

## AGen Digitalized Consignment Receiving and Return

In consignment system, stock belongs to the vendor/supplier, the consign item is stored and sold in the retailer's shop, the person responsible for the item exists and good condition belongs to retailer. However, retailers will only pay after items are sold. So, the accuracy of retailer items is very critical to match supplier billing quantity.

AGen digitalized receiving and return processes use digital way (Mobile devices, scanners or computers) instead of paper to perform recording and validation from existing system information.

By capturing the barcode on the item itself, perform quantity count and record in the AGen powered mobile device. This simple action complete the whole digitalization process.



## Planning and Setup.

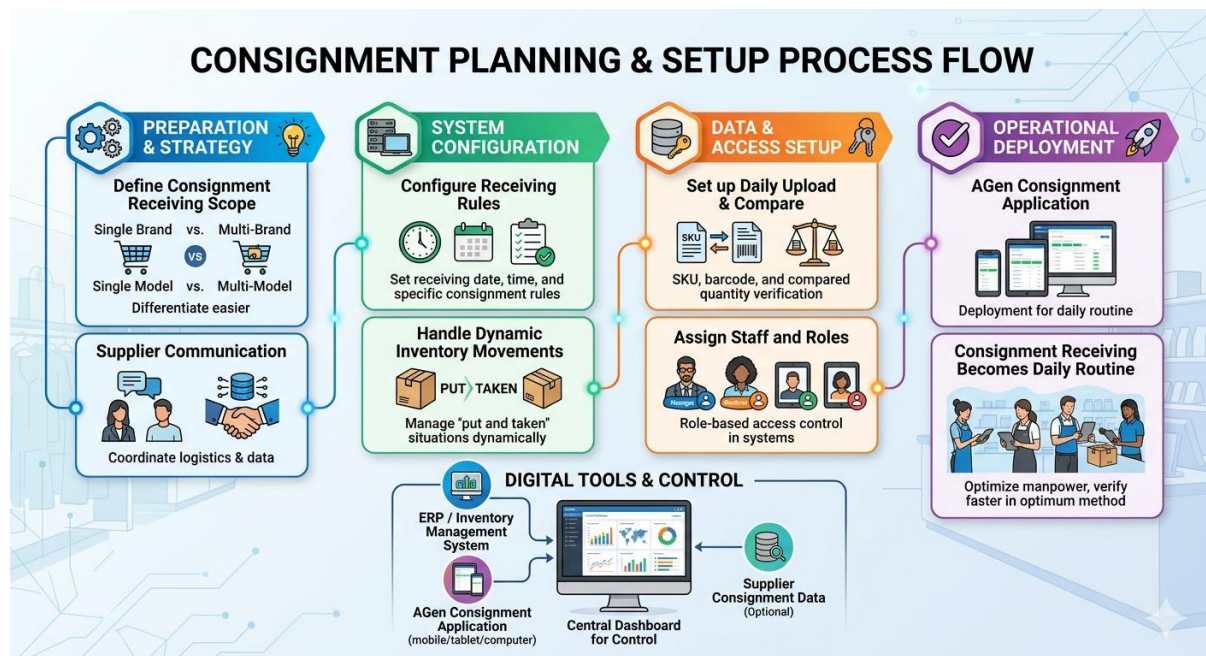
Prepare consignment verification systems, staff, supplier communication, and scope. Once the standard operating procedure (SOP) completely setup, consignment receiving and return will then become daily routine for the staff in the retail store with optimized manpower usage during the receiving verification process. Proper planning allows consignment to be performed in the faster and optimum method. Differentiation can be identified easier.

### Key activities

- Define consignment receiving scope (Single brand, multi brand, single model, multi model.).
- Dynamic consignment inventory movements (handle put and taken situation).
- Assign staff and roles in the system.
- Setup system for daily upload and compare (SKU, barcode, compared quantity).
- Configure consignment, receiving date, time, and receiving rules.

