup

Description

Provides a centralized workspace for configuring and managing assigned devices. Device Setup enables administrators to control applications, firmware, templates, and operational settings, as well as monitor device status, history, and location.

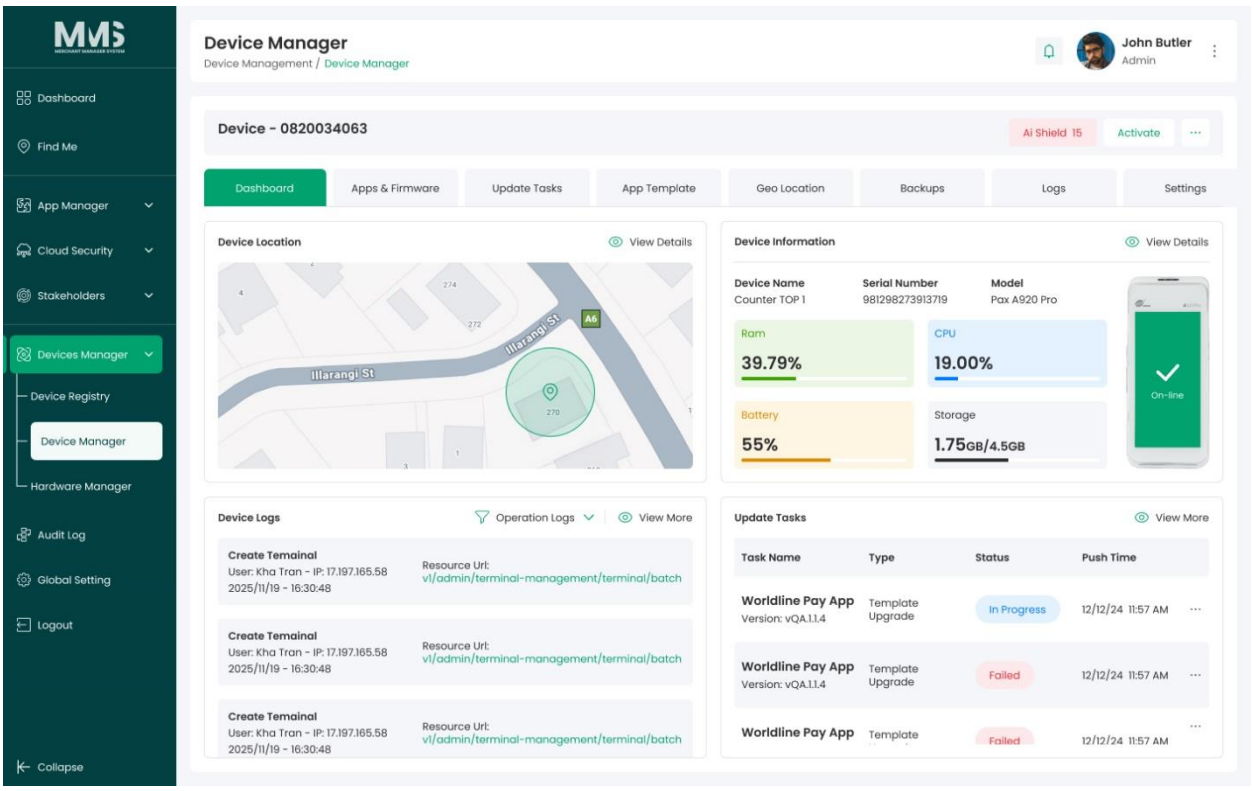
Key Capabilities

- ***Dashboard***: View an overview of device status, key information, and recent activities
- ***App & Firmware***: Manage application and firmware versions applied to devices
- ***Update Tasks***: Schedule and monitor application and firmware update tasks
- ***App Templates***: Apply configuration templates to standardize device setup
- ***Geo Location***: Track and manage device location information
- ***Backups***: Manage device configuration backups and restore points
- ***Logs***: View device activity and operational logs
- ***Settings:*** Configure device-specific operational and system settings

a. Dashboard

Status: Completed

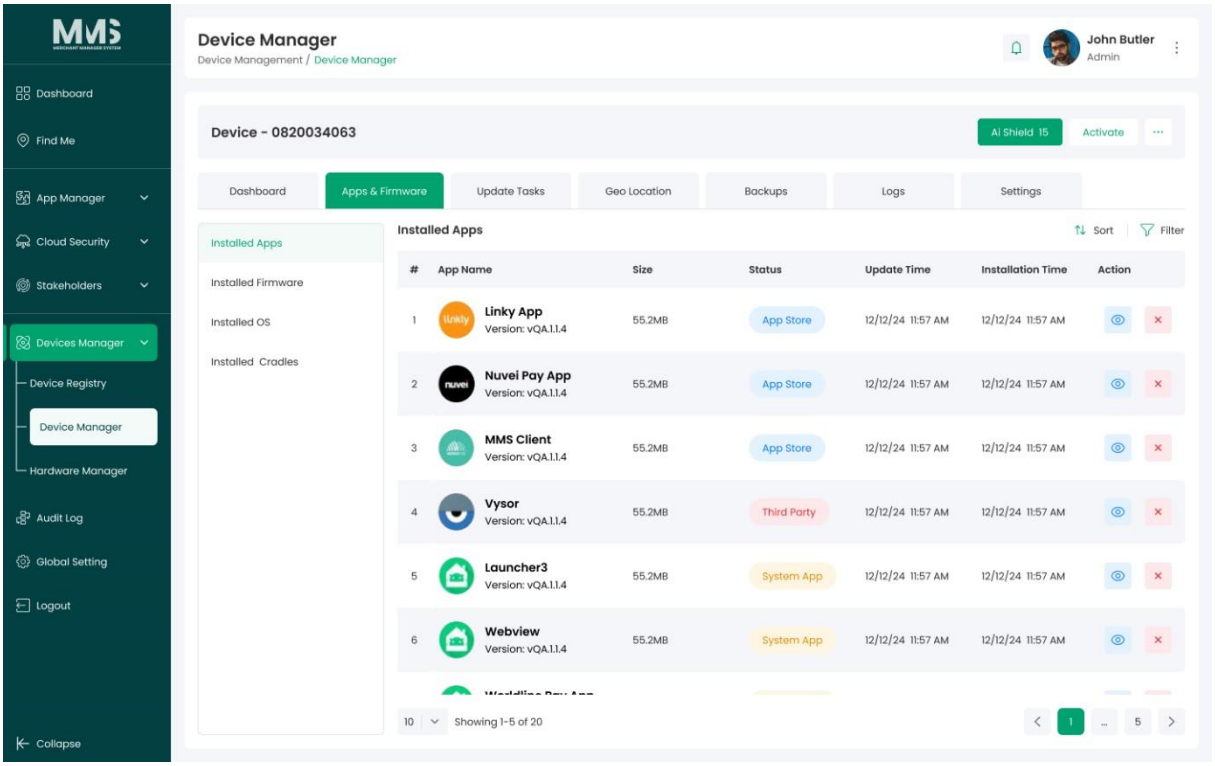
Reference Images:

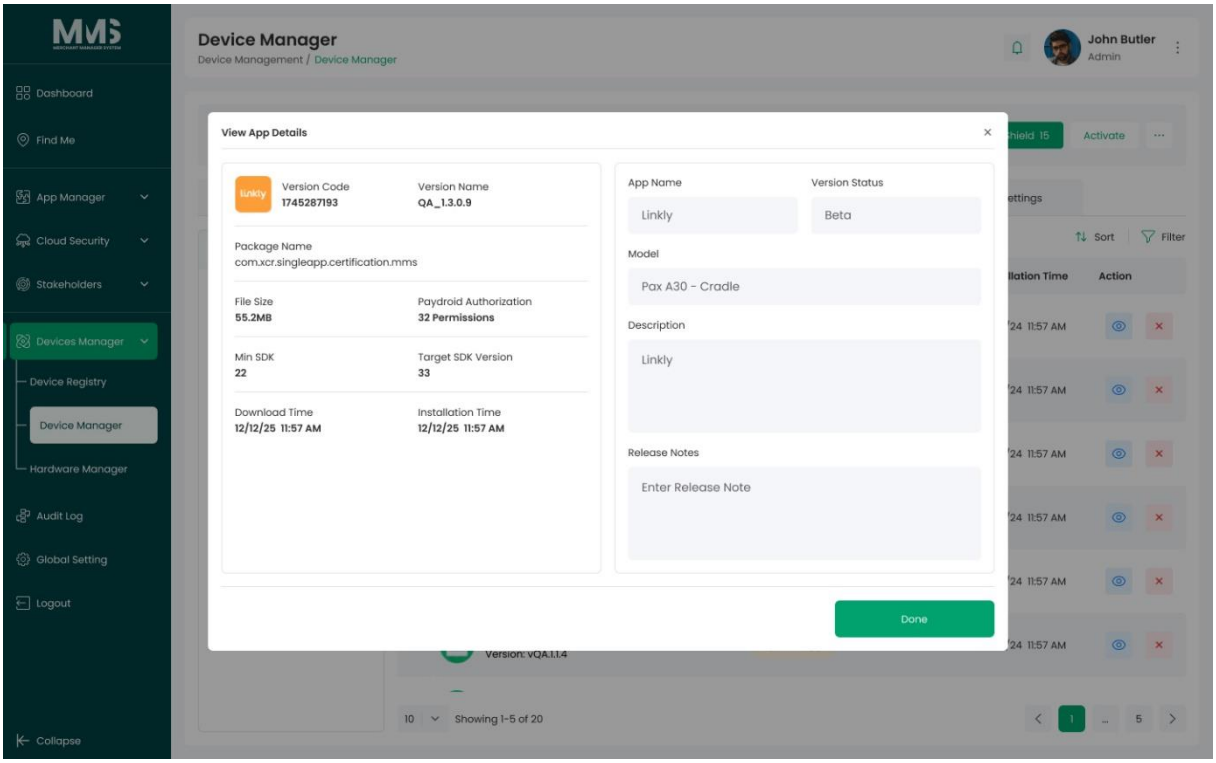


b. App & Firmware

Status: Completed

Reference Images:

