SAP B1 ADD-ON MANUAL

ARISTOCRAT INDUSTRIES LIMITED

Abstract

This Add-On was designed to automate Production processes and Sales Delivery by creating barcodes for finished goods items and scanning the barcodes for Sales purposes.

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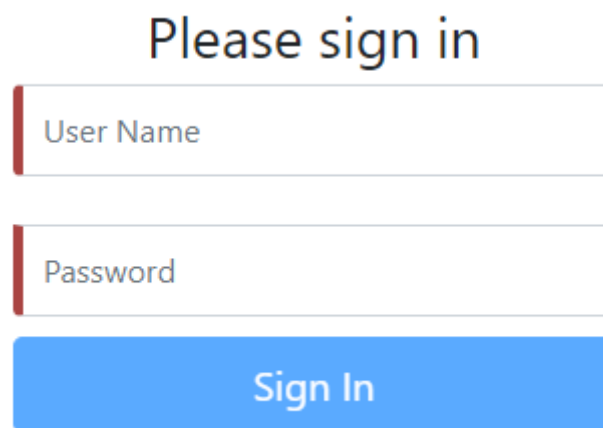
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INTRODUCTION

This Add-On was designed to automate Production processes and Sales Delivery by creating barcodes for finished goods items and scanning the barcodes for Sales purposes.

The application is tightly integrated with SAP from the point of authentication to posting of documents created within the add-on.
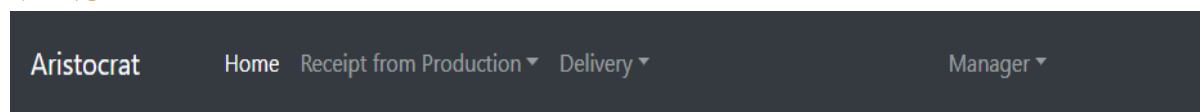
The add-on uses a role-based authorization to restrict the users from some functionalities if no authorization is given or assigned.

LOGIN SCREEN

- The login is presented if you are not already logged in to the application.
  - Here you must provide your SAP username and password.
  - Click the sign-in button and wait for authentication message.

MENU BAR

- The menu bar provides the link to various modules in the add-on
  - Home – Dashboard for the add-on
  - Receipt from Production – Here you carry out all production transactions like Finished goods receipt, WIP Receipt, and Scrap receipt
  - Delivery – Here you carry out sales transaction using the delivery modules
  - User Name – Displays the currently logged on username and the available options include link to logout and administer user roles.

USER MENU
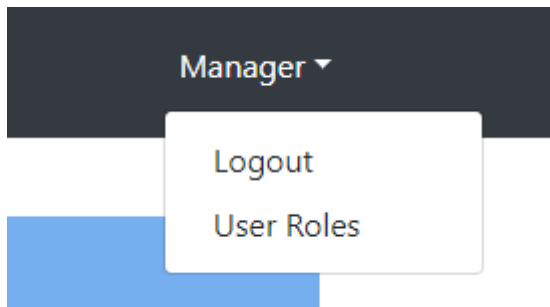
- LOGOUT – Used to end the user session
- USER ROLES – Used to manage user roles

USER ROLES

USERS				

Refresh

User Name	Admin	Approve PR	Approve DV	Approve GR	
femmy	No ▾	No ▾	No ▾	No ▾	🖫
manager	Yes ▾	Yes ▾	Yes ▾	Yes ▾	🖫
olufemi	No ▾	No ▾	No ▾	No ▾	🖫
test	No ▾	No ▾	No ▾	No ▾	🖫
test2	No ▾	No ▾	No ▾	No ▾	🖫
test3	No ▾	No ▾	No ▾	No ▾	🖫