### Digital tools

- ERP / Inventory Management System
- AGen consignment application (mobile/tablet/computer)
- Supplier consignment data. (Optional)
- Central dashboard for control



## Device & User Login

### Objective

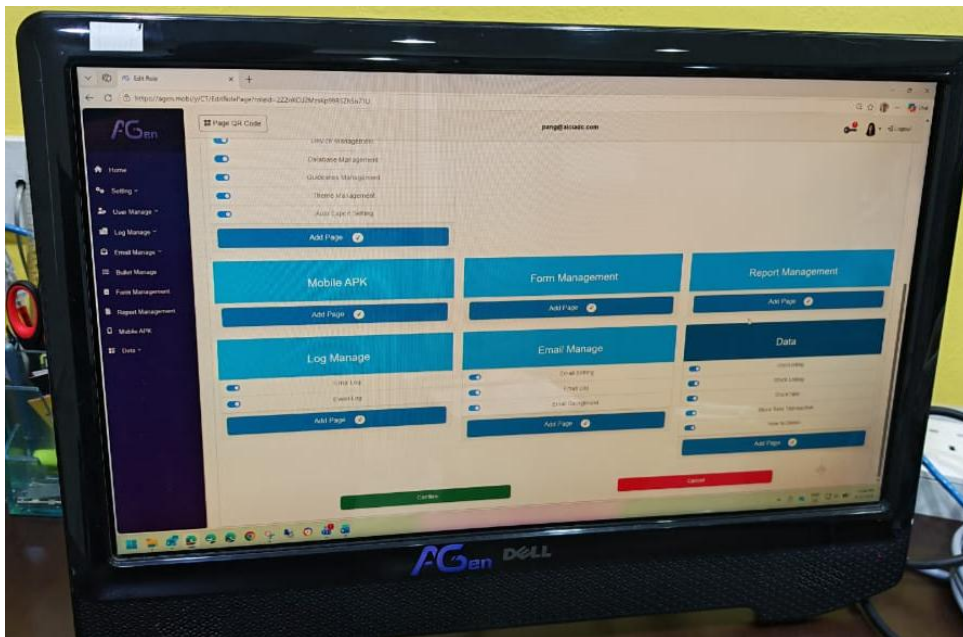
**AGen Digitalized consignment receiving and return software** ensures only authorized users allow to perform receiving and return of consigned item. AGen comes with built-in-remember user login function and role management whereby the user just needs to key in once then the next login will be allowed to bypass, user in role A will only allow to view the predefine application for role A. Quick shortcut makes the consignment receiving application can be launched by just clicking the icon on the desktop.

### Key activities

1. Staff log in via mobile device or handheld scanner.
2. System assigns:
  - Brand
  - Product categories
3. Devices sync the latest product and location data at backend continuously.

### Benefits

- Simplify data capturing
- Verify again supplier consignment information.



## Record incoming consignment goods

### Objective

To perform recording of incoming consignment item, quantity and condition of the item (Normally no photo taking however this option is still available). This digital information will be used for backend verification purposes before paying to supplier.

### How it works

- Staff scan barcode / QR code / RFID tag
- key in quantity (auto captured for RFID)
- System validates SKU against master data / supplier record
- Exceptions flagged immediately (unmatched quantity if have supplier data)

### Data captured

- SKU / Item code / EAN13 barcode
- Quantity counted
- Location (Auto display)
- Time stamp (Auto Date and Time Stamp)
- User ID (Auto User ID after login)

### Advantages

- Eliminates manual writing errors
- Faster counting and recording.
- Real-time validation
- Guided systematic consignment receiving

**ConsignmentReceiving (v1.4)**

Barcode \*  
9556123450019

Description \*  
Gardenia Original Classic 400g

RetailQty \*

SupplierQty \*  
30

Image \*

Price \*  
3

**Save**

## Record incoming consignment supplier document.

### Objective

To perform document image capture for simplify data validation for backend staff. This digital information will be used for accounting checking purposes before paying to supplier.

### How it works

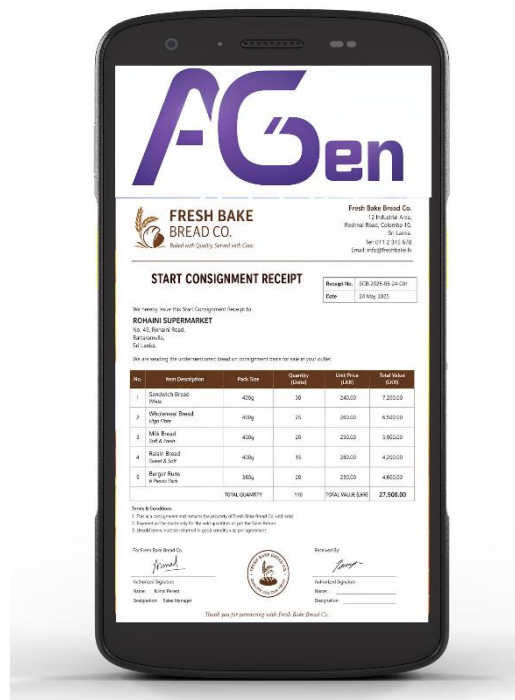
- Staff scan or capture document identifier barcode / QR code / RFID tag
- Snap a photo of the receipt given by the supplier

### Data captured

- Receiving Receipt identity number
- supplier delivery document image
- Location (Auto display)
- Time stamp (Auto Date and Time Stamp)
- User ID (Auto User ID after login)

### Advantages

- Faster document verification.
- Real-time validation
- Audited consignment receiving



## Record return consignment goods

### Objective

To perform recording of return consignment items, quantity and condition of the balance items (optional recommended to take photos). This digital information will be used for backend verification purposes before paying to supplier.

