

24

*Years of
Group
Innovation*



INVENTORY SOLUTION



Introduction

As you surely know, efficient inventory management is a difficult task. This is especially true if your company depends on manual management of the activities involved. Additionally, inventory management is an essential component of your company's supply chain. Certainly, there are methods that help you manage your inventory more efficiently, saving you both time and money. Inventory management solutions offer a set of tools to assist firms in controlling their inventory procedures. However, each company's requirements are unique. As a result, you must construct an inventory management solution needs list in order to select a product that is a good fit.

The Synergy inventory solution is a powerful tool that can keep your organization in compliance with the latest industry standards. Our solution allows the user to make online requisitions for items, and service requests, automate the process of PO-generation; material receive, issue, and return, manage the inter-unit stock transfer, and provide clear stock visibility.

Objectives

1. Keeping costs controlled
2. Increase profits
3. Reducing theft
4. Managing cash flow
5. Customers get product

Outcomes

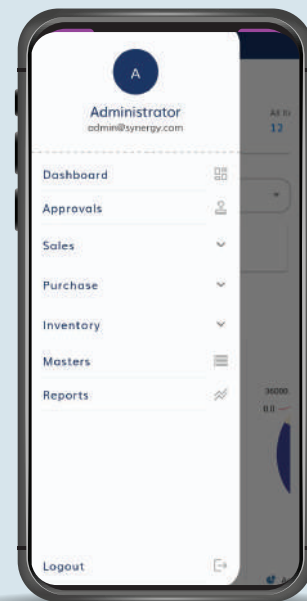
1. Automated inventory management
2. Inventory forecasting for holiday and peak season readiness
3. Prevent stockouts and overselling
4. Improving supply chain operations
5. Add new selling channels easily

Solution Features

1. Management of Asset/Stock/Consumables/Service
2. Easy tracking of Inventory quantity
3. Tracking of daily/monthly/
4. Inventory item visibility yearly transactions
5. Inventory serialization & coding
6. Role-based/amount-based approvals
7. Easy planning for Inventory purchase
8. HSN/SAC Mapping
9. Many more functionalities from the Synergy Platform
10. Performance analysis

Mobile App

Bring your idea to life and get set up for success! Our mobile app is a new opportunity to make difference.



Functional Specifications

Item Module

1. Item Definition (Asset/Stock/Consumable/Service)
2. Item Categorization
3. Item Opening Balance with verification
4. Item Shelf Organizing
5. Item Tracking with Serial number
6. Received/Issue/Return
7. Inter Unit Transfer
8. Physical Verification
9. Item Status-Dead Stock/Current Stock

Requisition Module

1. Add Requisition (Asset, Stock, Consumable, Service)
2. Configurable approval authority for requisition
3. Issuance against requisition
4. Tracking of requisition Status

Vendor Module

1. Company Information
2. Multiple Contacts detail
3. Vendor category Item mapping
4. Other Compliance with GST detail

Purchase Module

1. PO Generation (version control)
2. PO approval Process
3. Tracking of PO

Customer Module

1. Company Information
2. Multiple Contacts detail
3. Other Compliance with GST detail

Reports

1. Items History
2. Stock Report – Listing of Asset/Stock/Consumable
3. Invoice Details
4. Issue Type
5. Item group Info
6. Item Transfer
7. Order Book
8. Order Status
9. Received from Po
10. Requisition Status
11. Return to Vendor
12. Vendor category mapping

Dashboard Inventory

Items

The screenshot shows the 'Inventory Dashboard' with 'Item Search Criteria' and an 'Items List' table.

Item Name	Item Type	Item Category	Item Sub Category	Status	Actions
LAYS 100 Gm	Stock Inventory	Item Category 1	Item Sub Category 1	Active	
Pate 200g	Inventory	Test Inventory Category	Test Inventory Sub Category...	Draft	
Chips	Inventory	Test Inventory Category	Test Inventory Sub Category...	Draft	
Pate G 100 gm	Inventory	Test Inventory Category	Test Inventory Sub Category...	Active	
Good Day	Inventory	Test Inventory Category	Test Inventory Sub Category...	Active	

Direct Sales

The screenshot shows the 'Manage Direct Sales' form. It includes sections for 'Customer Information' and 'Project Information'.

Customer Information:

- Customer: Daniel
- Contact Person: --Select--
- Designation:
- Mobile No:
- Contact No:
- Email Id:
- Customer GST No:
- Customer Ref Number:
- Country: --Select--
- State: --Select--
- City: --Select--
- Shipping Address:

Project Information:

- Proposal Type:
- Proposal Source:

Requisition

The screenshot shows the 'Requisition' dashboard with 'Search Criteria' and a table for 'Requisitions Order(s)'.

Req. No.	Req. Date	Req. Status	Req. Value	Status	Prepared By	Actions
1-08413022-7	Wed 01/01/2022	gfy	50	Complete	40881746-2399-4967...	

Issue Requisition Item Requisition

The screenshot shows the 'Issue Requisition Item Requisition' form. It includes sections for 'Search Criteria' and 'Requisition Order'.

Search Criteria:

- Item Type: Inventory
- From Date: 1/1/2022
- To Date: 12/31/2022

Requisition Order:

Req. No.	Req. Date	Particular	Req. Value	Status	Prepared By	Actions
1-08413022-1	2022-01-01 00:00:00	gfy	50	Complete	ADMINISTRATOR	

Issue Type:

Issue Type	Issue Date	Issue To	Remarks	Actions
Customer	2022-01-01 00:00:00	Daniel		

Technical Specifications

Inventory Solution is compatible with all modern browsers and work on all devices and operating systems. Mobile application is available on all mobile platforms such as Android & Apple.

Hardware

The server can be hosted in the cloud or on-premise Data Center. Both per user and per core licenses are available.

Scalability

It is highly scalable with ability to add site servers for remote (different) locations in asynchronous mode. Read only replicas can be set for faster access in each geographic location.

Backup

The auto data backup as per set frequency. Backups can be restored easily, if required.

Secured Data

Data is secured while in motion and at rest.

Manageability

Easy to manage infrastructure as there is no overhead of maintaining relational database separately.

Technology and support

Thin client developed using Microsoft ASP.NET Core, HTML, CSS, JS along with PostgreSQL DB & Mongo DB. Other database support can be provided, if required.

Secured Data

Fastest GraphQL APIs for mobile and desktop applications.



Implementation

It can be implemented with high availability configuration and in cluster mode.

Localization

Local site servers speeds up reads and writes and minimize use of internet bandwidth. No single point of failure.

Upgradable

It can be upgraded without impacting operations by switching to failover servers, if required.

Single Sign On

Single sign on (SSO) integration capability with other SSO providers. User and role-based access control.

Easy Integration

It can be easily integrated with existing systems (ERP, CRM etc.) through web services APIs.

Desktop App

Desktop app developed using electron framework that is available on Windows, Linux and Mac.



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