- Assign the necessary authorizations to the user and click the 🖫 button to save

RECEIPT FROM PRODUCTION
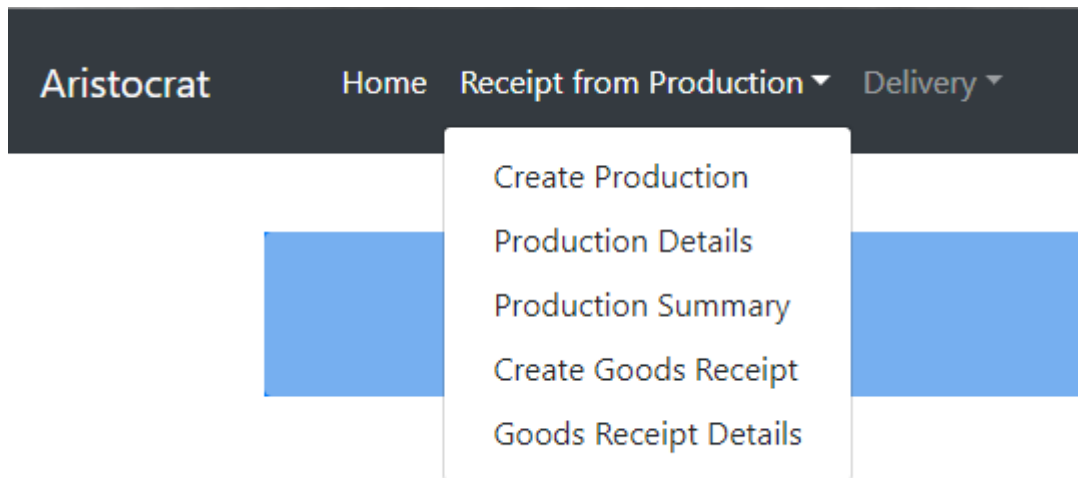
CREATE PRODUCTION

PRODUCTION RECEIPT

- Here you receive finished/WIP goods from already planned production in SAP by supplying the Production Order number in the provided field.

Order Number:	Date:	Supervisor:	Warehouse:	Machine No.:	Posted:
14	2018-10-05	Ahmed Ojodu	FG	02	No

Item Code:	Item Name:		SAP Planned Qty:	SAP Open Qty:.	Posted Qty:
FGPCMTBLWHT001	SABRINA		20,000.00	15,018.00	5,015.00

Customer Name:			Current Total Qty:	Produced Qty:	Balance Qty:
			68.40	5,015.00	14,985.00

Redress Material:	Auto Quantity
No	

Batch No.	Quantity	Redress	Action
18905021123413	33.40	No	👁 🗑
18905021123918	35.00	No	👁 🗑

💾 Save

- After providing the Production Order number, the application would fetch the production order details from SAP based on the planned/released production order and update all the fields with necessary information.
  - Machine No. – Machine where the production is planned.
  - Item Code – Code of the planned item
  - Item Name – Name of the planned product
  - SAP Planned Qty – Quantity planned for in SAP
  - SAP Open Qty – Open quantity in the production order after previous production
  - Posted Qty – Quantity posted to SAP so far
  - Customer name – Customer the product was planned for if any
  - Current total Qty – Cumulative quantity of batched added to the list so far.
  - Produced Qty – Quantity produced so far out of the Production Order
  - Balance Qty – Quantity of the product left to produce.
- Supervisor – Select supervisor from list by typing the first character of the name or if the supervisor does not exist, just type the full name.
- Warehouse – Select the warehouse of the production from the list
  - FG – Finished product ready for sales
  - WIP – Products still going for redress.
- Redress Material – Select Yes/No from the list. This option is provided in a situation where a redressed material is to be included in pallet and it does not form part of the actual production. This would ensure the material is separated from the actual production during posting
- Auto Quantity – Place the cursor here to read the weight from the weighing scale directly and press the enter button. This action would auto generate roll number for the product with the weight.
- Action Buttons – These buttons are used to print label and remove item from the list respectively.

  - 👁 Print label
  - 🗑 Remove item

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- Save Button – By clicking this button the current record would be saved to the database after consenting to the pop-up asking if you really want to carry out the action.
- View Packing List – Clicking this button displays the packing list of the item added to the production document.

- Approve button – Click this button to approve the document. This button is used to approve the document after successfully committing the transaction to the database. The button is only available if you have the authorization to carry out this action.

- Post to SAP – Click this button to post document to SAP. You will be prompted to enter your SAP username and password. Supply this and the document will be posted to SAP. The button is only available if you have the necessary authorization.

Batch No.	Quantity	Redress	Action
18905021123413	33.40	No	👁
18905021123918	35.00	No	👁

🚀 Post to SAP

SAP Credentials ✕

Username

Password

Post

localhost:4200 says

Are you sure you want to post to SAP?