### How it works

- Staff scan barcode / QR code / RFID tag
- Enter quantity for barcode/QRcode (auto captured for RFID)
- System validates SKU against supplier record (Optional)
- Exceptions flagged immediately (unmatched quantity if have supplier information)

### Data captured

- SKU / Item code / EAN13 barcode
- Quantity counted
- Location (Auto display)
- Time stamp (Auto Date and Time Stamp)
- User ID (Auto User ID after login)

### Advantages

- Eliminates manual writing errors
- Faster counting and recording.
- Real-time validation
- Guided systematic consignment receiving

The screenshot displays the 'Consignment Return (v2.0)' application interface. At the top, there is a clock icon, the title 'Consignment Return (v2.0)', and the AGen logo. The form contains the following fields:

- Barcode \***: 9556123450019
- Description \***: Gardenia Original Classic 400g
- RetailQty \***: 2
- SupplierQty \***: 3
- Image \***: A photograph of two bottles of Gardenia Original Classic 400g on a metal shelf.

A QR code is located in the bottom left corner, and a green 'Save' button is at the bottom center.

## Real-Time Data Sync & Monitoring

### Objective

Summary for monitor progress and accuracy live data capture and daily activities perform by different retail stores. Set it to email summary mode for optional daily monitoring to daily auditing.

### Key activities

- Consign receiving data syncs automatically to central system.
- Consignment dashboard shows:
  - Total receiving for different retail branches
  - Total return for different retail branches
  - Variance vs supplier quantity
  - High-risk discrepancies against supplier data
- Supervisors can revisit consigned items or trigger re-counts.

### Digital benefits

- No waiting for paper consolidation
- Immediate visibility of issues.



## Variance Analysis

### Objective

Identify gaps between supplier information and staff counted information. AGen will highlight the differences between both quantities so that the retail manager can act immediately on high differential quantity items to recover losses if the information can be discovered early.

### System generates

- Shortage (Staff Quantity < Supplier Quantity)
- Overage (Staff Quantity > Supplier Quantity)
- Zero differential discrepancies
- High differential variance alerts

### Analysis includes

- Previously consigned item
- Sales history (From POS)
- Receiving and return history (From AGen Receiving and return, From Supplier)
- Shrinkage indicators investigation (From POS, searching and CCTV records)

Consignment Receiving V1.03

Created Date Time	Created User	Barcode	Description		
21/04/2026 5:38:59 AM	JimZhongLiang	9556005005555	Dettol Antiseptic Liquid 500ml	17	18
21/04/2026 5:38:29 AM	JimZhongLiang	9556022005555	Saji Cooking Oil 5kg	12	15
21/04/2026 5:31:45 AM	jamica	9556001122333	Hup Seng Cream Crackers 428g	60	65
21/04/2026 5:29:41 AM	jamica	9556439887012	Maggi Curry Instant Noodles 5x79g	121	120
21/04/2026 5:29:19 AM	jamica	9556439887012	Maggi Curry Instant Noodles 5x79g	121	120
21/04/2026 5:24:12 AM	jamica	9556000002131	Julie's Peanut Butter Sandwich 360g	50	55
21/04/2026 5:24:01 AM	jamica	9556001122333	Hup Seng Cream Crackers 428g	65	65
21/04/2026 5:22:07 AM	jamica	9556123450019	Gardenia Original Classic 400g	30	30
21/04/2026 5:19:48 AM	jamica	9556001122333	Hup Seng Cream Crackers 428g	60	65
21/04/2026 5:18:23 AM	jamica	9556123450019	Gardenia Original Classic 400g	30	30
20/04/2026 6:57:12 PM	jamica	9556001122333	Hup Seng Cream Crackers 428g	65	65
20/04/2026 6:56:58 PM	jamica	9556439887012	Maggi Curry Instant Noodles 5x79g	120	120
20/04/2026 6:54:04 PM	jamica	9556000002131	Julie's Peanut Butter Sandwich 360g	54	55
20/04/2026 6:53:37 PM	jamica	9556123450019	Gardenia Original Classic 400g	20	30
20/04/2026 6:50:55 PM	jamica	9556001010012	Milo Soft Pack 1kg	34	45

Report A4 Menu

## Exception Handling & Reverify

### Objective

Verify discrepancies may happen from time to time, immediate action is important especially for high repeated missing consignment items. Store manager or supervisor can take monitoring action so that the losses can be minimum in future.