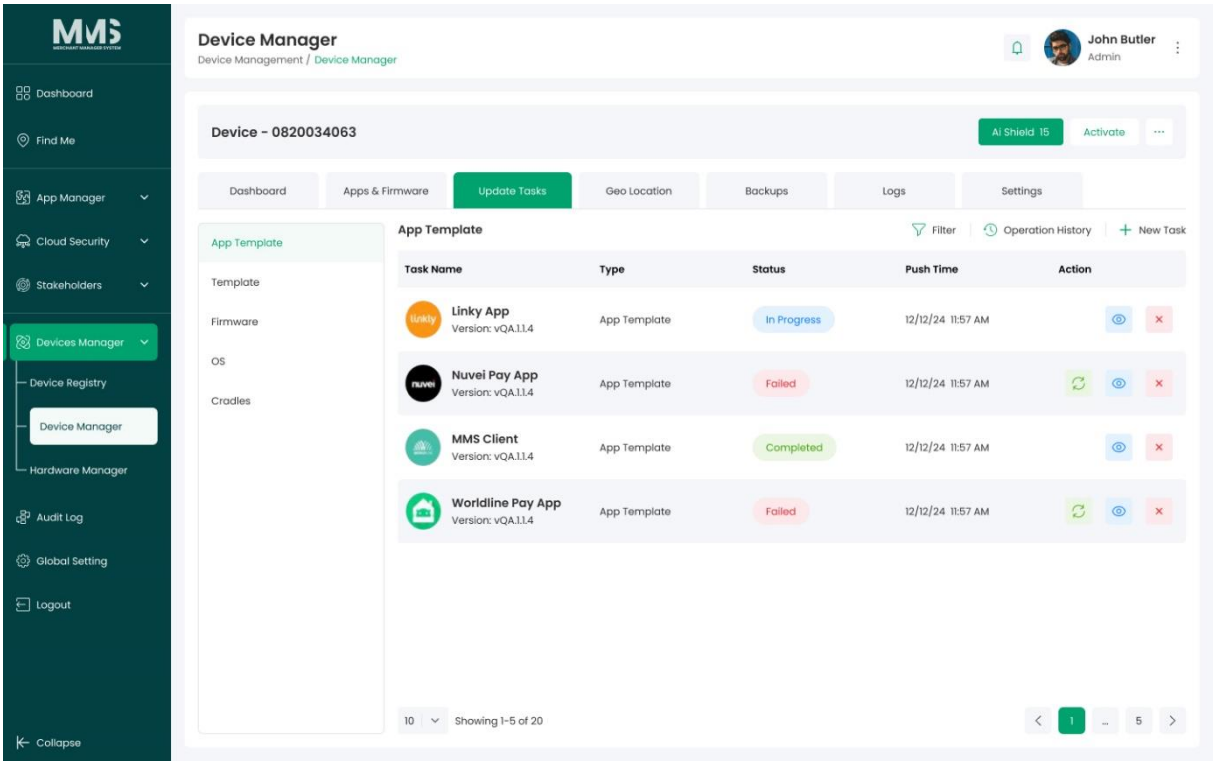


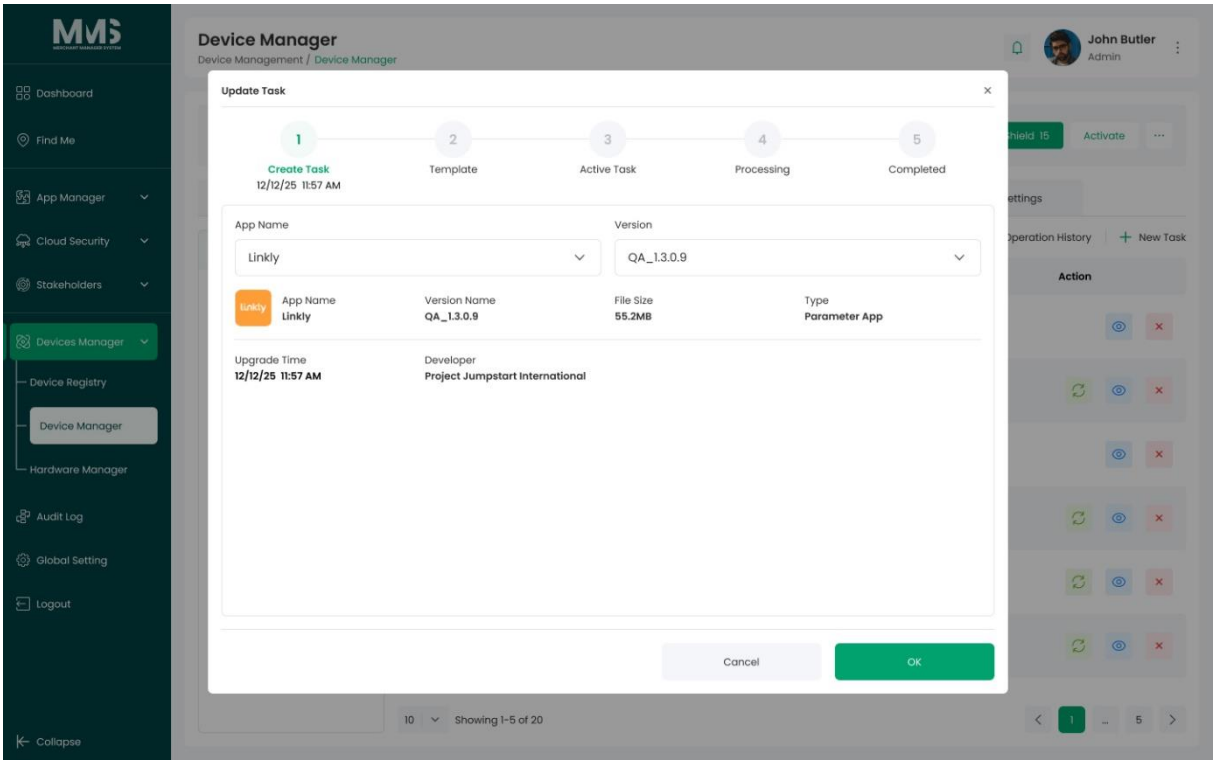


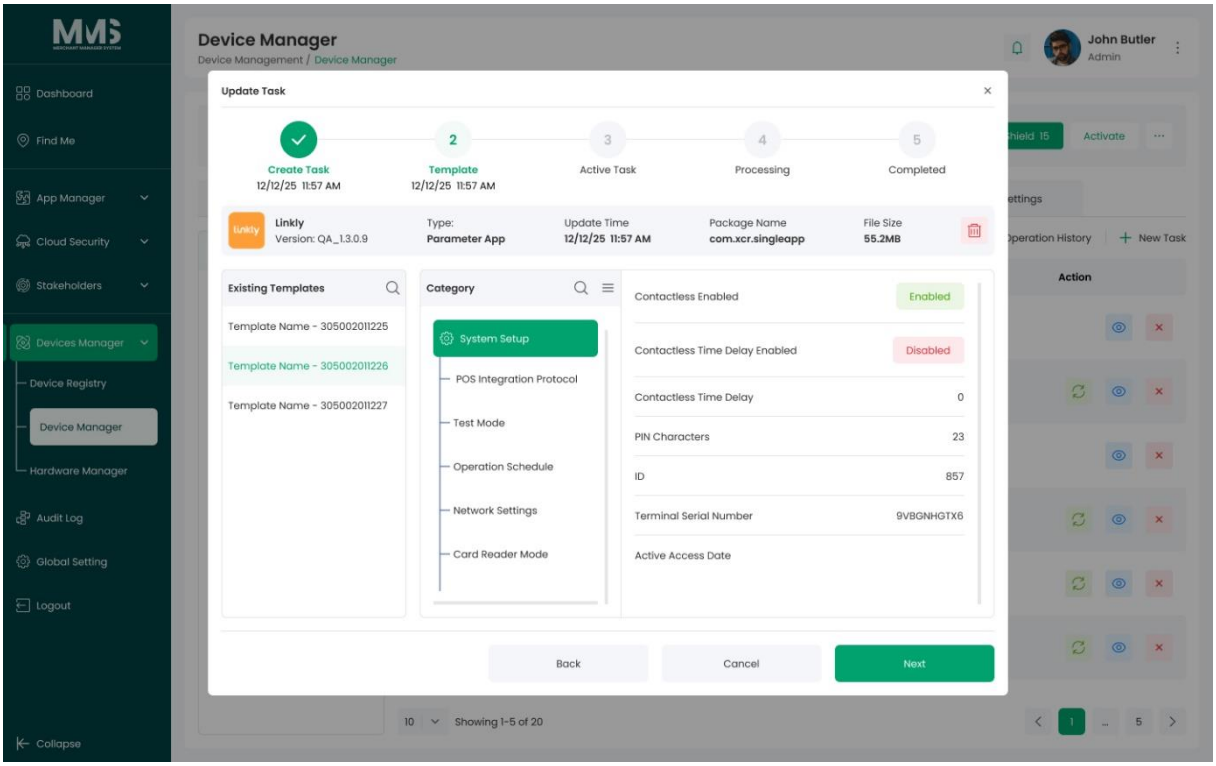
c. Update Tasks

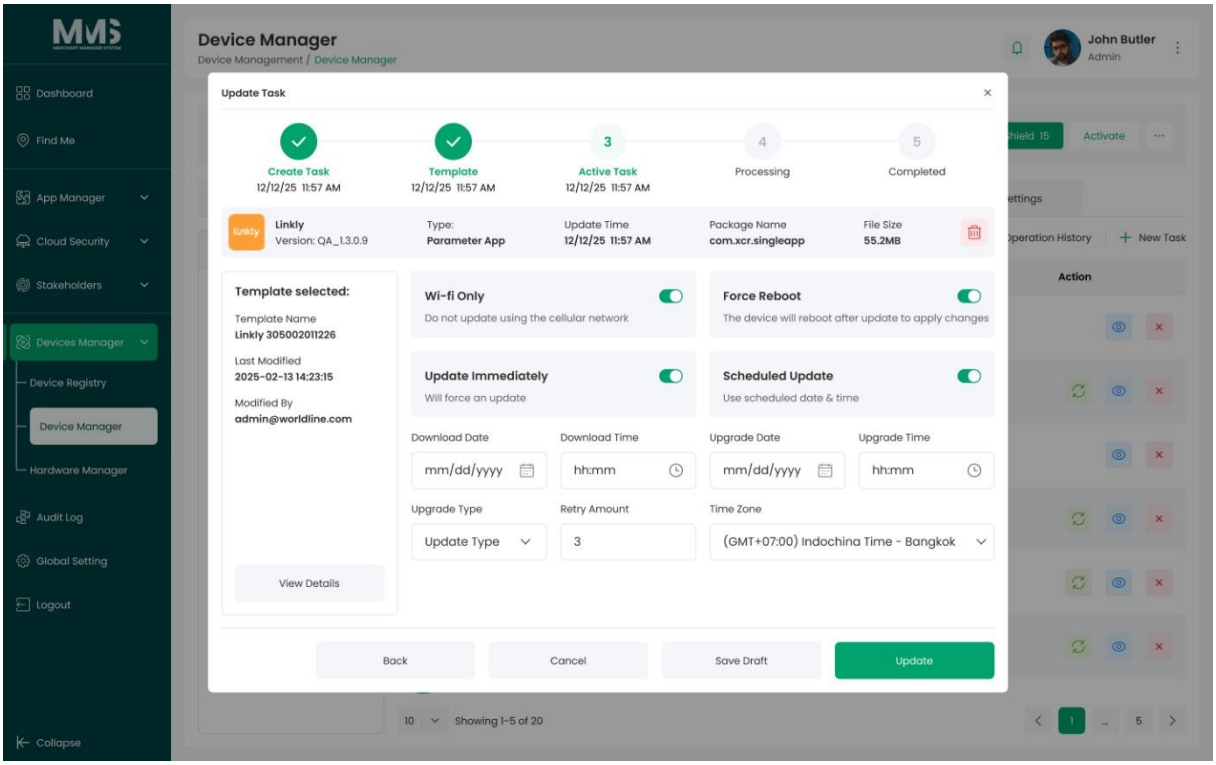
Status: Completed

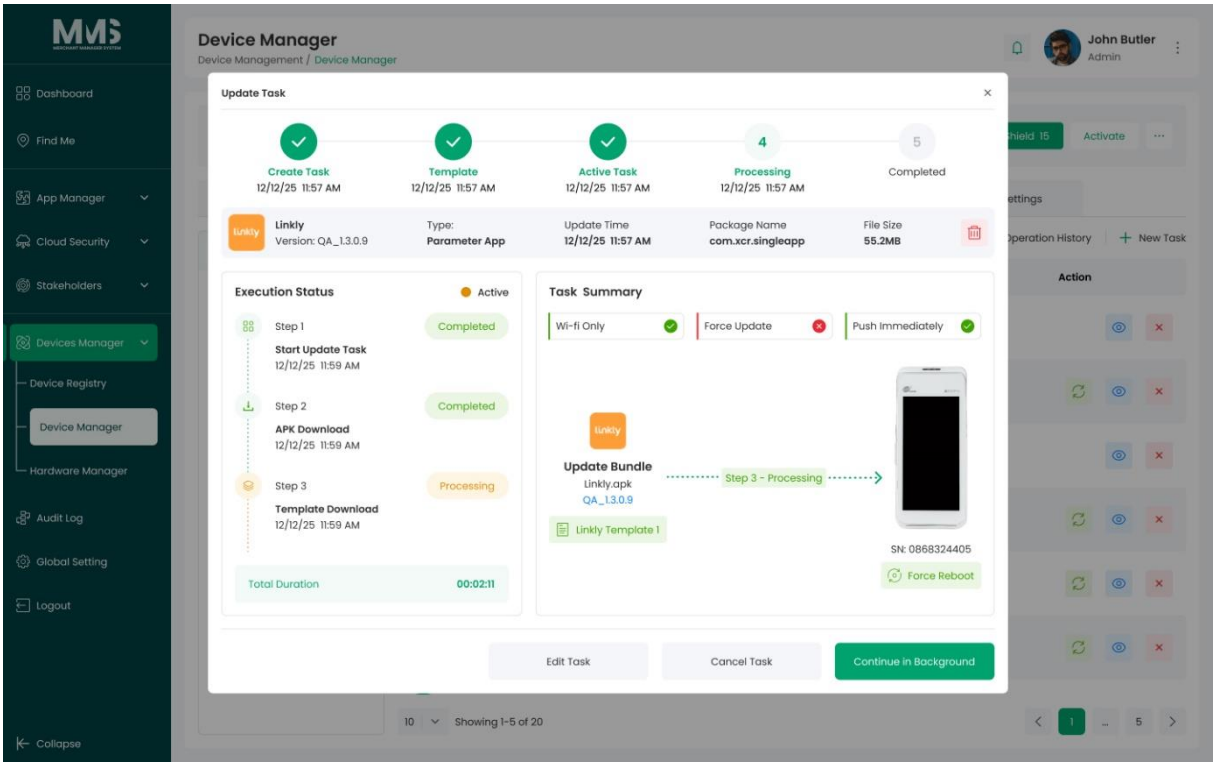
Reference Images:

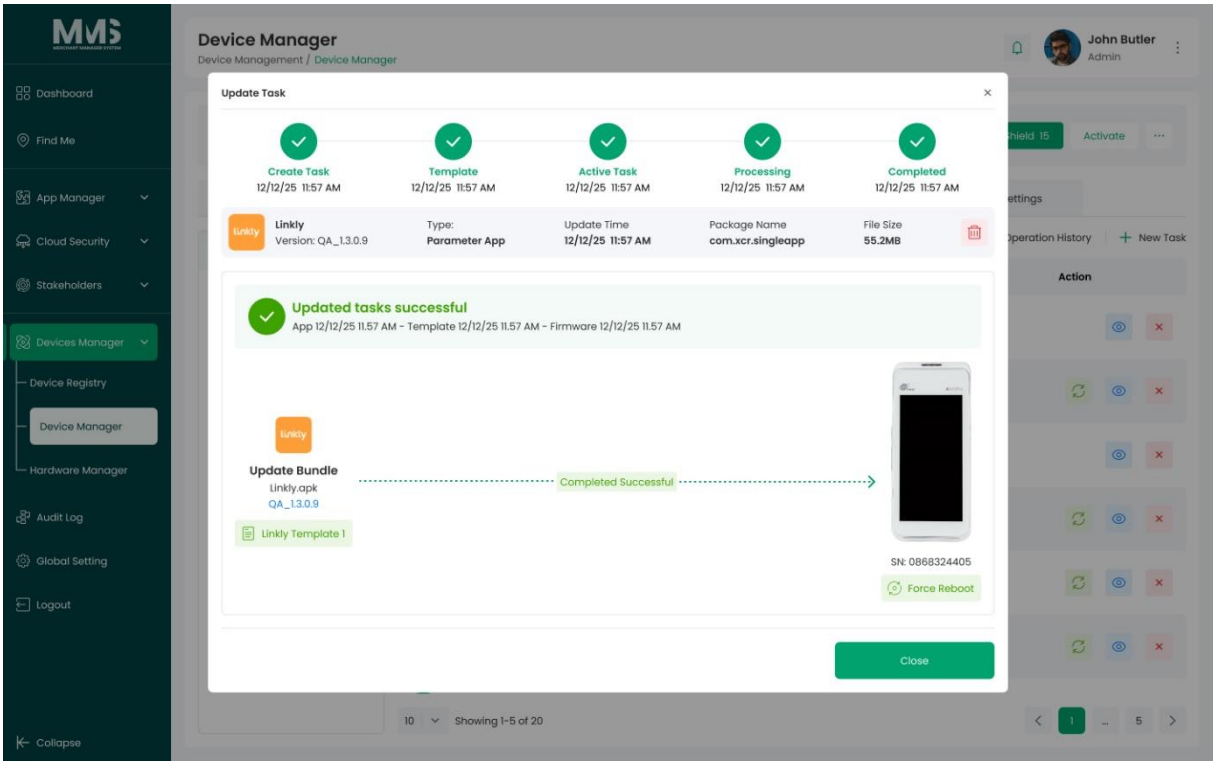





Device Manager
Device Management / Device Manager
John Butler
Admin
Update Task
Create Task
12/12/25 11:57 AM
Template
12/12/25 11:57 AM
Active Task
Processing
Completed
Linkly
Version: QA_1.3.0.9
Type:
Parameter App
Update Time
12/12/25 11:57 AM
Package Name
com.xcr.singleapp
File Size
55.2MB
Existing Templates
Template Name - 305002011225
Template Name - 305002011226
Template Name - 305002011227
Category
System Setup
POS Integration Protocol
Test Mode
Operation Schedule
Network Settings
Card Reader Mode
Contactless Enabled
Enabled
Contactless Time Delay Enabled
Disabled
Contactless Time Delay
0
PIN Characters
23
ID
857
Terminal Serial Number
9VBGNHGTX6
Active Access Date
Back
Cancel
Next
Dashboard
Find Me
App Manager
Cloud Security
Stakeholders
Devices Manager
Device Registry
Device Manager
Hardware Manager
Audit Log
Global Setting
Logout
Collapse
Activate
New Task
Action
Showing 1-5 of 20


Device Manager
Device Management / Device Manager
John Butler
Admin
Update Task
Create Task
12/12/25 11:57 AM
Template
12/12/25 11:57 AM
Active Task
12/12/25 11:57 AM
Processing
Completed
Linkly
Version: QA_1.3.0.9
Type:
Parameter App
Update Time
12/12/25 11:57 AM
Package Name
com.xcr.singleapp
File Size
55.2MB
Template selected:
Template Name
Linkly 305002011226
Last Modified
2025-02-13 14:23:15
Modified By
admin@worldline.com
View Details
Wi-fi Only
Do not update using the cellular network
Force Reboot
The device will reboot after update to apply changes
Update Immediately
Will force an update
Scheduled Update
Use scheduled date & time
Download Date
mm/dd/yyyy
Download Time
hh:mm
Upgrade Date
mm/dd/yyyy
Upgrade Time
hh:mm
Upgrade Type
Update Type
Retry Amount
3
Time Zone
(GMT+07:00) Indochina Time - Bangkok
Back
Cancel
Save Draft
Update
Dashboard
Find Me
App Manager
Cloud Security
Stakeholders
Devices Manager
Device Registry
Device Manager
Hardware Manager
Audit Log
Global Setting
Logout
Collapse
Activate
New Task
Action
Showing 1-5 of 20


Device Manager
Device Management / Device Manager
John Butler
Admin
Dashboard
Find Me
App Manager
Cloud Security
Stakeholders
Devices Manager
Device Registry
Device Manager
Hardware Manager
Audit Log
Global Setting
Logout
Collapse
Update Task
Create Task
12/12/25 11:57 AM
Template
12/12/25 11:57 AM
Active Task
12/12/25 11:57 AM
4
Processing
12/12/25 11:57 AM
5
Completed
Linkly
Version: QA_1.3.0.9
Type:
Parameter App
Update Time
12/12/25 11:57 AM
Package Name
com.xcr.singleapp
File Size
55.2MB
Execution Status
Active
Step 1
Completed
Start Update Task
12/12/25 11:59 AM
Step 2
Completed
APK Download
12/12/25 11:59 AM
Step 3
Processing
Template Download
12/12/25 11:59 AM
Total Duration
00:02:11
Task Summary
Wi-fi Only
Force Update
Push Immediately
Update Bundle
Linkly.apk
QA_1.3.0.9
Step 3 - Processing
Linkly Template 1
SN: 0868324405
Force Reboot
Edit Task
Cancel Task
Continue in Background
Activate
Operation History
New Task
Action
10
Showing 1-5 of 20
1
5


Device Manager
Device Management / Device Manager
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Hardware Manager
Audit Log
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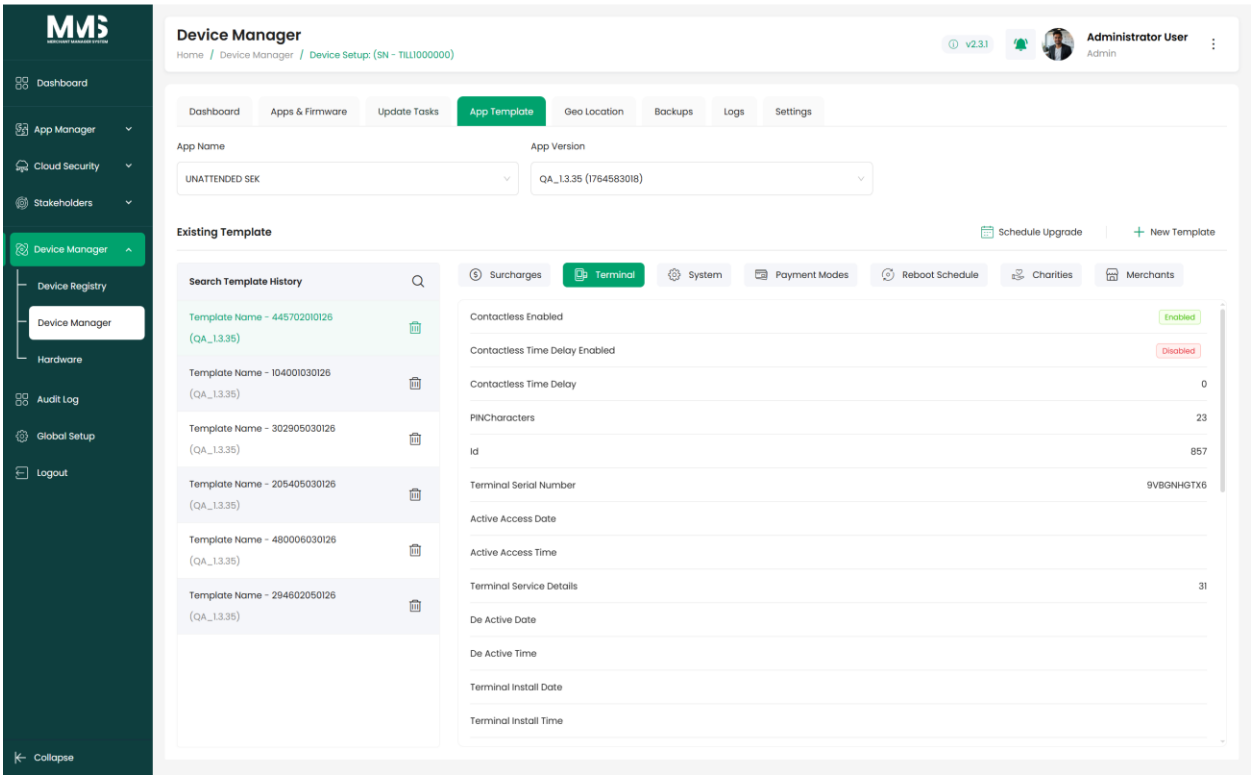
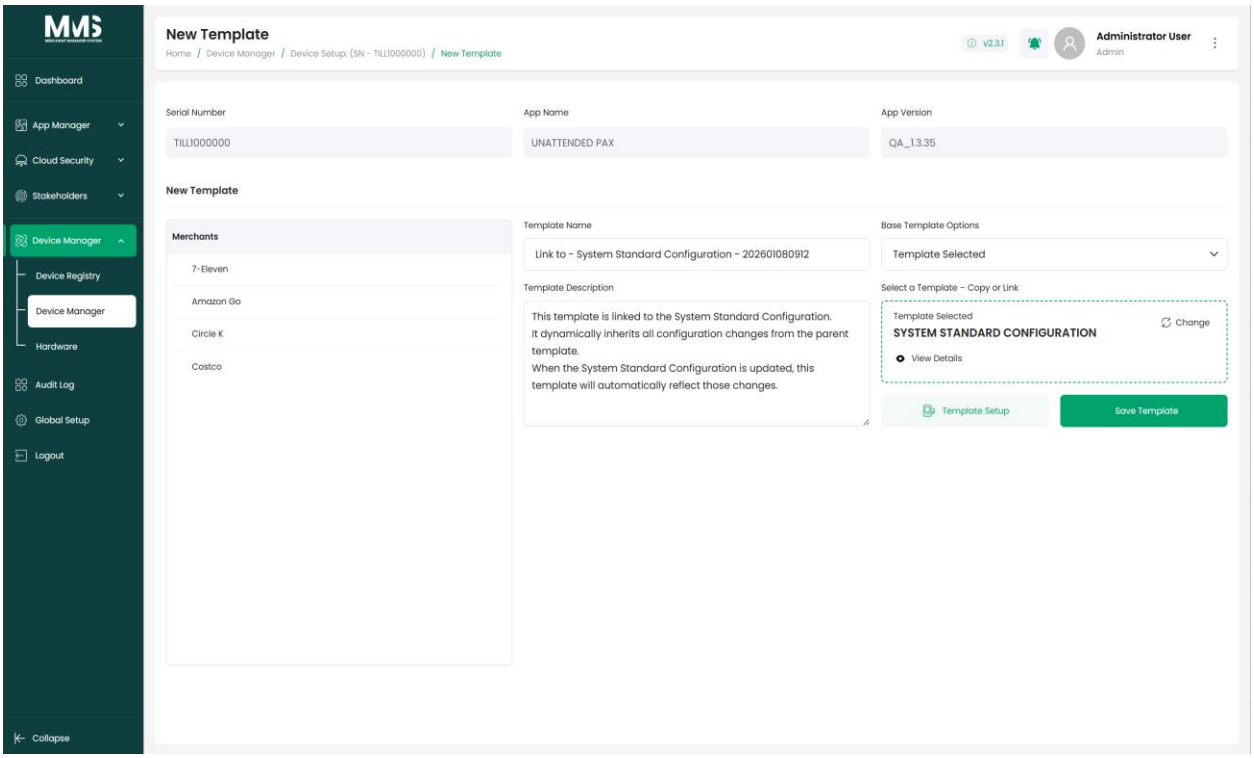
Update Task
Create Task
12/12/25 11:57 AM
Template
12/12/25 11:57 AM
Active Task
12/12/25 11:57 AM
Processing
12/12/25 11:57 AM
Completed
12/12/25 11:57 AM
Linkly
Version: QA_1.3.0.9
Type:
Parameter App
Update Time
12/12/25 11:57 AM
Package Name
com.xcr.singleapp
File Size
55.2MB
Updated tasks successful
App 12/12/25 11.57 AM - Template 12/12/25 11.57 AM - Firmware 12/12/25 11.57 AM
Update Bundle
Linkly.apk
QA_1.3.0.9
Completed Successful
Linkly Template 1
SN: 0868324405
Force Reboot
Close
Activate
Operation History
New Task
Action
10
Showing 1-5 of 20
1
5