OK   Cancel

Success
✓ Production posted to SAP successfully!

PRODUCTION DETAILS

This page displays the details of existing production in the add-on and the actual document can be displayed/navigated to from here.

EXISTING PRODUCTION

Refresh

Show 10 ▼ entries   Search:

Order No	Packing No	Date	Customer Name	Item Name	Total Qty	Approved	Posted	Action
12	1234	30-08-2018	Acme Nigeria Limited	TEST FG 02	2.00	Yes	No	👁
12	8223828	04-09-2018	Acme Nigeria Limited	TEST FG 02	2.00	No	No	👁
12	2372898	04-09-2018	Acme Nigeria Limited	TEST FG 02	2.00	Yes	Yes	👁
12	9229334	04-09-2018	Acme Nigeria Limited	TEST FG 02	2.00	No	No	👁
12	5806092	04-09-2018	Acme Nigeria Limited	TEST FG 02	2.00	Yes	Yes	👁

- Click the 👁 button to view the document.

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PRODUCTION SUMMARY

This page gives the snapshot of production by order number giving the summary of Planned Qty, Produced Qty, Balance Qty, and Posted Qty.

PRODUCTION SUMMARY

Refresh

Show 10 ▼ entries   Search: [   ]

Order No. ▲	Planned Qty	Produced Qty	Balance Qty	Posted Qty
12	10.00	909.00	0	5.00
13	500.00	1,041.00	0	275.00
14	20,000.00	5,083.40	14,916.60	5,083.40
15	500.00	204.00	296.00	204.00
16	5,000.00	132.30	4,867.70	132.30

Showing 1 to 5 of 5 entries   First   Previous   1   Next   Last

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CREATE GOODS RECEIPT

GOODS RECEIPT

GOODS RECEIPT

Order Number: e.g 20180101   **Date:** 2018-10-05   **Supervisor:** Supervisor's name   **Machine No.:**   **Posted:** No

Item Code: **Item Name:**

Current Total Qty:
0.00

Search for an Item: **Warehouse:**   **Auto Quantity**   +

Item Code	Item Name	Warehouse	Batch No.	Quantity	Action

- Here you receive scrap and other goods generated from production by supplying the Production Order number in the provided field.

Order Number: 14   **Date:** 2018-10-05   **Supervisor:** Ahmed Ojodu   **Machine No.:** 02   **Posted:** No

Item Code: FGPCMTBLWHT001   **Item Name:** SABRINA

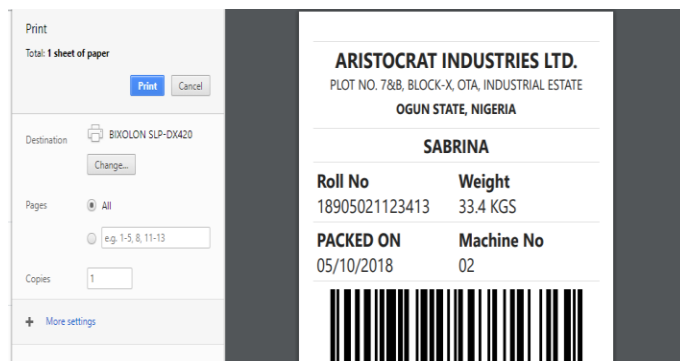**Current Total Qty:**
0.00

Search for an Item: A   **Warehouse:**   **Auto Quantity**   +
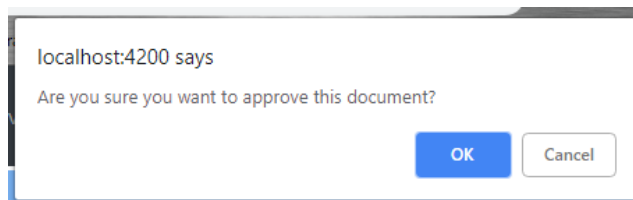
FGPCMTBLWHT001 - SABRINA
RMPCMTBL001 - Raw Material A
RMPCMTBL002 - Raw Material B

