Inventory Counting & Reconciliation

Points Discussed

11-Sep-2018

The following Team Members were present in this meeting via conference call:

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1. SAP part and MES part –

To implement this there are some action item is required to done at SAP end and some at MES end. The inventory counting will be done in MES where after counting, Book stock in SAP, book stock in MES and physical stock will all be in **sync**.

1. Delta Difference –

**Δ** = SAP online stock available – physical stock calculation

1. Querying –

Whenever we proceed for counting of a specific material, a query will be send to SAP asking the details about the availability of that in SAP records. The existing data in MES system will be tallied with physical calculation. Also delta will be calculated. After that the delta difference will be calculated from SAP readings. Finally, a query will be sent to SAP for updating existing value if required.

Adjustment value = Warehouse – **Δ**

1. Configuration –

To enable inventory counting functionalities we need to do certain configuration, which can be either at warehouse level or it can also be at product level. These features already available in standard Apriso installation, we just have to enable it and configure it.

Counting frequencies and counting procedure can be defined.

1. Cycle counting reminder –

The system can go through the scheduled counting calendar for each specific material and suggest which all materials are to be counted on provided date.

Also day interval for counting of a material can also be defined.

1. ABC flag and ABC class–

Similar to SAP, MES also has ABC flag and ABC class. These are generally defined in SAP and data is flown to MES through MATMAS form. If we are using same KM code in SAP and MES consequently their behavior is same.

ABC class can also be specified in Apriso by making our own definition. It all depends on how we customize it.

1. Product characteristics/ Unit characteristics –

The monetary value of items can also be defined with special characteristics. One this configuration is done. Counting document can be automated in MES.

1. Cycle counting & Counting process –

Cycle of counting can also be defined. Also the list of instruction to be followed while counting a material can be defined.

Work Flow

Update/Adjust value send to SAP

SAP

Adjust calculation

**Δ** calculation

SAP Online stock availability

SAP

Book stock in our database

MES DB

Instruction for Counting

Physical stock calculation

Material Code

Manual Initiation

List of materials to be counted

On any specific date

Counting Cycle Configuration