



# RFID

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## **Planning Your Manufacturing Line Deployment**

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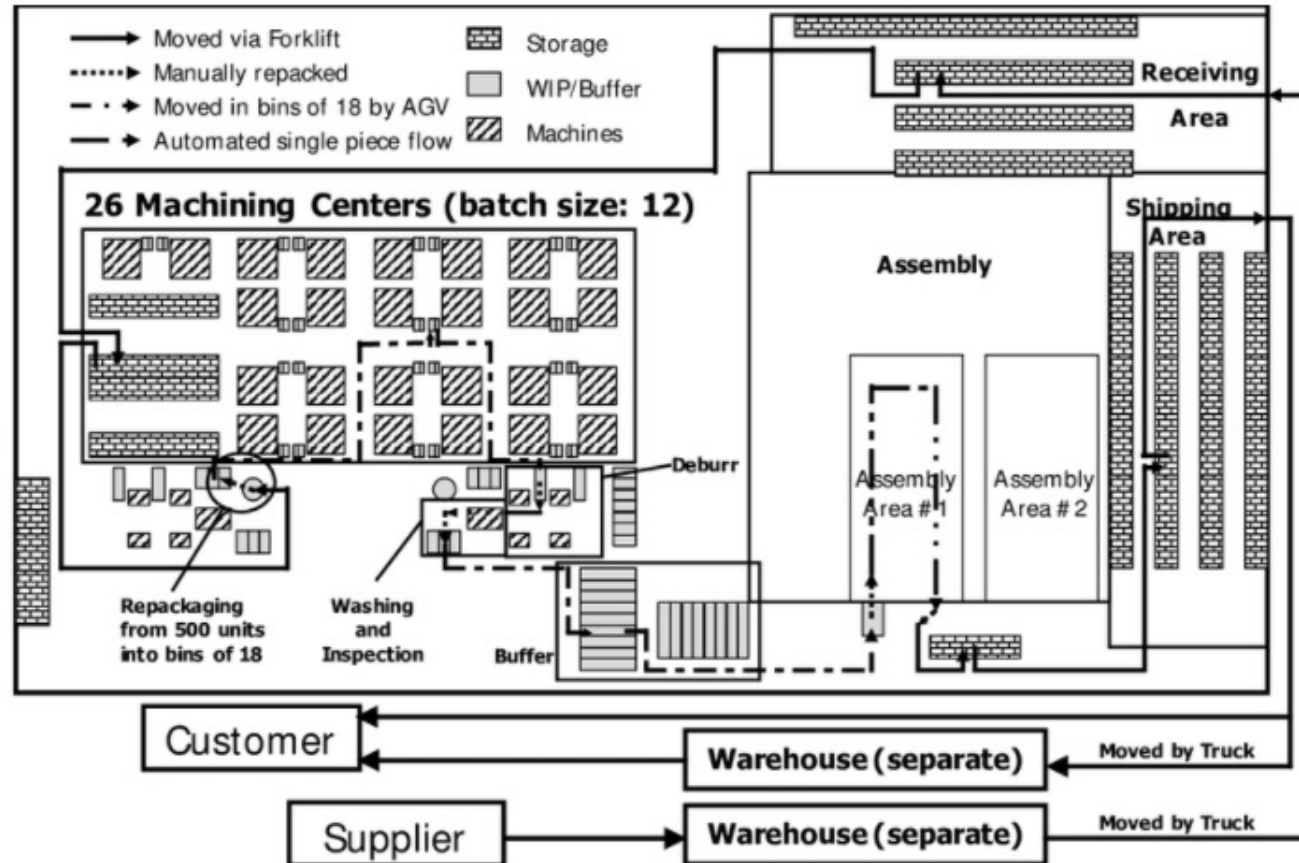
# Planning Your Manufacturing Line Deployment

- What are the reasons for implementing?
- How do we implement RFID in Manufacturing?
- Who should we include in the planning?
- Where is the best place to implement?
- Timeline for implementing

# What are the reasons for implementing?

- Implementing for customer compliance does NOT have an ROI
- What do you manufacture?

# Where to inject RFID in your Flow



# Involvement

- Business Owners
- Plant stake holders
- IT department

# How do we implement RFID in Manufacturing?

- Will you be using preprinted/encoded or print and encode at the plant
- What method is being used for encoding?



- [GS1](#) standards dictate that for a 96-bit RFID tag, the serial number in an Electronic Product Code (EPC) can be no more than 38 bits and that, therefore, when read as a decimal numeral, it must be less than or equal to 274,877,906,943. In simple terms, this 12-digit decimal number can be shown as XXX,XXX,XXX,XXX.
- In your serialization scheme, you can use the first two to four positions for the COO, with the first position designating who encoded the EPC. For example, you can make the first digit a 0 if the EPC was encoded internally, or a 1 if it was encoded by your RFID label vendor or service bureau.



# Questions??





# THANK YOU

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