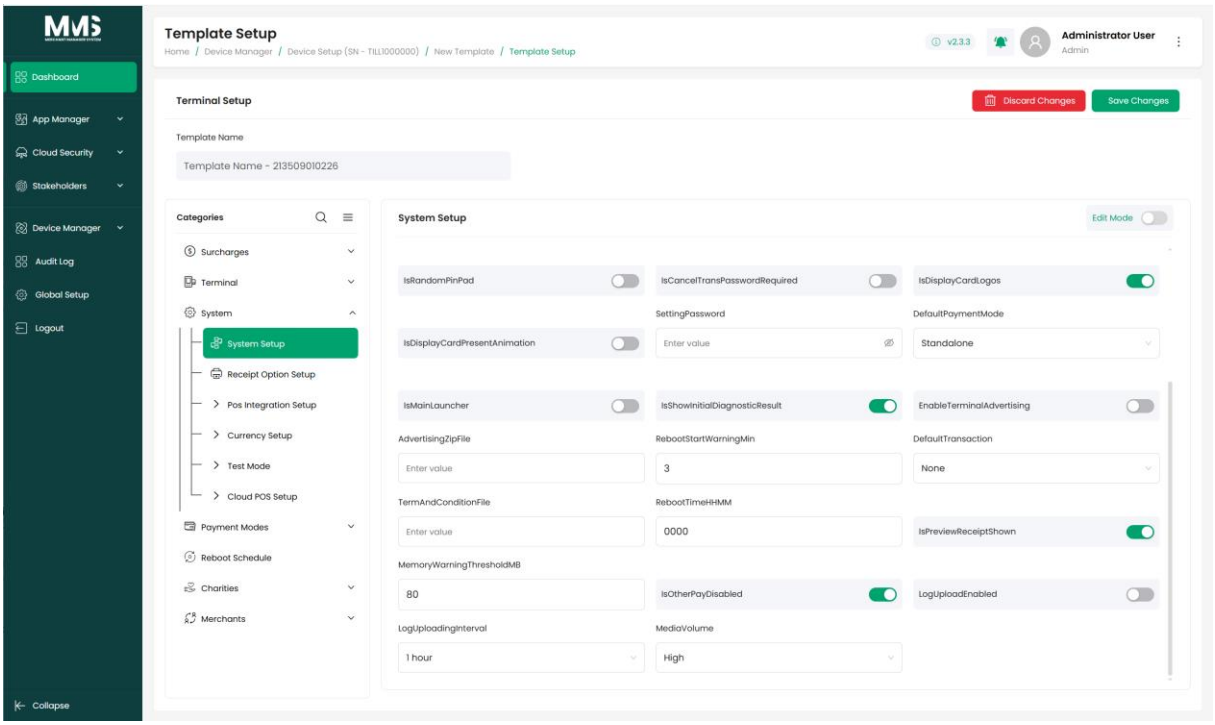
d. App Template

Status: Completed

Reference Images:



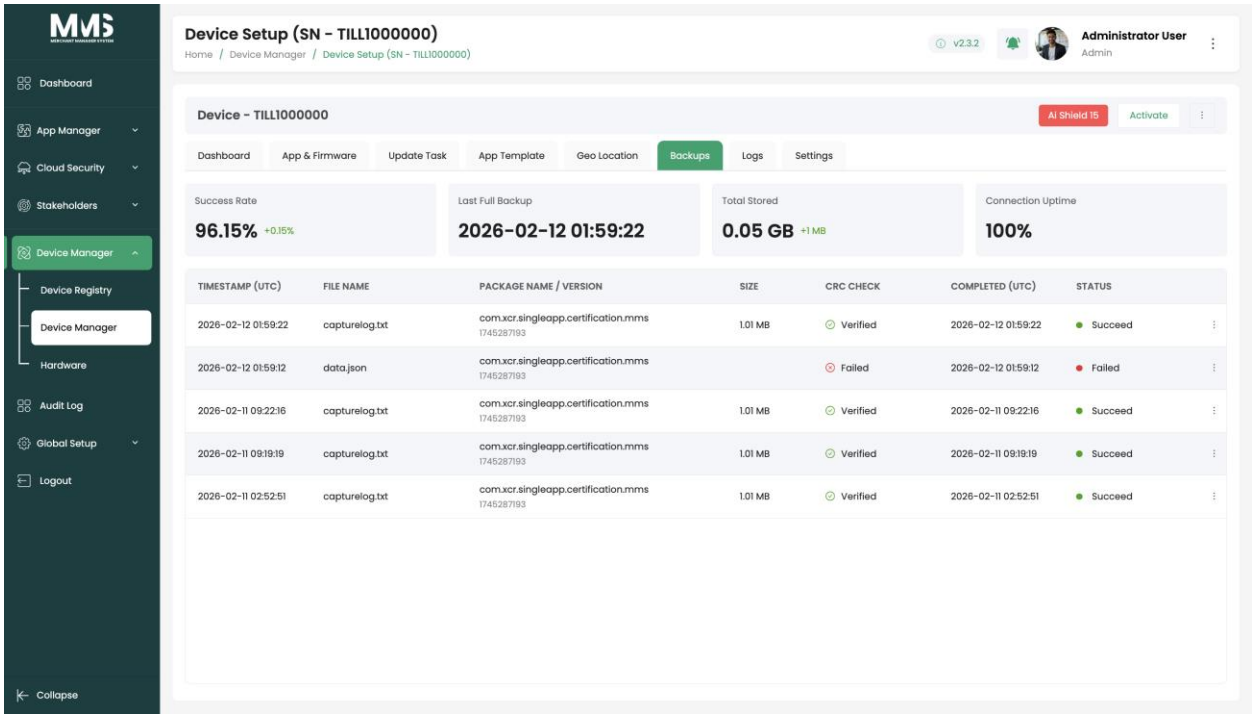




e. Backups

Status: Completed

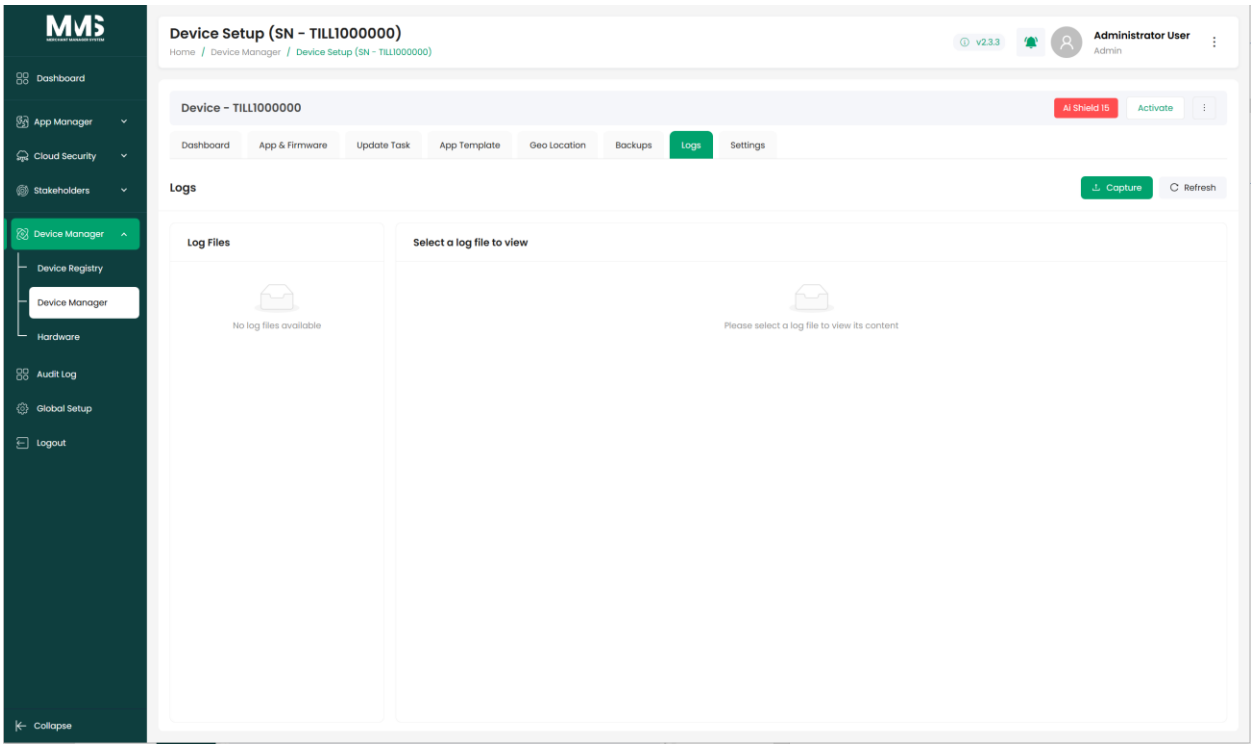
Reference Images:



f. Logs

Status: Completed

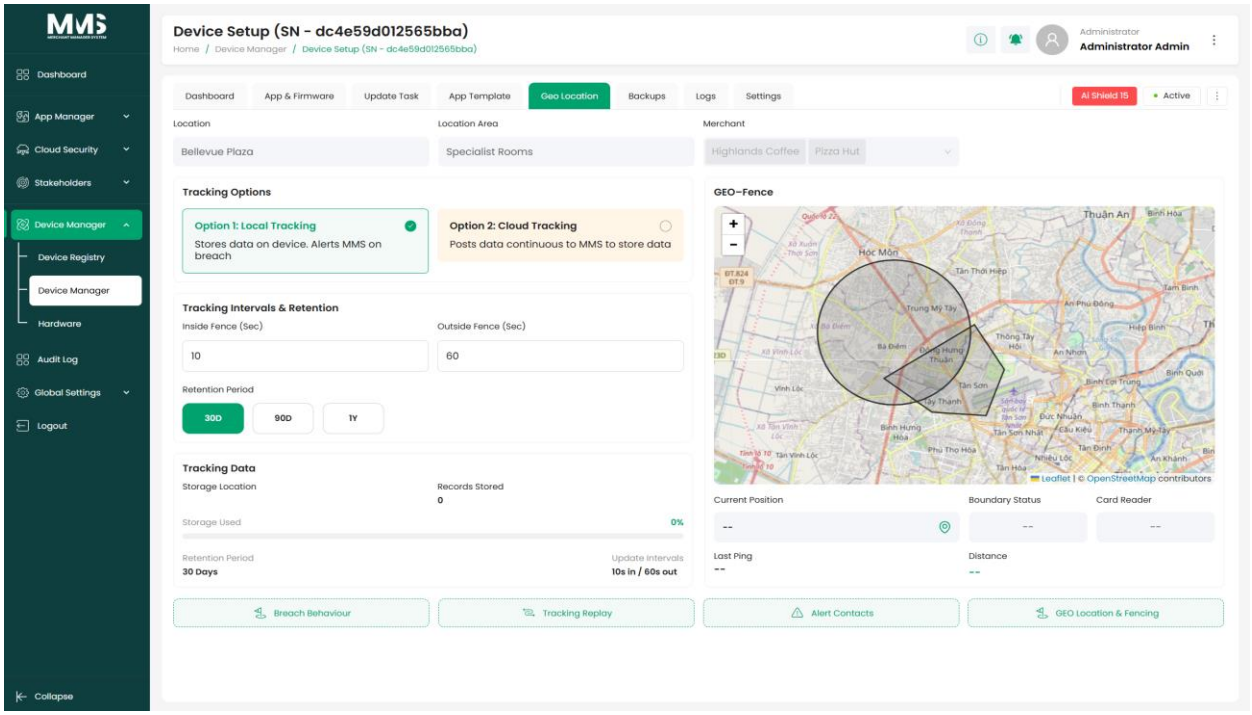
Reference Images:

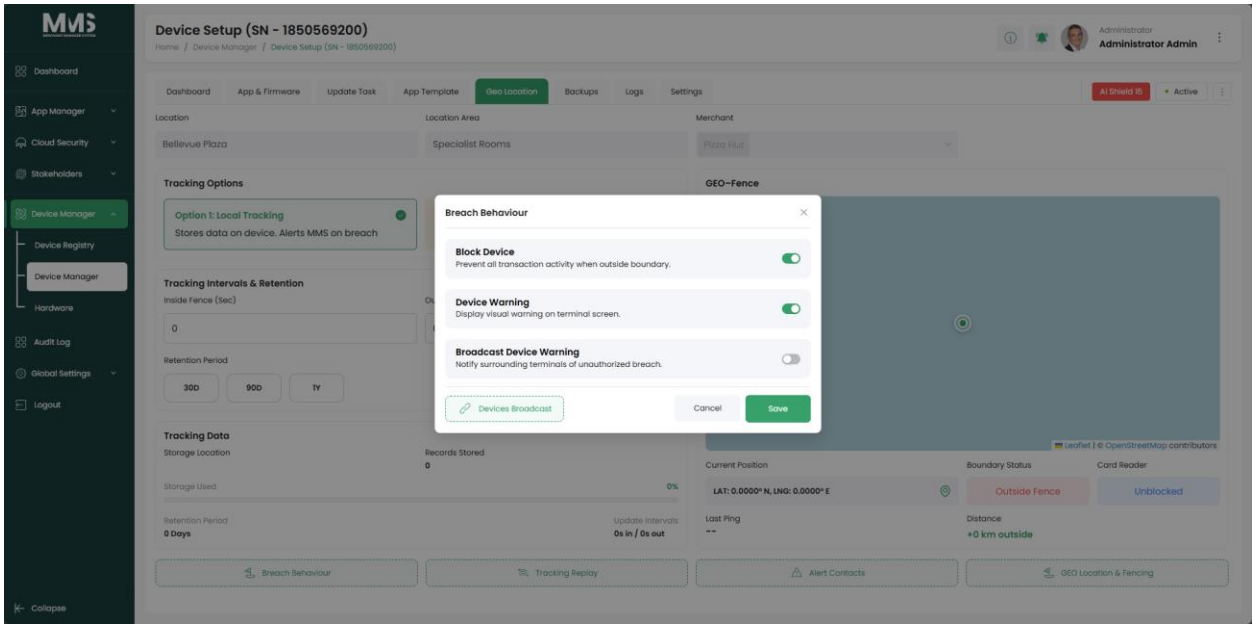


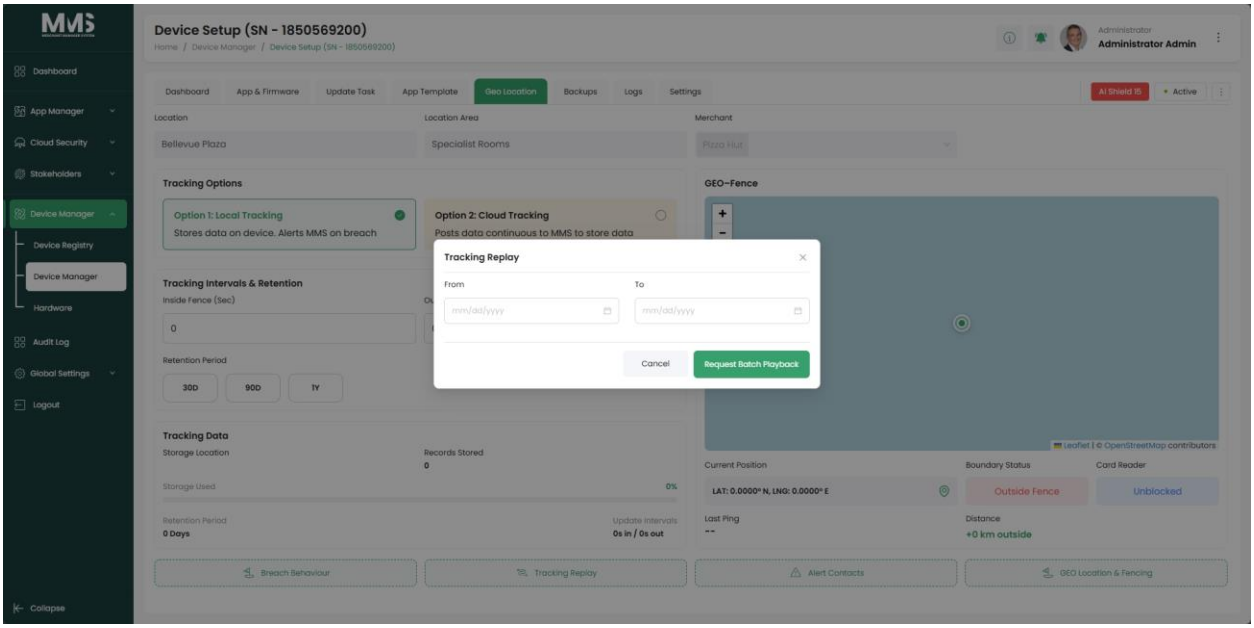
g. Geo Location

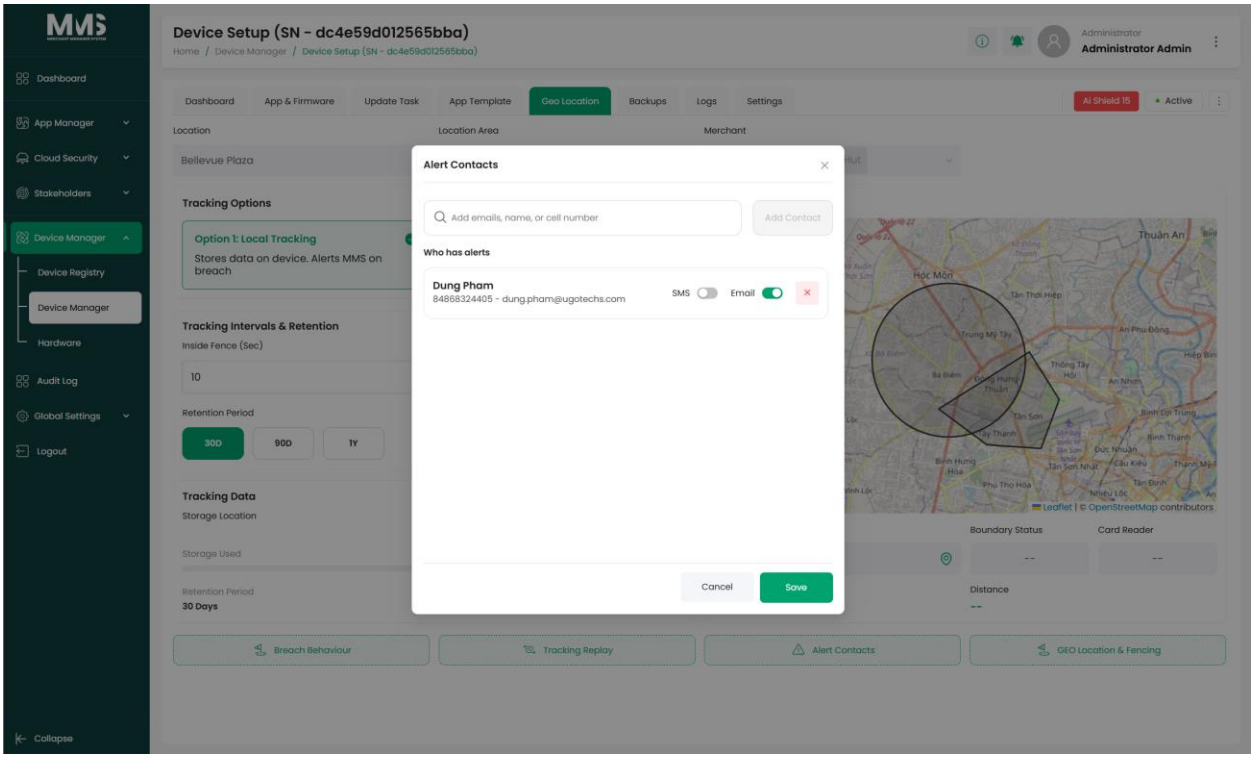
Status: Completed

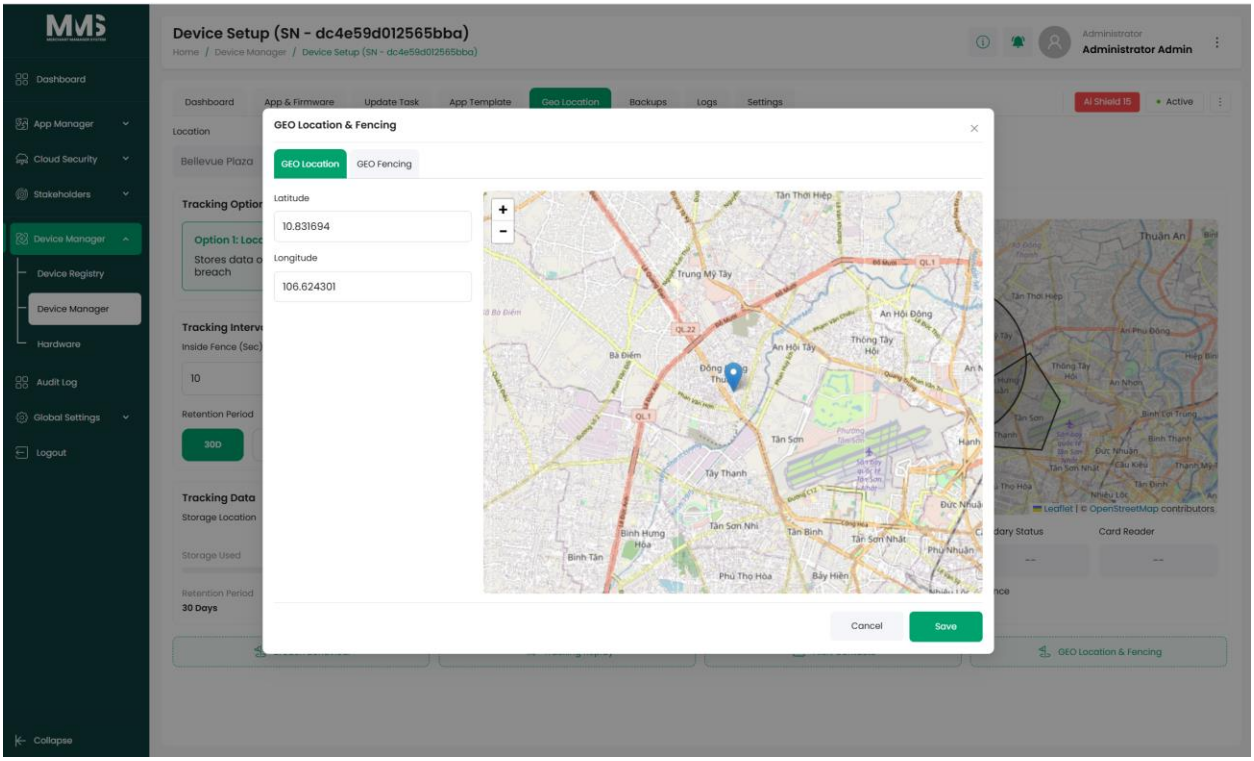
Reference Images:

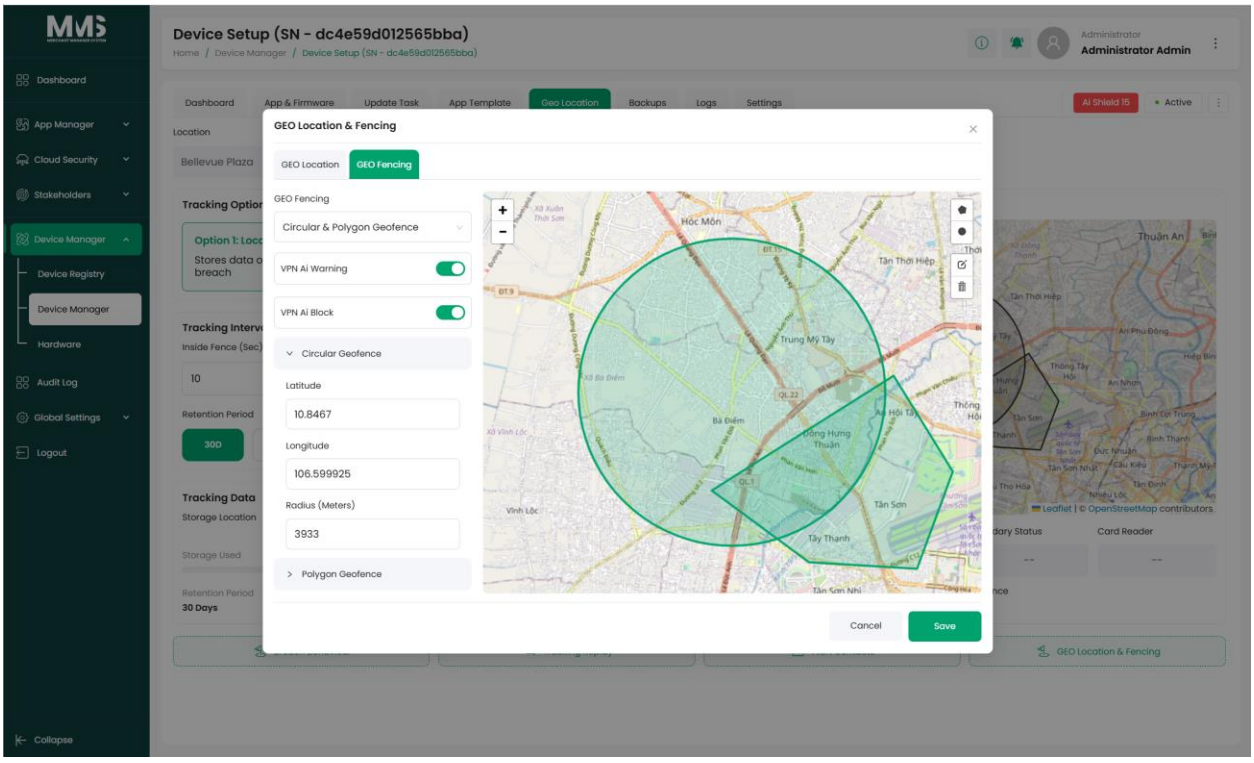





Device Setup (SN - 1850569200)
Administrator Admin
Tracking Replay
From
To
Cancel
Request Batch Playback


