

# Our Big Idea

*We have created **SAP Online Inventory**, an application for warehouse which makes the warehouse operators to carry out the picking & putaway process in an easy manner.*

## Challenges

- While warehouse operators try to do Putaway (Keeping in Bin) the material, they may face the issues like,
  - Overflow of bin
  - Space constraint
  - Weight constraint
- So, this led to mismatch of data between SAP & physical inventory. Also, possibilities for manual error.
- The same way while warehouse operators try to do Picking process as per the picking list, they may face the issues like,
  - Unavailability of the material itself.
  - Mismatch in Packing Quantity.
  - Unavailability of the same batch materials.
- In order to avoid the stoppage of production or next process, sometimes warehouse operators will pick material and do shipping or provide the material to production line manually.

## Solutions we offer in Inventory & Warehouse Management

We have developed our own interface application with additional authentication inside SAP.

It will validate that the user has an authorization for,

- GR (Goods Receipt)
- Putaway
- QA Pass
- Bin-Bin change (Posting change)
- Picking
- Physical Inventory
- Production order confirmation

We can enable other transactions which is related to material transaction based on customer requirements,

- Hardware
  - Handheld device (PDA(Personal Digital Assistant) or other devices).
  - Barcode labels in all box (vendors label can be used).
- Software
  - We need to develop or deploy our SAP API's(Application Programming Interface) or SAP web services.
  - Deploy our interface application in handheld device.

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## Business Benefits

- In every site 1-2 crores INR worth cost savings towards physical inventory mismatch.
- DEO's (Data Entry Operator) has been reduced.
- All materials transactions have been done online.

## Organization

The Online Inventory was implemented for an Europe based manufacturing company.

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## Result

100%

Material traceability  
(component to product)

0%

Manual errors

100%

Inventory accuracy