### Key activities

- Monitoring triggered digitally for discrepancy SKUs.
- Supervisor monitoring required for repeating discrepancy.
- CCTV should can be good assistant for discovering reasons of differentiation.

### Outcome

- Reduced discrepancy
- Strong governance and control



## Consignment Receiving and Return Adjustment & System Update

### Objective

Align received and returned stock with actual supplier billed stock. By shortening the time for discrepancy, it immediately improves the backend purchaser and accounts in the payment to supplier. Good relationship between supplier and retailer brings business further and better.

### Actions

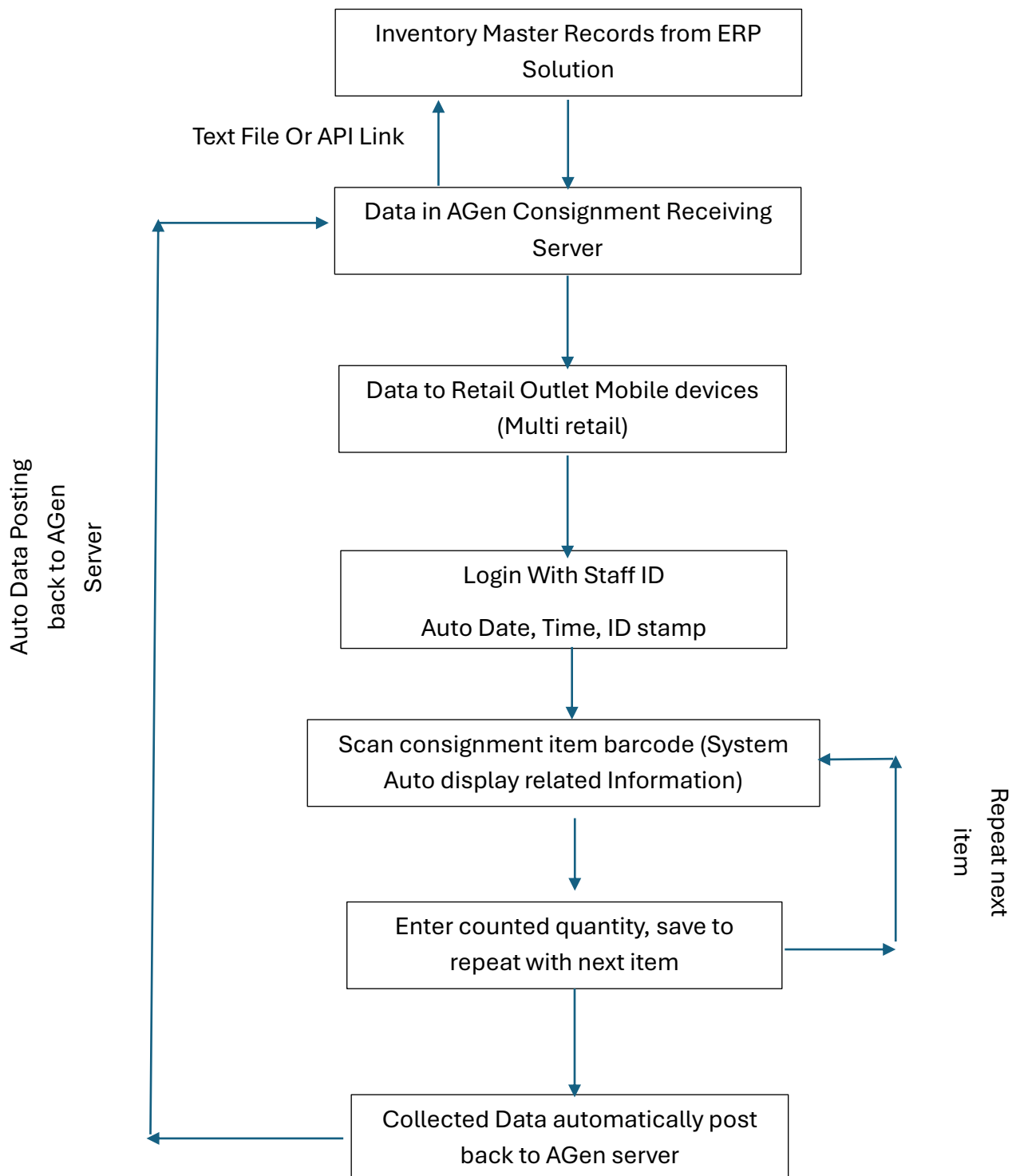
- Approved variances posted automatically to ERP
- Supplier information versus staff information compares
- Financial impact reflected in supplier valuation