Device Setup (SN - dc4e59d012565bba)
Administrator Admin
Alert Contacts
Add emails, name, or cell number
Add Contact
Who has alerts
Dung Pham
84868324405 - dung.pham@ugotechs.com
SMS
Email
Cancel
Save

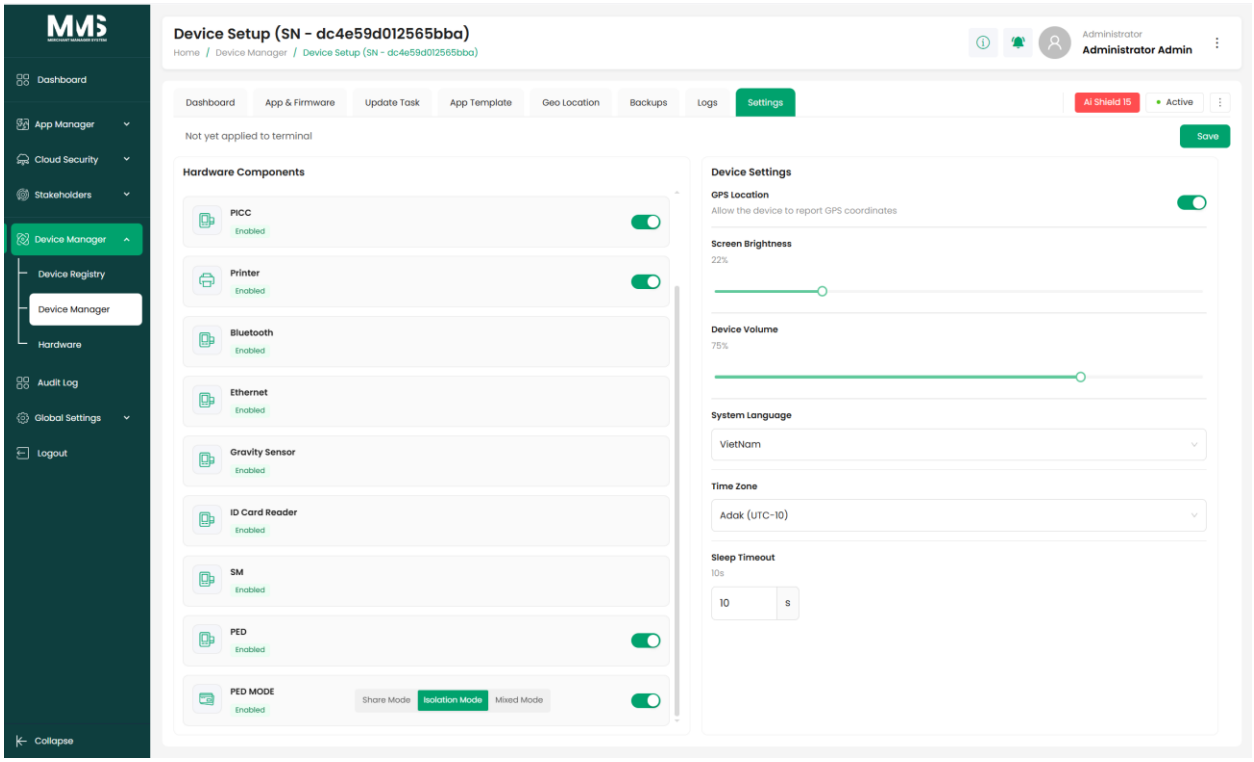

Device Setup (SN - dc4e59d012565bba)
GEO Location & Fencing
GEO Location
GEO Fencing
Latitude
10.831694
Longitude
106.624301
Cancel
Save


Device Setup (SN - dc4e59d012565bba)
GEO Location & Fencing
GEO Location
GEO Fencing
GEO Fencing
Circular & Polygon Geofence
VPN AI Warning
VPN AI Block
Circular Geofence
Latitude
10.8467
Longitude
106.599925
Radius (Meters)
3933
Polygon Geofence
Cancel
Save

h. Settings

Status: Completed

Reference Images:



5.3. Hardware Management

Description

Provides a centralized management module for defining and maintaining hardware specifications used within the system. Hardware Manager controls the master data of brands, models, OS versions, and firmware versions, ensuring consistency and standardization across all registered devices.

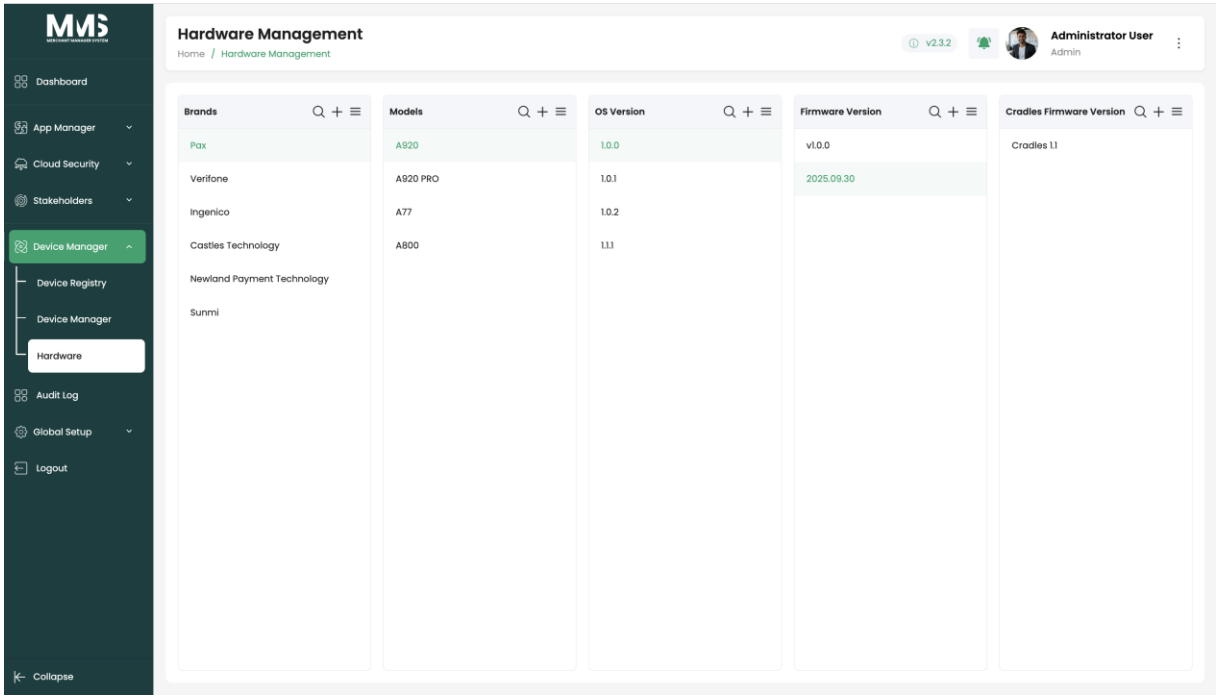
This module serves as the reference layer for device configuration. All devices created in the Device Registry must align with hardware definitions maintained here.

Key Capabilities

- ***Brand**: Create and manage supported hardware brands (e.g., Pax, Verifone, Ingenico).*
- ***Model**: Define and maintain device models under each brand.*
- ***OS Version Control**: Register and manage supported OS versions per model.*
- ***Firmware Version**: Maintain firmware versions associated with specific hardware models.*
- ***Cradle Firmware Version**: Track and manage cradle firmware versions where applicable.*

Status: Completed

Reference Images:



6. Global Setup

6.1 Settings

Description

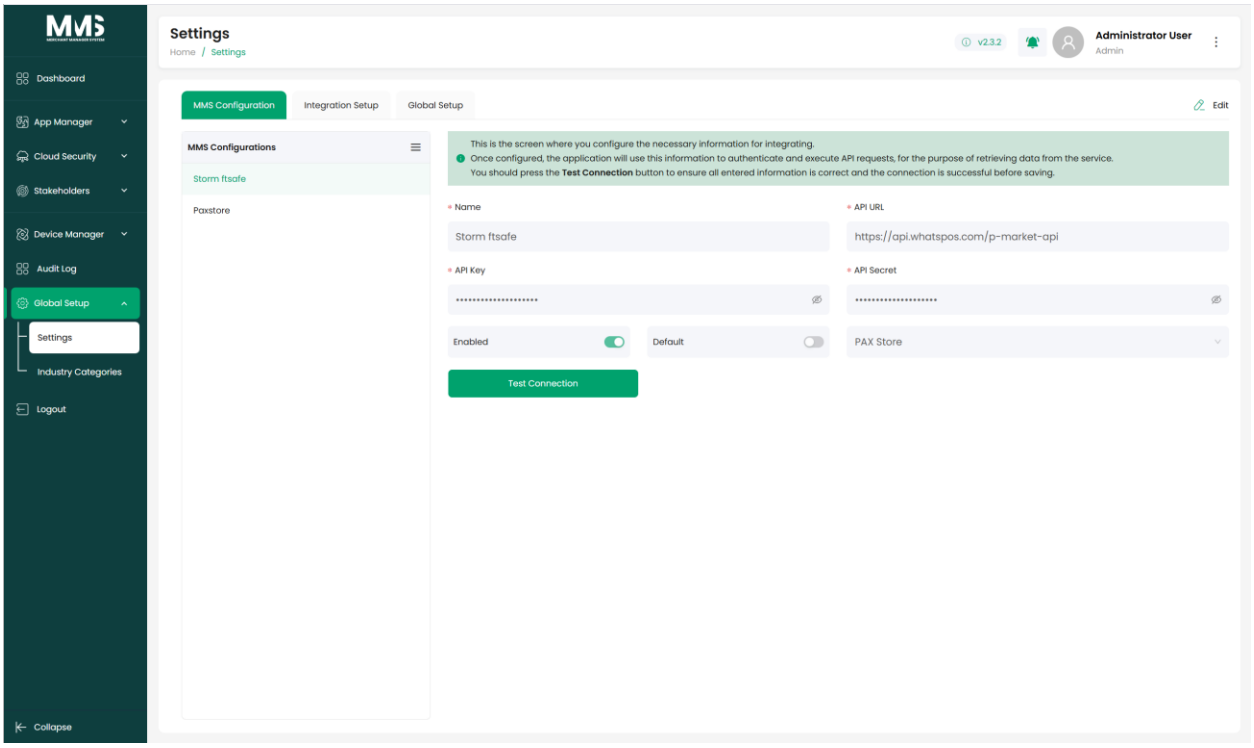
Provides centralized configuration options for managing system-wide and integration-related settings. The Settings module allows administrators to control global behavior, integrations, and core MMS configurations from a single location.

