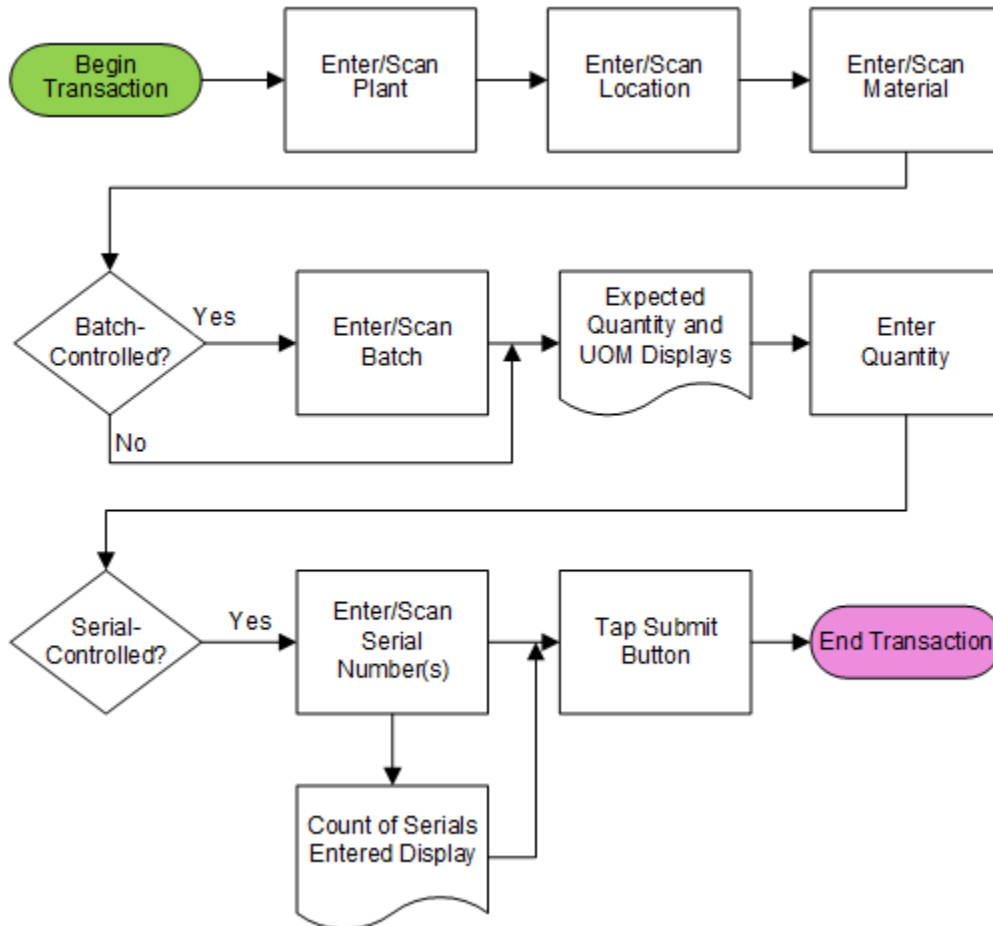# SAP
# INVENTORY MANAGEMENT – CYCLE COUNT

This application helps users count material by location and posts the counts to SAP.  An Inventory Document is not needed to be created before use of the App, as Inventory Document is created and counted using this application.

RFgen Functional Documentation

2021

RFgen provides its customers SAP-validated, ready-to-use suites of Open Source applications and a development environment that can be used to create new apps or to modify existing apps.

This document describes the business workflow and technical information used in this application.

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# SAP: Inventory Management (IM) – Cycle Count

```
Begin          Enter/Scan      Enter/Scan      Enter/Scan
Transaction  → Plant       →   Location    →   Material
```

```
Batch-        Yes   Enter/Scan      Expected          Enter
Controlled?  →     Scan        →   Quantity and   →  Quantity
                   Batch           UOM Displays
     │ No
```

```
Serial-       Yes   Enter/Scan      Tap Submit        End Transaction
Controlled?  →     Serial       →  Button        →
                   Number(s)
                        │
                   Count of Serials
                   Entered Display
```

**RFgen**

# FIMCC0210 – Cycle Count Without Document

This application helps users count material by location and posts the counts to SAP. An Inventory Document is not used in this application process.

## Description of Workflow

First the user scans, searches, or enters the plant if one is not automatically defaulted from the user's login.

Next, the user scans, searches, or enters the physical location.

The user scans, enters, or searches the material.
The material's description displays.

If the material is batch-controlled, the Batch field will be visible. The user scans, enters, or searches for a batch number that is assigned to the material specified.

The Quantity field and Expected UOM display. The user enters the amount of material counted in the Quantity field.

If the material is serial-controlled the Serial field will be visible. A counter of scanned serials displays as the user scans, enters or searches the serial numbers.

The user taps the **Submit** button, and the count of the material is posted to SAP.

The arrow in the upper left corner undoes the current entry and moves the cursor back to the previous prompt until you reach the menu.

## Technical Information

This lists the tables used for validations, searches, and defaults by prompt.

| Prompt | Table | Description |
|---|---|---|
| Plant | T001W | User Property "PLANT" |
| Locn | T001L | IM Location |
| Mat | MARA | Material Details |
| Batch | MCHB | IM Batch Details |
| Qty | | Must be numeric |
| Serials | EQUI / JEST | Serial details |
| App Update | BAPI_MATPHYSINV_CREATE_MULT BAPI_MATPHYSINV_COUNT | Document update |

## Customization Considerations

If you are planning on creating a new version of this application or modifying it for a customer, consider asking these questions to help prepare your list of customization requirements.

1. Do you use hard errors or soft warnings when a count is not expected?