### Integration

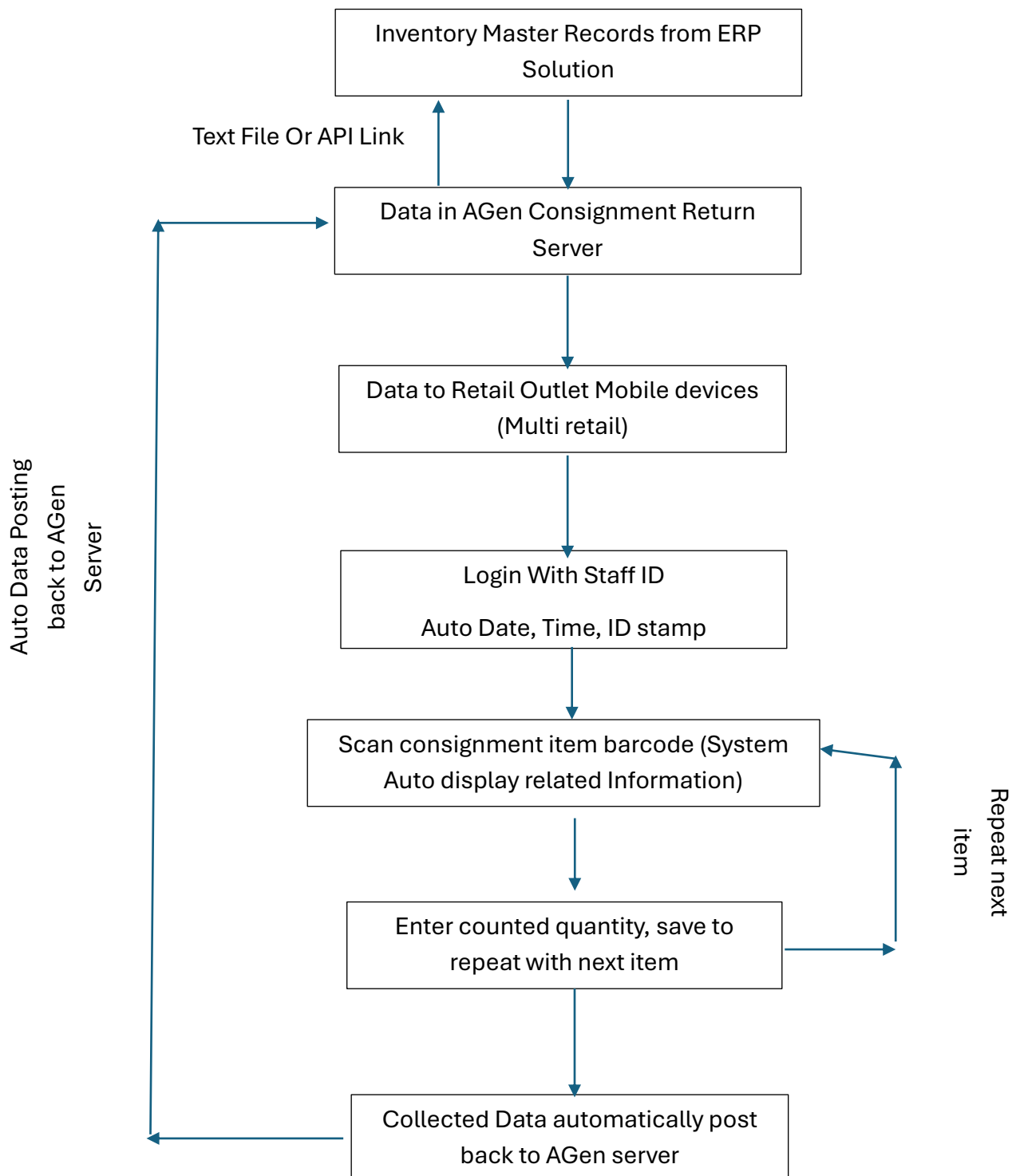
- Point Or Sales (POS)
- Enterprise Resource Planning (ERP)
- Finance module



## Process Flow for consignment receiving



## Process Flow for consignment return



## Device Management

### Objective

AGen device management solution is offering our customers the overview of the total android device connected to AGen. The system administrator can easily detect which retail outlet device is fail and which is still online. The basic indicator like battery status, last sync date time can be also view from this view.