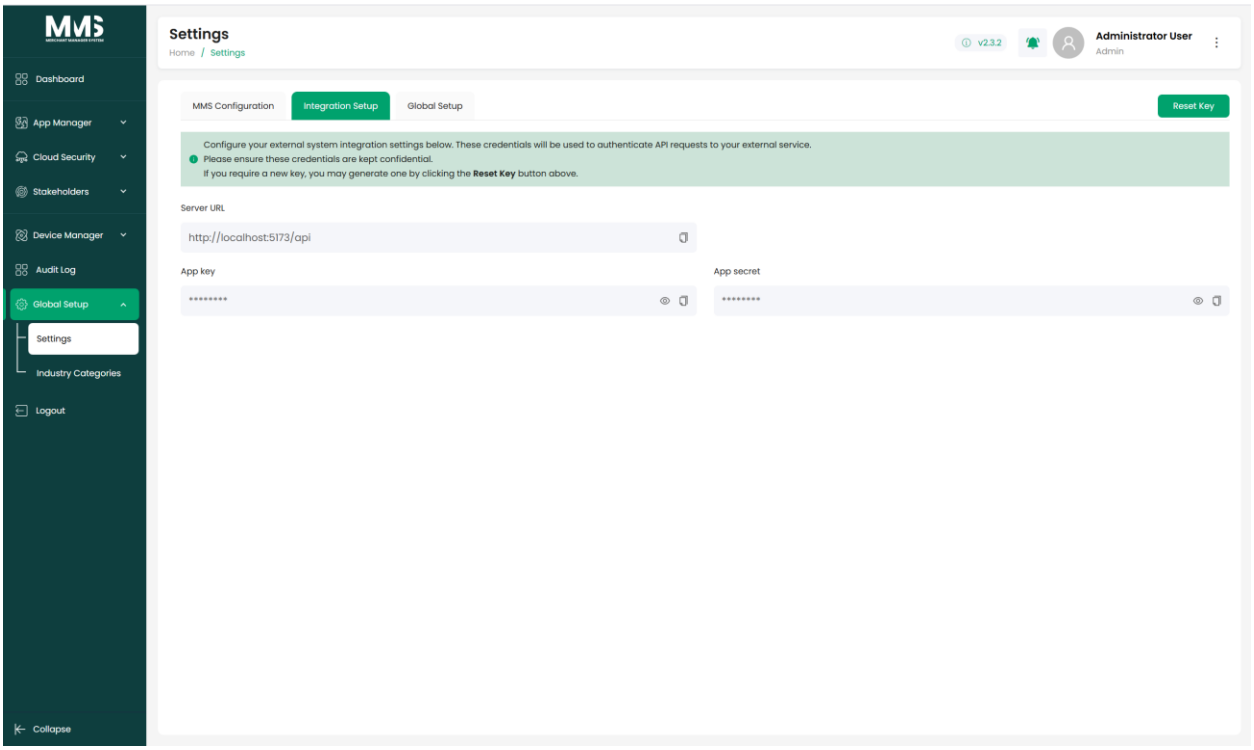
Key Capabilities

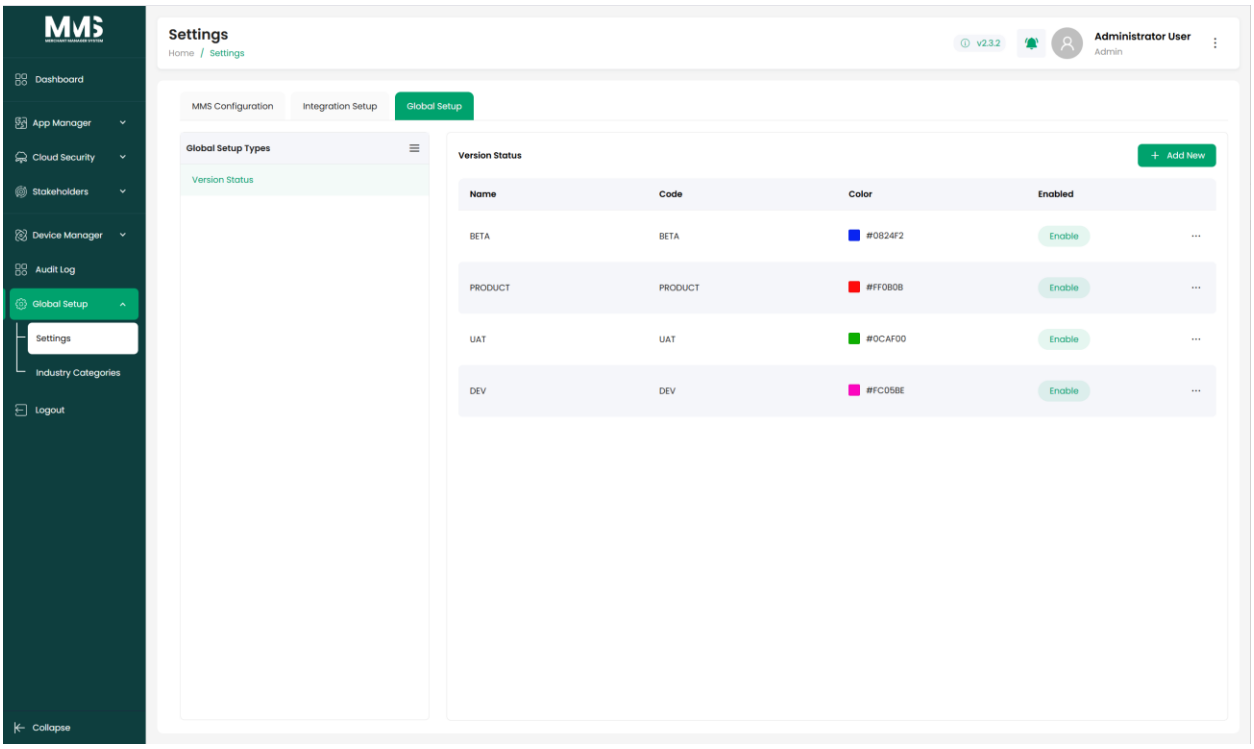
- ***MMS Configuration***: Configure core system settings that control overall MMS behavior and operational rules
- ***Integration Setup***: Manage and configure integrations with external systems and services
- ***Global Setup***: Define global parameters
- ***File Cleanup Settings*:** Manage your file retention and automatic cleanup policies. (for backups and logs file)

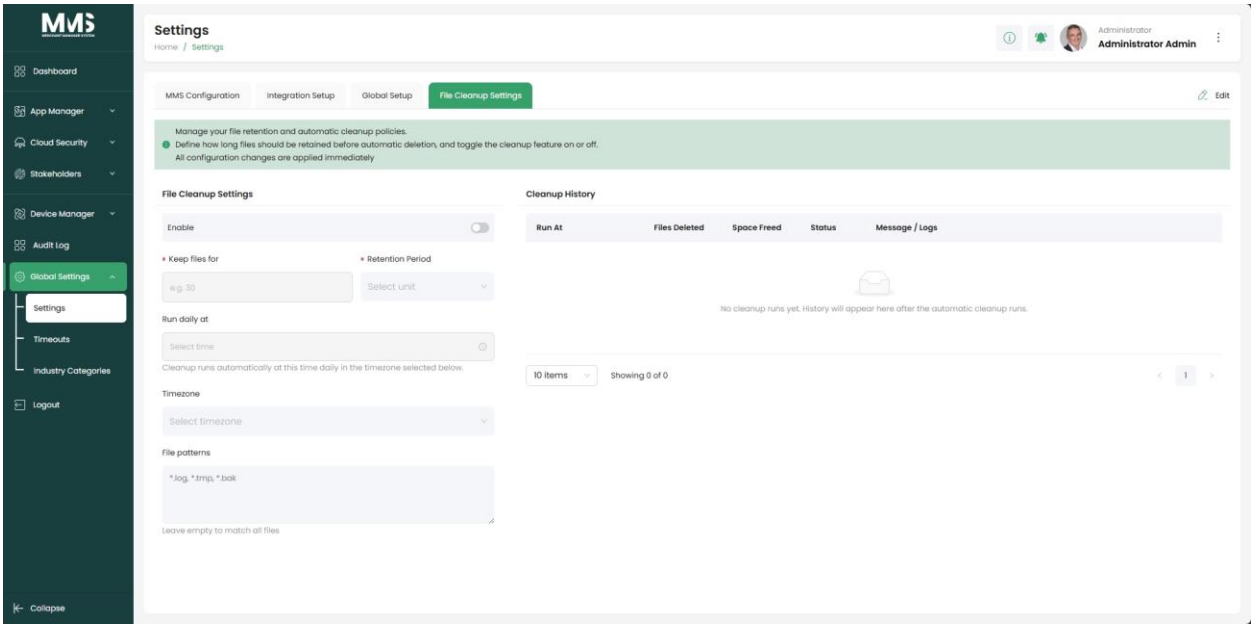
Status: Completed

Reference Images:




MMS
Settings
Home / Settings
v2.3.2
Administrator User
Admin
Dashboard
App Manager
Cloud Security
Stakeholders
Device Manager
Audit Log
Global Setup
Settings
Industry Categories
Logout
Collapse
MMS Configuration
Integration Setup
Global Setup
Reset Key
Configure your external system integration settings below. These credentials will be used to authenticate API requests to your external service.
Please ensure these credentials are kept confidential.
If you require a new key, you may generate one by clicking the Reset Key button above.
Server URL
http://localhost:5173/api
App key
App secret


MMS
Settings
Home / Settings
v2.3.2
Administrator User
Admin
Dashboard
App Manager
Cloud Security
Stakeholders
Device Manager
Audit Log
Global Setup
Settings
Industry Categories
Logout
Collapse
MMS Configuration
Integration Setup
Global Setup
Global Setup Types
Version Status
Version Status
Add New
Name
Code
Color
Enabled
BETA
BETA
#0B24F2
Enable
PRODUCT
PRODUCT
#FF0B0B
Enable
UAT
UAT
#0CAF00
Enable
DEV
DEV
#FC05BE
Enable



6.2 Timeouts

Description

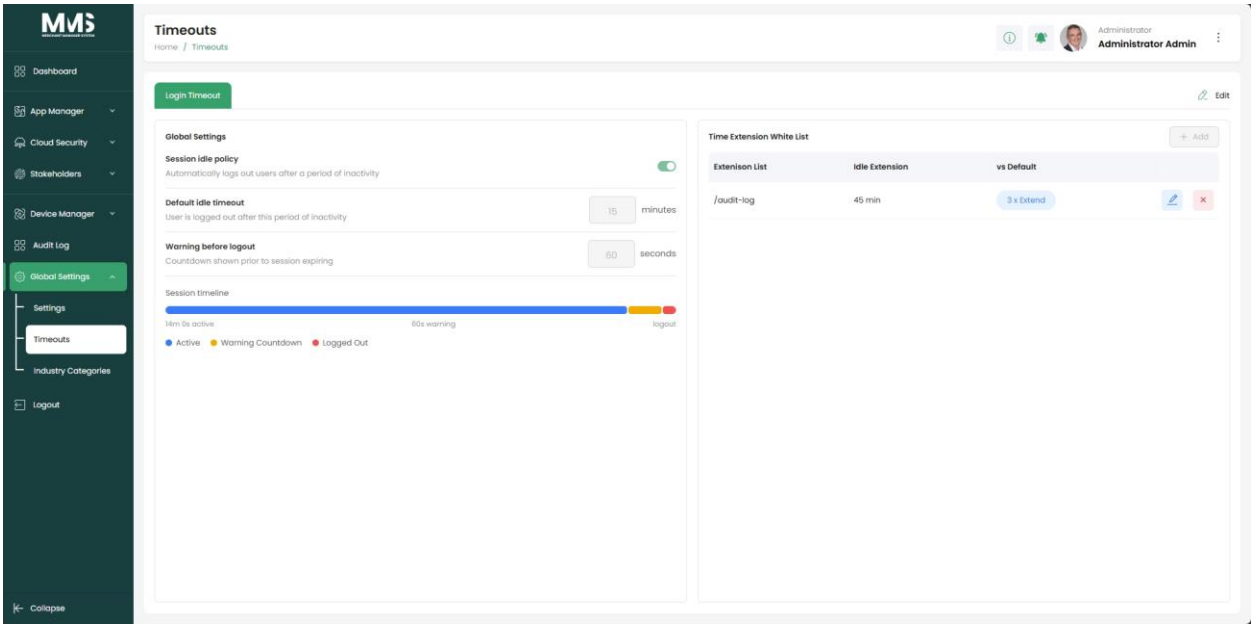
Provides centralized session timeout management to control user inactivity behavior across the system. The Timeouts module enables administrators to define default idle session durations, warning countdowns before automatic logout, and exception-based timeout extensions for specific pages or modules. This helps improve platform security while maintaining usability for operational workflows that require extended active sessions.

Key Capabilities

- Configure a global session idle policy for automatic logout after inactivity
- Define default idle timeout duration for all users and sessions
- Configure warning countdown duration before session expiration
- Display session activity timeline including active, warning, and logout states
- Manage Time Extension White List for specific modules or pages requiring longer session duration
- Configure extended timeout values for selected routes or system functions (e.g., Audit Log)
- Support centralized editing and maintenance of timeout configurations across the platform

Status: Completed

Reference Images:



6.3 Industry Categories

Description

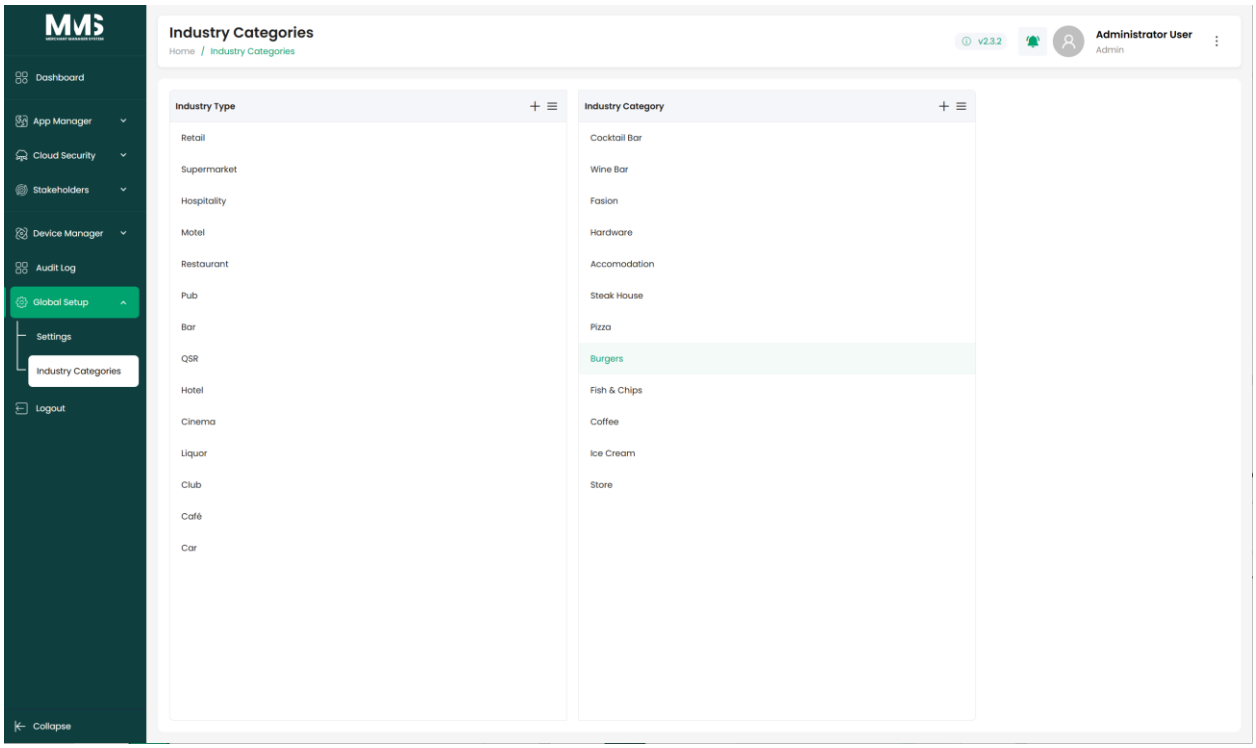
Provides a standardized classification framework for defining industry types and industry categories within the system. Industry Categories are used to consistently classify merchants, enabling better organization, configuration, reporting, and industry-specific behavior across the platform.

