



## Enterprise Asset Management

# Maximo for Transportation 6.3 – Overview of New Release

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Ken Donnelly, Strategy & Market Management  
Carey Clarke, Product Designer and Architect



## Agenda

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- Overview of Maximo for Transportation
  - Customer adoption
  - Product Expansion Model
  - Transportation version 6.2 Modules
- New Features in Maximo for Transportation 6.3
  - Primary Meter
  - PM Enhancements
  - Vendor Import
  - License & Insurance

# IBM Maximo for Transportation Dashboard

## IBM Maximo for Transportation Success



Over 32,000 Users

Most successful industry solution

## Key Segments

- Aviation** – Aires SA, Northwest Airlines
- Energy** – Duke Energy, DTE Energy, MWRA
- Fleet** – Albertsons, Blue Bell Creameries, JB Hunt
- Government** – City of Jacksonville, State of GA
- Transit & Rail** – Tube Lines, RENFE, WMATA

## Top Reasons for selecting Transportation

- Rational Consolidation of asset management solutions** – for Fleet/Transportation Production, Facilities, & IT
- Technology** – J2EE Certified Internet Architecture platform
- Capabilities** – Feature rich solution for managing transportation & other assets
- Risk** – IBM strong financially, software supports regulatory compliance

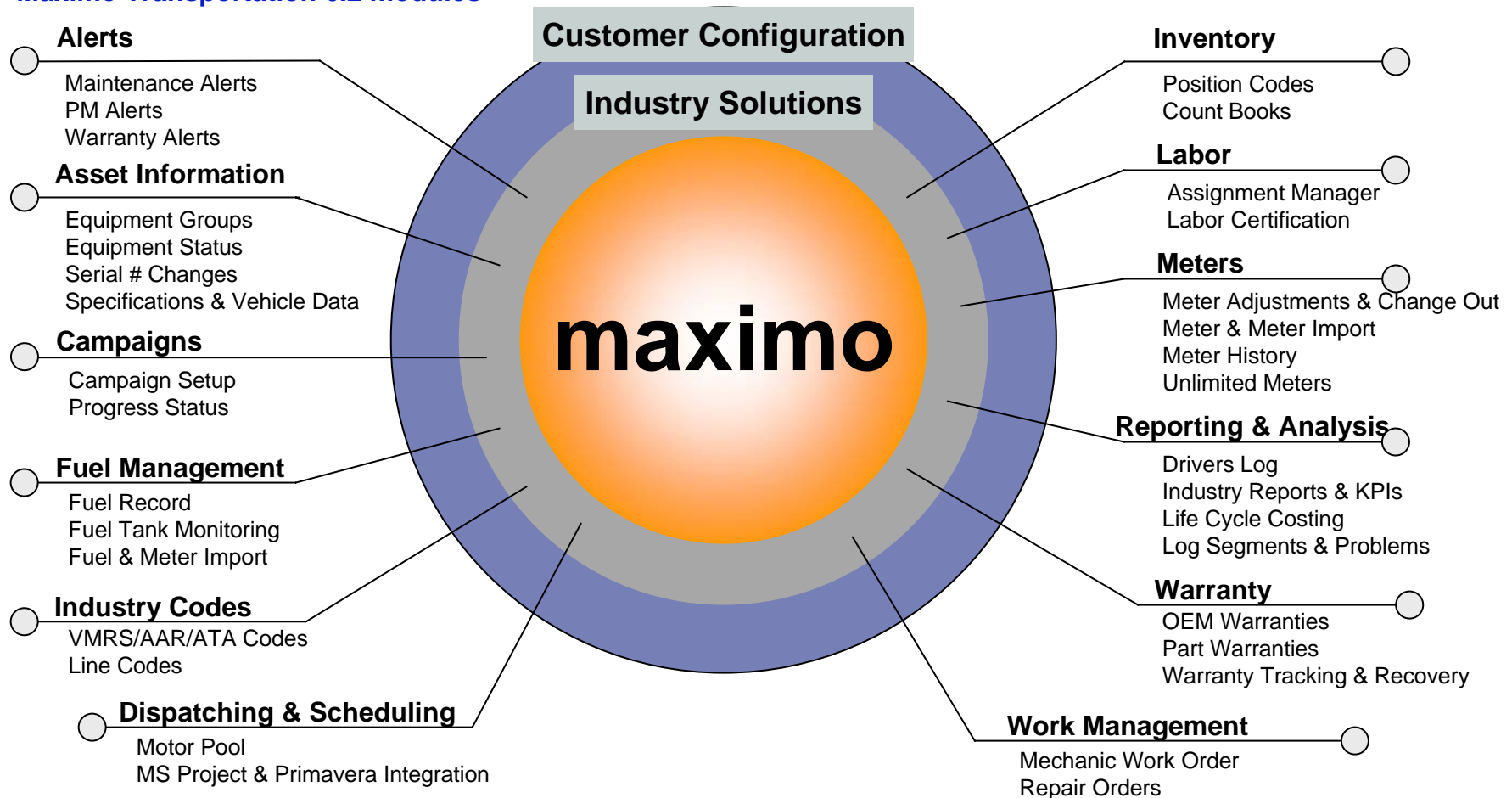
## Development

### Maximo for Transportation

- Maximo for Transportation 6.3 released in August 2007
- 3 to 6 new features added annually

## Product Expansion Model - Transportation

### Maximo Transportation 6.2 modules



## What's New in 6.3?

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- **7 new features**
- **New features as requested by our development partners**
- **Install on base Maximo 6.2.1**
- **Install on Maximo for Transportation 6.2.1**
  - No upgrade required
- **The following features are in addition to the current feature set.**

## Primary Meter

- Designate a Primary Meter for an asset
- Enter Meter Readings on the main tab of Work Order Tracking and Quick Reporting
- View last reading
- Optionally enforce a Primary Meter Reading entry

Work Order Tracking (Tr)

FLEETWOS Find: Select Action

List Work Order Plans Actuals Related Records Safety Plan Log Failure Reporting

Work Order: 1159 Warranty Expiration Notification

Asset: 81012 2006 Freightliner FLD13264T-Classic XL

Alias: CITY2

Location: LEXINGTON Lexington Fleet Garage