Warehouse	Batch No.	Quantity	Action

- After providing the Production Order number, the application would fetch the production order details from SAP based on the planned/released production order and update all the fields with necessary information.
  - Machine No. – Machine where the production is planned.
  - Item Code – Code of the planned item
  - Item Name – Name of the planned product
  - Current total Qty – Cumulative quantity of batched added to the list so far.
- Supervisor – Select supervisor from list by typing the first character of the name or if the supervisor does not exist, just type the full name.
- Warehouse – Select the warehouse of the production from the list
  - FG – Finished product ready for sales
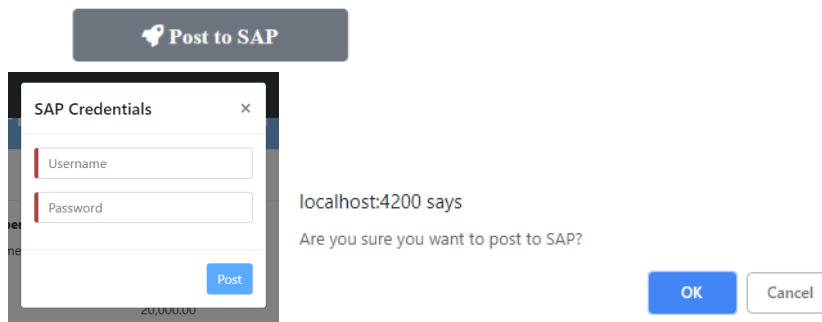 - WIP – Products still going for redress.

- Auto Quantity – Place the cursor here to read the weight from the weighing scale directly and press the enter button. This action would auto generate roll number for the product with the weight.
- Action Buttons – These buttons are used to print label and remove item from the list respectively.
    - Print label
    - Remove item

- Save Button – By clicking this button the current record would be saved to the database after consenting to the pop-up asking if you really want to carry out the action.
- Approve button – Click this button to approve the document. This button is used to approve the document after successfully committing the transaction to the database. The button is only available if you have the authorization to carry out this action.

- Post to SAP – Click this button to post document to SAP. You will be prompted to enter your SAP username and password. Supply this and the document will be posted to SAP. The button is only available if you have the necessary authorization.

GOODS RECEIPT DETAILS

This page displays the details of existing goods receipt in the add-on and the actual document can be displayed/navigated to from here.

EXISTING GOODS RECEIPT							

Refresh

Show 10 ▼ entries   Search: [   ]

Goods Receipt ID ▲	Order No ⇕	Date ⇕	Approved ⇕	Approved By ⇕	Posted ⇕	Post Date ⇕	Action ⇕
1	14	03-10-2018	Yes	manager	Yes	03-10-2018	👁
2	14	03-10-2018	Yes	manager	Yes	03-10-2018	👁
3	14	03-10-2018	Yes	manager	Yes	03-10-2018	👁
4	14	03-10-2018	Yes	manager	Yes	03-10-2018	👁
5	14	05-10-2018	Yes	manager	Yes	05-10-2018	👁

Showing 1 to 5 of 5 entries   First   Previous   1   Next   Last

- Click the 👁 button to view the document.

DELIVERY
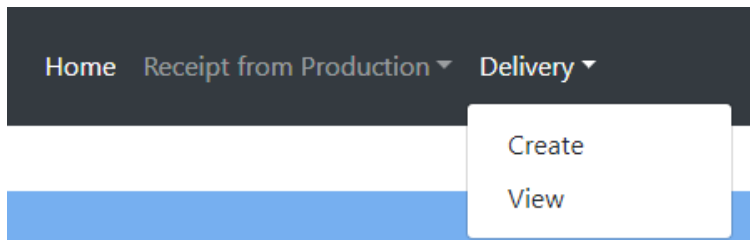
CREATE DELIVERY

A/R DELIVERY

Order Number:	Date:					Posted:
e.g 20180101	2018-10-05					No

Customer Name:

[View Pick List]

Item Code	Item Name	Quantity	Open Qty	Picked Qty	Action

- Here you'll create A/R Delivery based on existing Sales Order in SAP by supplying the Sales Order number in the provided field.