Key Capabilities

- Manage a centralized list of **Industry Types** (e.g., Retail, Hospitality, Restaurant, Hotel)
- Manage a centralized list of **Industry Category** (e.g., Cocktail Bar, Wine Bar, Fashion, Hardware)

Status: Completed

Reference Images:


Industry Categories
Home / Industry Categories
v2.3.2
Administrator User
Admin
Dashboard
App Manager
Cloud Security
Stakeholders
Device Manager
Audit Log
Global Setup
Settings
Industry Categories
Logout
Collapse
Industry Type
Retail
Supermarket
Hospitality
Motel
Restaurant
Pub
Bar
QSR
Hotel
Cinema
Liquor
Club
Café
Car
Industry Category
Cocktail Bar
Wine Bar
Fasion
Hardware
Accomodation
Steak House
Pizza
Burgers
Fish & Chips
Coffee
Ice Cream
Store

7. Audit Log

Description

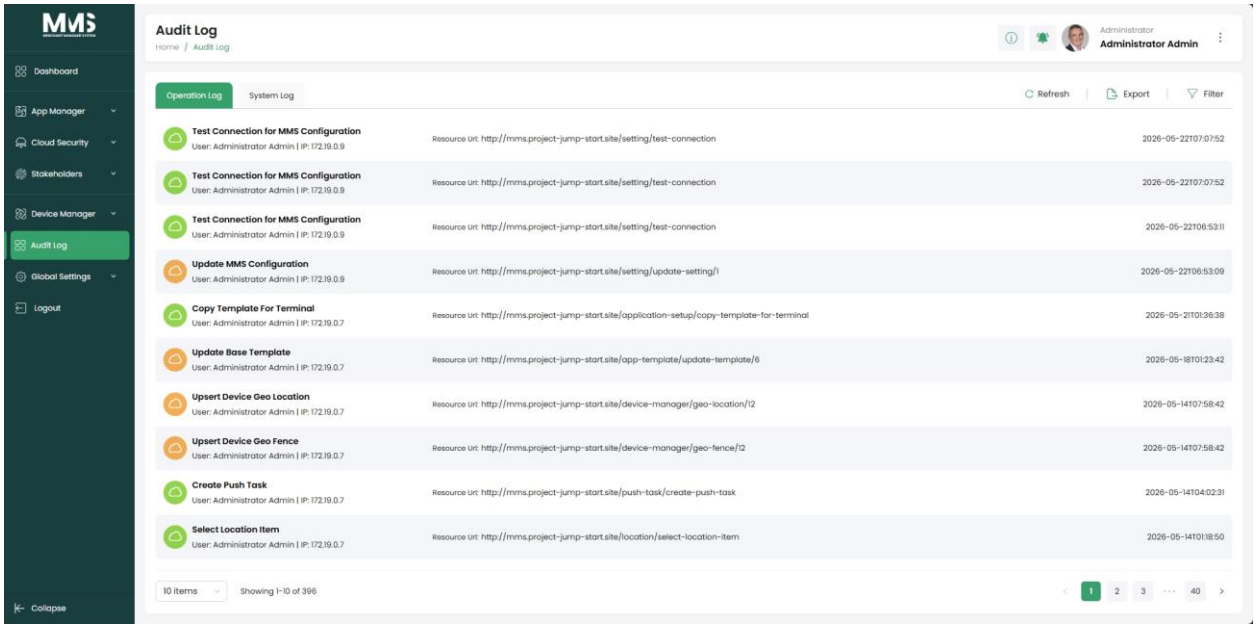
Provides centralized audit logging and activity tracking across the system. The Audit Log module records user actions, configuration changes, system events, and operational activities to ensure traceability, accountability, and security monitoring. It enables administrators to review historical activities, monitor system usage, and support compliance and troubleshooting processes.

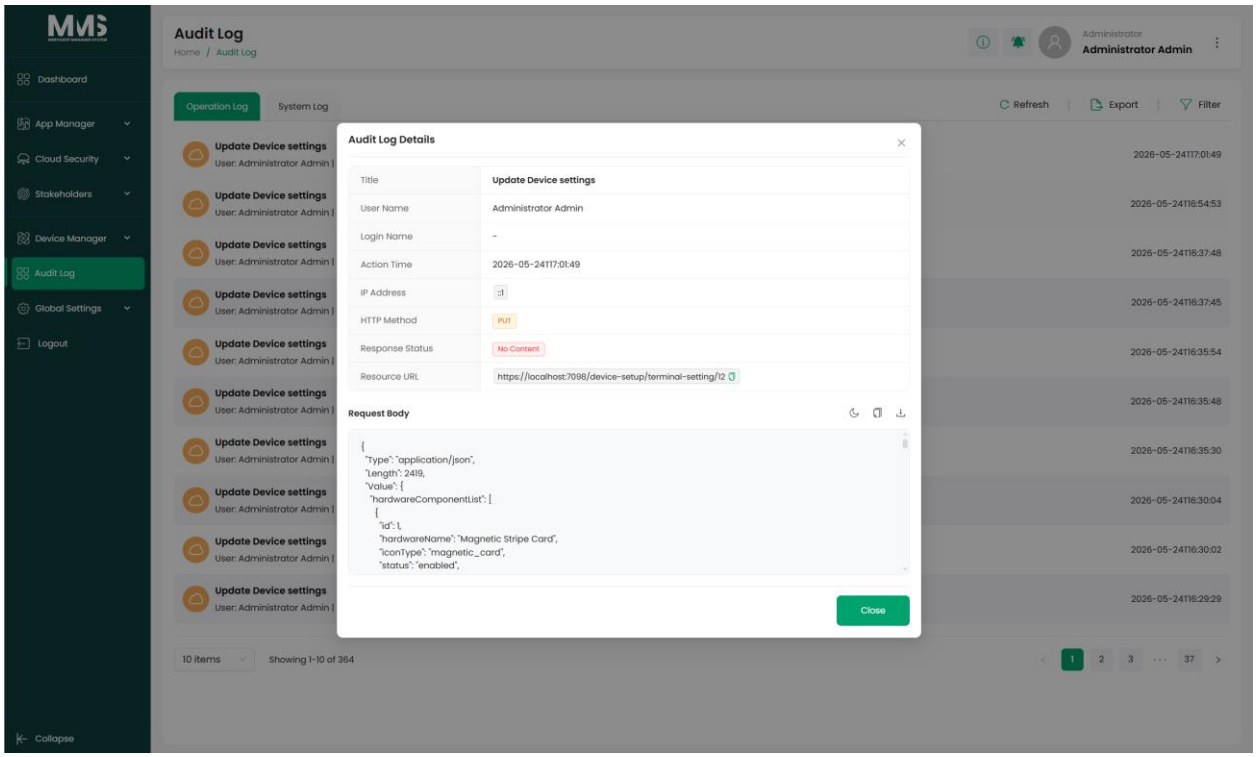
Key Capabilities

- Capture and maintain detailed records of user and system activities
- Track configuration changes, updates, and operational actions performed within the platform
- Record user information, IP address, accessed resource URL, and event timestamp for each activity
- Provide separate views for Operation Logs and System Logs
- Enable filtering and searching of audit records for easier investigation and analysis
- Support export of audit log data for reporting, compliance, and external review purposes
- Provide chronological tracking of activities to support troubleshooting and security investigations

Status: Completed

Reference Images:


MMS
Audit Log
Home / Audit Log
Administrator
Administrator Admin
Dashboard
App Manager
Cloud Security
Stakeholders
Device Manager
Audit Log
Global Settings
Logout
Collapse
Operation Log
System Log
Refresh
Export
Filter
Test Connection for MMS Configuration
User: Administrator Admin | IP: 172.19.0.9
Resource Url: http://mms.project-jump-start.site/setting/test-connection
2026-05-22T07:07:52
Test Connection for MMS Configuration
User: Administrator Admin | IP: 172.19.0.9
Resource Url: http://mms.project-jump-start.site/setting/test-connection
2026-05-22T07:07:52
Test Connection for MMS Configuration
User: Administrator Admin | IP: 172.19.0.9
Resource Url: http://mms.project-jump-start.site/setting/test-connection
2026-05-22T06:53:11
Update MMS Configuration
User: Administrator Admin | IP: 172.19.0.9
Resource Url: http://mms.project-jump-start.site/setting/update-setting/1
2026-05-22T06:53:09
Copy Template For Terminal
User: Administrator Admin | IP: 172.19.0.7
Resource Url: http://mms.project-jump-start.site/application-setup/copy-template-for-terminal
2026-05-21T01:36:38
Update Base Template
User: Administrator Admin | IP: 172.19.0.7
Resource Url: http://mms.project-jump-start.site/app-template/update-template/6
2026-05-18T01:23:42
Upsert Device Geo Location
User: Administrator Admin | IP: 172.19.0.7
Resource Url: http://mms.project-jump-start.site/device-manager/geo-location/12
2026-05-14T07:58:42
Upsert Device Geo Fence
User: Administrator Admin | IP: 172.19.0.7
Resource Url: http://mms.project-jump-start.site/device-manager/geo-fence/12
2026-05-14T07:58:42
Create Push Task
User: Administrator Admin | IP: 172.19.0.7
Resource Url: http://mms.project-jump-start.site/push-task/create-push-task
2026-05-14T04:02:31
Select Location Item
User: Administrator Admin | IP: 172.19.0.7
Resource Url: http://mms.project-jump-start.site/location/select-location-item
2026-05-14T01:18:50
10 items
Showing 1-10 of 396
1
2
3
40


MMS
Audit Log
Home / Audit Log
Administrator
Administrator Admin
Dashboard
App Manager
Cloud Security
Stakeholders
Device Manager
Audit Log
Global Settings
Logout
Collapse
Operation Log
System Log
Refresh
Export
Filter
Audit Log Details
Title
Update Device settings
User Name
Administrator Admin
Login Name
-
Action Time
2026-05-24T17:01:49
IP Address
::1
HTTP Method
PUT
Response Status
No Content
Resource URL
https://localhost:7098/device-setup/terminal-setting/12
Request Body
{
"Type": "application/json",
"Length": 2419,
"Value": {
"hardwareComponentList": [
{
"id": 1,
"hardwareName": "Magnetic Stripe Card",
"iconType": "magnetic_card",
"status": "enabled",
Close
10 items
Showing 1-10 of 364
1
2
3
37

8. Bulk Changes

8.1. Template Amendments

Description

The Template Amendments module provides centralized management for updating, modifying, and applying configuration changes to device templates across the platform. It enables administrators to create and manage amendment rules for device configurations, application settings, transaction parameters, and operational behaviors in bulk. The module supports structured amendment workflows, template version tracking, scheduled deployment, and device-level monitoring to ensure consistent and controlled configuration management across merchant environments.

Key Capabilities

- Capture and maintain detailed records of user and system activities
- Create, edit, activate, deactivate, and remove template amendment configurations
- Manage amendment rules for application parameters, transaction settings, fees, limits, and device behaviors
- Apply bulk configuration changes to groups of devices or merchant environments through centralized templates
- Support scheduled updates and controlled deployment of template amendments to target devices
- Provide device filtering and saved filter options to simplify device selection and amendment targeting

Status: Progress - EST (05/31/2026)

8.2. Base Template Assign

Status: Design UI - EST (05/31/2026)