Work Location:

Reported By: MAXADMIN

Reported Date: 5/17/07 12:01 PM

Work Type:

Maintenance Alert? ☒ Warranty Situation Present? ☐ Repair Order? ☐ Is Task? ☐ Has Follow-up Work? ☐ SLA Applied? ☐ Quick PM? ☐

Attachments: WAPPR Status: 5/17/07 12:01 PM Parent WO: WARRANTY App Reference: BEDFORD Site: Asset/Location Priority: Priority:

Asset Details

Year: 2006 Manufacturer: FTL Freightliner LLC Model: FLD13264 Freightliner FLD13264T-Classic XL Serial #: 1FUYYCYB3TP861012 Type: CLASS8 Class 8 Status: OPERATING Operating Asset Condition: GOOD Good Condition

Costs

Total Planned Cost: 0.00 Total Actual Cost: 0.00 Repair Limit Amount: 1,250.00 Current Asset Value: 25,000.00 GL Account: 6200-200-??? Accepts Charges? ☒ Charge to Store? ☐

Work Details

Job Plan: FULLERWEI PM: Component: Position: Reason for Repair: WEI Warranty Expiration Inspection Work Accomplished:

Scheduling Information

Scheduled Start: Target Start: Actual Start: Scheduled Finish: Target Finish: Actual Finish:

Primary Meter

Meter: ODOM-M Last Reading: 205,817.00 Last Reading Date: 3/30/07 12:00 AM New Reading: New Reading Date:

## PM Enhancements

- **Establish relationships between Master PMs or PMs**
  - One PM can activate, inactivate, or complete another PM
- **Set Start Date, End Date, or Maximum Count for PMs**
- **Quick PMs**
  - Complete a PM on a work order without having to run PM generation
- **PM Event History**
  - History for stages of PM (due, triggered, performed)

Quick PM

Work Order: 1162      Emergency Repairs at Vendor

Asset: 62001      2007 Ford Escape XLT

Include Asset Children? ☐      Refresh

PMs Records      Filter >      1 - 1 of 1      Download      ?      [icon]

<input type="checkbox"/> PM	Description	Asset	Estimated Next Due Date	Last Completion Date
<input type="checkbox"/> 62001-A PM-A		62001		

OK      Cancel

## Vendor Import

- **Import fuel transactions from external sources**
  - Fuel Dispensing systems, Vendors
- **A CSV file is used to load data into transaction table**
- **Import action can:**
  - Update Meters
  - Update Inventory
  - Create POs or Invoices

The screenshot shows the 'Vendor Import (Tr)' application interface. It features a top navigation bar with links like 'Go To', 'Reports', 'Start Center', 'Profile', 'Sign Out', and 'Help'. Below the navigation bar, there are tabs for 'Vendor Import' and 'Meter Import'. The 'Vendor Import' tab is active, displaying two tables.