### Actions

- Overview of total devices connected to AGen server
- Device basic information
- Paging device for broadcast message.

### Outcome

- Device basic information
- Information updating

## Device Management

### Device Information

The screenshot displays a 'Device Information' section with a grid of six device cards. Each card contains the following information:

- Device Name: SmartAC1 (AJE1254300215)
- Device Name: SmartAC1 (AJE1254300244)
- Device Name: SmartAC1 (AJE1254300247)
- Device Name: SmartAC1 (AJE1254300219)
- Device Name: SmartAC1 (AJE1254300248)
- Device Name: SmartAC1 (AJE1254300214)

Each card also shows a 'Last Sync' time of 23/04/2026 12:37:20 PM or 12:37:14 PM, a battery status of 100%, and two action buttons: 'Info' (blue) and 'Delete Device' (red).

## Build In Free Barcode scanner

### Objective

AGen comes with free build in barcode scanner for the objective of making sure the barcode reading operation performed by AGen application does not affect even the primary barcode scanner customer use is defect during the operation. We understand how important data for our customers is. We hope staff have no excuse to blame the devices, so they do not need to work on their task.

### Actions

- Enable or disable the barcode scanner from the AGen software.
- Device basic barcode scanning can still be performed with device camera.
- Use the build in free barcode scanner to capture barcode.

### Advanced insights

- Build in free barcode scanner in AGen give you backup if your barcode scanner is failed in your device.
- This barcode scanner also helps mini retail stores who do not want to invest on barcode scanners.



## Reporting & Insights

### Objective

Learn and improve future operations. From AGen user configurable reporting tools, back-end users can anytime configure their own daily report. Users will not be constrained by the software reporting capability.

### Standard reports

- Total consignment Receive daily
- Total consignment Return daily
- Collected and supplier records comparison

### Advanced insights

- Root cause analysis (theft, process gaps, system issues)
- Trend analysis over multiple Receive and Return



## Daily Email Alert for Data Transfer Summary

### Objective

Automatic alert administrators on daily data collected by different retail stores automatically. System administrators in surface need to make sure all the data collection process is moving smooth daily in every branch so they can complete their administrative task on the devices and data collection process. For data analysis, this task will be performed by the inventory manager to optimize the retail store operation.

### Actions

- Enable or disable the auto email alert from AGen software.
- Configure the information required to appear on the email.
- Daily data transfer activity review from AGen summary page.

### Advanced insights

- Building an email alert system makes device administrator life easier.
- Let the software automatically work and report to you without any clicking.



Date	Week	Barcode	Online	Posted	Total	Status	Remark
23/04/2026	Thursday	2102	13/13	2102/2102	3734	Success	No
22/04/2026	Wednesday	2262	13/13	2481/2262	3734	Success	Post yesterday fail posting date
21/04/2026	Tuesday	2744	13/13	2525/2744	3734	Need Attention	Data posting fail
20/04/2026	Monday	3904	13/13	4422/3904	3734	Success	Post yesterday fail posting date
19/04/2026	Sunday	2635	13/13	2635/2635	3734	Success	No
18/04/2026	Saturday	3010	13/13	3011/3010	3734	Success	Post yesterday fail posting date
17/04/2026	Friday	4269	13/13	4269/4269	3734	Success	No
16/04/2026	Thursday	3916	13/13	3915/3916	3734	Need Attention	Data posting fail
15/04/2026	Wednesday	3631	13/13	3631/3631	3734	Success	No
14/04/2026	Tuesday	3618	13/13	3618/3618	3734	Success	No
13/04/2026	Monday	3384	13/13	3384/3384	3734	Success	No
12/04/2026	Sunday	2407	13/13	2407/2407	3734	Success	No
11/04/2026	Saturday	2759	13/13	2759/2759	3734	Success	No
10/04/2026	Friday	3693	13/13	3693/3693	3734	Success	No
09/04/2026	Thursday	3444	13/13	31288/3444	3734	Success	Post yesterday fail posting date
08/04/2026	Wednesday	2350	13/13	13819/2350	3734	Success	Post yesterday fail posting date