A/R DELIVERY

Order Number:	Date:					Posted:
6	2018-10-05					No

Customer Name: Acme Nigeria Limited

[View Pick List]
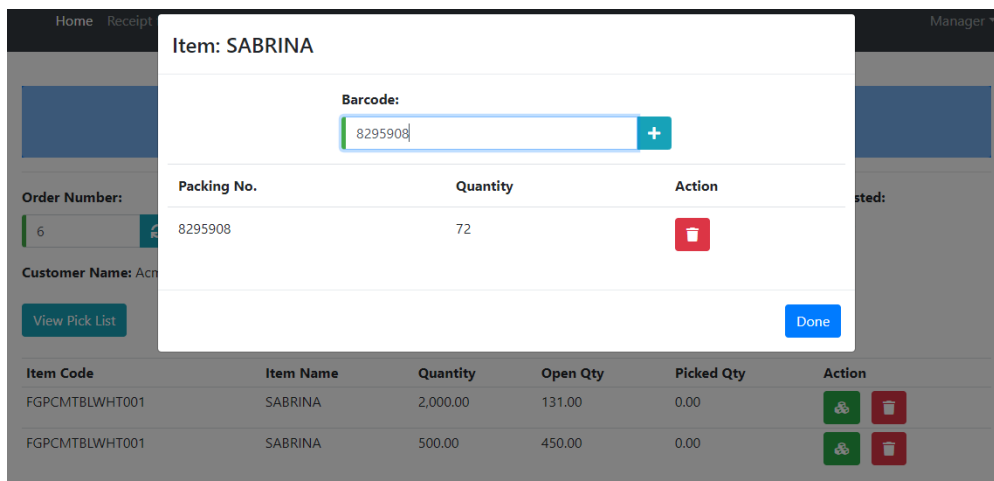
Item Code	Item Name	Quantity	Open Qty	Picked Qty	Action
FGPCMTBLWHT001	SABRINA	2,000.00	131.00	0.00	
FGPCMTBLWHT001	SABRINA	500.00	450.00	0.00	

- After providing the Sales Order number, the application would fetch the Sales order details from SAP and update all the fields with necessary information.
  - Customer Name. – Name of the customer the supply is to be made
  - Item Code – Code of the items in the Sales Order
  - Item Name – Name of the items in the Sales Order
  - Quantity – Quantity ordered
  - Open Qty – Quantity not yet serviced.
  - Picked Qty – Quantity picked using barcode scanner.

- Action Buttons – Used to pick/remove items for the selected line items respectively
  - - used to pick items
  - - used to removed item from the list

SCANNING SALES ITEMS

Clicking button brings up a modal to scan barcodes based on physical items. After the barcode is read, the add-on will automatically fetch the details of the scanned item from SAP and also validate if the item belongs to the product and quantity is available.
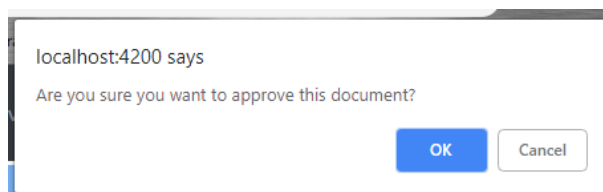

- After scanning all items, click the done button and save.

- Save Button – By clicking this button the current record would be saved to the database after consenting to the pop-up asking if you really want to carry out the action.
- Approve button – Click this button to approve the document. This button is used to approve the document after successfully committing the transaction to the database. The button is only available if you have the authorization to carry out this action.

- Post to SAP – Click this button to post document to SAP. You will be prompted to enter your SAP username and password. Supply this and the

document will be posted to SAP. The button is only available if you have the necessary authorization.

EXISTING DELIVERY

This page displays the details of existing delivery in the add-on and the actual document can be displayed/navigated to from here.

Delivery ID	Order No	Date	Customer Name	Approved	Approved By	Posted	Post Date	Action
2	2	24-09-2018	Acme Nigeria Limited	Yes	manager	Yes	25-09-2018	👁
1003	6	25-09-2018	Acme Nigeria Limited	Yes	manager	Yes	25-09-2018	👁
1004	6	25-09-2018	Acme Nigeria Limited	Yes	manager	Yes	25-09-2018	👁
1005	6	26-09-2018	Acme Nigeria Limited	Yes	manager	No		👁
2003	6	26-09-2018	Acme Nigeria Limited	Yes	manager	Yes	26-09-2018	👁

- Click the 👁 button to view the document.