**Organizations Table:**

Organization	Description	Adjudicated #	Reconciled #	Pending #
EAGLENA	EAGLE Inc. North America	2	0	10

**Vendor Import Table:**

Status	Type	Vendor	Failure type	Item
ADJUDICATED	PO	RICE		
ADJUDICATED	PO	BURSAW		
FAILED		GMC	VENDOR	
PENDING		GMC		
PENDING		Ford		diesel
PENDING		FORD		
PENDING		GMC		
PENDING		VENDOR		ITEM
PENDING		Ford		diesel
PENDING		FORD		



## Licenses and Insurance

- **Ability to manage information on assets for:**
  - Licenses or Registration
  - Insurance
  - Permits
- **Renewal processing for mass updates to multiple assets.**

The screenshot displays the 'Update Licenses' application window. At the top, there is a search bar with the instruction: 'To refine your search, enter the criteria for the column(s) and Click on Find.' Below this is a 'Search' section with input fields for 'Asset' (containing '62001'), 'Authority', 'License', and 'Type'. To the right of these are date range selectors for 'End Date' and 'Application Date', each with 'From' and 'To' sub-fields. 'Find' and 'Reset' buttons are located at the bottom right of the search section.

Below the search section is a table titled 'Licenses' with columns: 'Asset License', 'Description', 'Start Date', 'End Date', 'Application Date', and 'Type'. The table contains two rows:

Asset License	Description	Start Date	End Date	Application Date	Type
62001 OTR	Over the Road Permit	1/1/07			PERMIT
62001 WSE-3R5	State License and Registration	1/1/07	12/31/07		STATE

Below the table is a 'Mass Update' section with the instruction: 'Use the fields listed below to update current licenses in the set.' This section contains input fields for 'Start Date', 'End Date', 'Application Date', 'Authority', 'Cost', and 'License', each followed by an 'Apply' button. There is also a checkbox labeled 'Clear Application Date If End Date Updated?'.

At the bottom right of the window are 'OK' and 'Cancel' buttons.

## Asset History

- Add asset history to Asset Details dialog and Asset application
- View all related information in one place
- Chronological views
  - Display multiple records types in a single view

Asset Details

Details Specifications Warranties PMs History

Work Orders PMs Charges Warranties Meter Readings Status Condition Moves Usage Chronology

Options

Chronology 1 - 20 of 71

Date	Record Type	Details
4/13/07 4:02 PM	METER	Meter = ODOM-M, Reading = 103,453.00, Delta = 1,933.00, Life to Date = 103,453.00
4/6/07 4:02 PM	METER	Meter = ODOM-M, Reading = 101,520.00, Delta = 2,217.00, Life to Date = 101,520.00
3/30/07 4:02 PM	METER	Meter = ODOM-M, Reading = 99,303.00, Delta = 1,543.00, Life to Date = 99,303.00
3/20/07 10:03 AM	METER	Meter = ODOM-M, Reading = 97,760.00, Delta = 1,880.00, Life to Date = 97,760.00
3/13/07 10:03 AM	METER	Meter = ODOM-M, Reading = 95,880.00, Delta = 2,217.00, Life to Date = 95,880.00
3/6/07 10:03 AM	METER	Meter = ODOM-M, Reading = 93,663.00, Delta = 1,543.00, Life to Date = 93,663.00
2/27/07 10:03 AM	METER	Meter = ODOM-M, Reading = 92,120.00, Delta = 1,880.00, Life to Date = 92,120.00
2/20/07 10:03 AM	METER	Meter = ODOM-M, Reading = 90,240.00, Delta = 2,217.00, Life to Date = 90,240.00
2/13/07 10:03 AM	METER	Meter = ODOM-M, Reading = 88,023.00, Delta = 1,543.00, Life to Date = 88,023.00
2/6/07 10:03 AM	METER	Meter = ODOM-M, Reading = 86,480.00, Delta = 1,880.00, Life to Date = 86,480.00
1/30/07 10:03 AM	METER	Meter = ODOM-M, Reading = 84,600.00, Delta = 2,217.00, Life to Date = 84,600.00
1/23/07 10:03 AM	METER	Meter = ODOM-M, Reading = 82,383.00, Delta = 1,543.00, Life to Date = 82,383.00
1/16/07 10:03 AM	METER	Meter = ODOM-M, Reading = 80,840.00, Delta = 1,880.00, Life to Date = 80,840.00
1/9/07 10:03 AM	METER	Meter = ODOM-M, Reading = 78,960.00, Delta = 2,217.00, Life to Date = 78,960.00
1/6/07 12:00 PM	STATUS	Asset Status = OPERATING, Changed By = WILSON
1/6/07 12:00 AM	CONDITION	Condition = GOOD, Changed By = WILSON
1/4/07 12:00 PM	STATUS	Asset Status = OOS, Changed By = WILSON
1/4/07 12:00 AM	CONDITION	Condition = FAIR, Changed By = WILSON

