

**Breakout Session 3B**  
**Assessing Inventory**  
**Effectiveness**

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# **Assessing the effectiveness of Inventory**

## **Objectives:**

- Discuss how you can determine if the inventory is meeting asset and maintenance management requirements**
- Discuss the use of data from Maximo to measure inventory support**
- Discuss what to analyze in inventory and work orders to determine inventory effectiveness**

# **Assessing the effectiveness of Inventory**

**Determine if the inventory is meeting maintenance requirements:**

**•Are maintenance personnel complaining about:**

- Not having parts in inventory to do work**
- Planner/Supervisors are spending too much time getting parts not stocked**
- Too much work is Waiting Material status**
- Bank Cards are used by the maintenance staff too often to get parts and material**

# Assessing the effectiveness of Inventory

**Discuss the use of data from Maximo to measure inventory support**

- **Reports that are important**

- **Planned material coverage**

- **Items associate with assets as a percent of all items stocked**

- **Critical items listed in inventory and usage**

- **Critical work “Waiting Material” status**

- **Items usage for work type PM**

- **PMs overdue for waiting material**

# Assessing the effectiveness of Inventory

## **Discuss the use of data from Maximo to measure inventory support:**

- Backlog of work by priority that is waiting material (Trend Report)
- Bank Card transactions and value for work order priority
- Inventory associated with assets (Spare Parts) by asset priority

# Assessing the effectiveness of Inventory

## Analyze inventory and work orders to determine inventory effectiveness

- **Routine PMs all have items in inventory to support schedule**
  - Safety stock level
  - Reorder points
  - Economical order point
- **Outage required items are stock or non-stock**
- **Number of Stocked and non stocked item use on Corrective Maintenance work orders**

# Assessing the effectiveness of Inventory

## **Summary:**

- **Determination of inventory effectiveness requires Maximo work orders and inventory to be correctly configured**
- **The Design of Inventory reports is critical to the effective analysis of inventory**
- **Trending of Inventory data is very important**