OK

## Recent and Repeat Repairs

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- **Two dialogs that display a list of recent work orders**
- **Recent Repairs:**
  - Last  $n$  work orders regardless of time,
  - Or all work orders during last  $n$  days.
- **Repeat Repairs:**
  - All work orders during last  $n$  days that contain work that is being repeated on current work order.
  - Maintenance codes are used to determine repeated repairs
- **Automatically displayed at key points in the process**
  - Entry of an asset on a work order (recent repairs)
  - Approval of a work order (repeat repairs)

## Recent and Repeat Repairs

Recent Repairs

Display Records from Child Assets? ☐

Work Orders

Filter > 1 - 3 of 3

Download ?

Status	Date	Work Order	Description	Component	Reason for Repair	Work Accomplished
▶	5/16/07 6:58 PM	1145	Emergency Repairs			
▶	5/16/07 6:58 PM	1146	Accident			
▶	5/16/07 6:58 PM	1147	PM		08	

Tasks for Work Order 1147

Filter > 1 - 5 of 15

Download ?

Task	Description	Component	Reason for Repair	Work Accomplished
▶ 10	Replace engine oil and filter	045	08	
▶ 20	Check/clean battery terminals	032-001	08	
▶ 30	Lubricate/grease all fittings		08	
▶ 40	Check all fluid levels		08	
▶ 50	Battery	032-001-001	08	

OK

## Asset Aliases

- **Define multiple aliases for an asset**
  - 61001 (Maximo asset number),
  - FD#1 (alias),
  - The Chief's Car (alias).
- **Aliases or the Maximo asset number can be entered in the Asset fields**
- **Can be used for user department IDs, customer IDs, recycling asset numbers, etc.**

Aliases

Disposal Details

Downtime

Item Details

Motor Pool

Owners and Operators

Filter > 1 - 2 of 2 Download ?

Alias	Description	Active?	Default?	
FD1	Fire Department 1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	

New Row

## Asset Aliases

List	Work Order	Plans	Actuals	Related Records	Safety Plan	Log	Failure Reporting
Work Order *	1149						
Asset	62001		2007 Ford Escape XLT				
Alias	FD1						
Location	LEXINGTON		Lexington Fleet Garage				
Work Location							
Reported By	WILSON						
Reported Date	5/16/07 6:59 PM						
Work Type							
Maintenance Alert?	<input checked="" type="checkbox"/>						
Warranty Situation Present?	<input type="checkbox"/>						
Repair Order?	<input type="checkbox"/>						
Is Task?	<input type="checkbox"/>						
Has Follow-up Work?	<input type="checkbox"/>						
SLA Applied?	<input type="checkbox"/>						
Quick PM?	<input type="checkbox"/>						
Attachments							
Status	WAPPR						
Status Date *	5/16/07 6:59 PM						
Parent WO							
App Reference							
Site	BEDFORD						
Asset/Location Priority							
Priority							
Asset Details				Costs			
Year	2007					Total Planned Cost	0.00
Manufacturer	FORD		Ford Motor Company			Total Actual Cost	0.00
Model	ESCAPE		Ford Escape			Repair Limit Amount	1,074.08
Serial #	1B1HCYB3TR762001					Current Asset Value	21,481.50

## Questions

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# Thank You!

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