Enterprise Asset Management

Maximo for Transportation 6.3 – Overview of New Release

August 27, 2007
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Agenda

- 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

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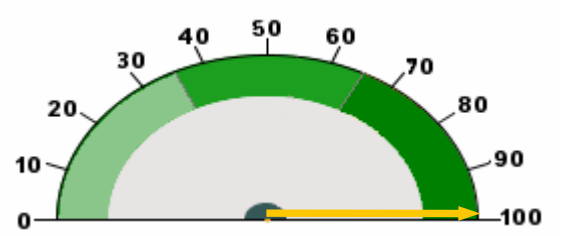
IBM Maximo for Transportation Dashboard

IBM Maximo for Transportation Success

Customers



99 Customers

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

1. **Rational Consolidation of asset management solutions** – for Fleet/Transportation Production, Facilities, & IT
2. **Technology** – J2EE Certified Internet Architecture platform
3. **Capabilities** – Feature rich solution for managing transportation & other assets
4. **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

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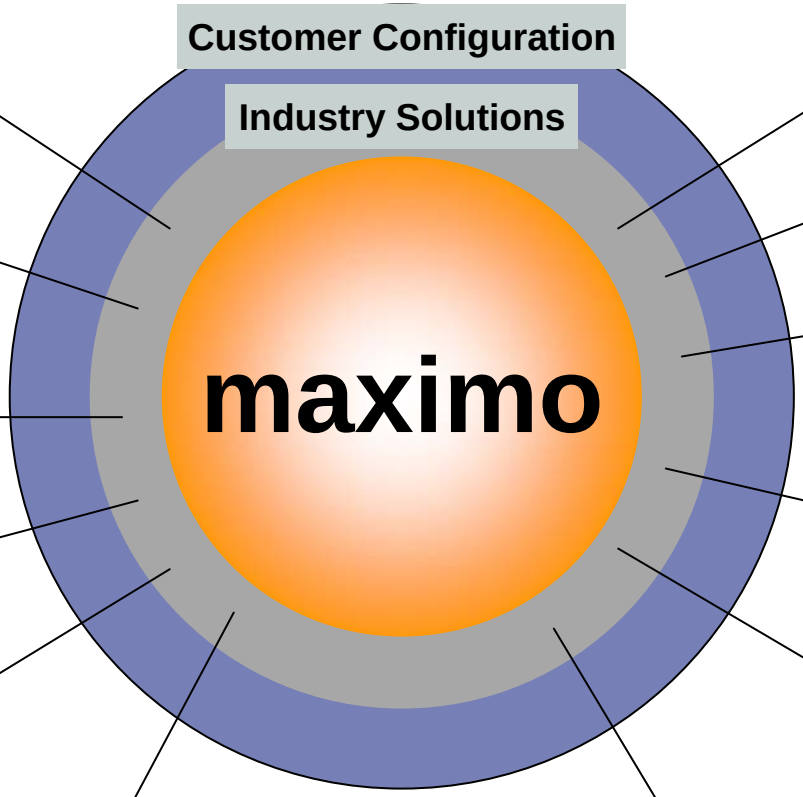
Product Expansion Model - Transportation

Maximo Transportation 6.2 modules



Alerts
- Maintenance Alerts
- PM Alerts
- Warranty Alerts

Asset Information
- Equipment Groups
- Equipment Status
- Serial # Changes
- Specifications & Vehicle Data

Campaigns
- Campaign Setup
- Progress Status

Fuel Management
- Fuel Record
- Fuel Tank Monitoring
- Fuel & Meter Import

Industry Codes
- VMRS/AAR/ATA Codes
- Line Codes

Dispatching & Scheduling
- Motor Pool
- MS Project & Primavera Integration

Inventory
- Position Codes
- Count Books

Labor
- Assignment Manager
- Labor Certification

Meters
- Meter Adjustments & Change Out
- Meter & Meter Import
- Meter History
- Unlimited Meters

Reporting & Analysis
- Drivers Log
- Industry Reports & KPIs
- Life Cycle Costing
- Log Segments & Problems

Warranty
- OEM Warranties
- Part Warranties
- Warranty Tracking & Recovery

Work Management
- Mechanic Work Order
- Repair Orders

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What's New in 6.3?

- **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.**

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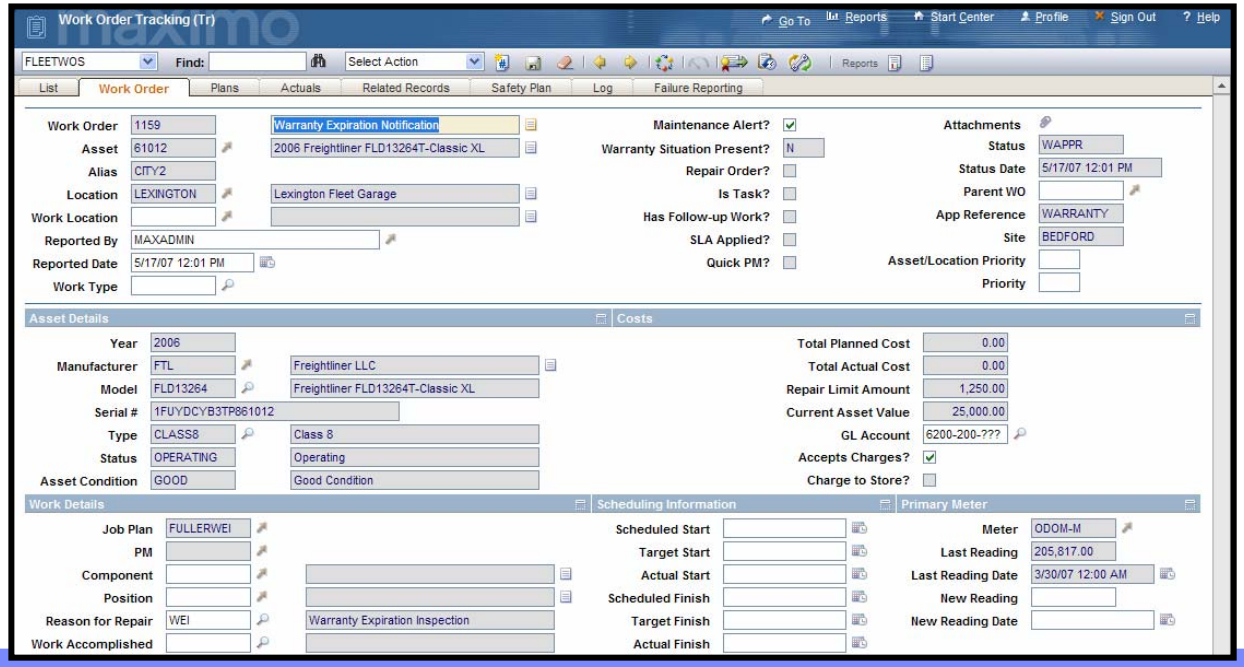
Primary Meter

- **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**



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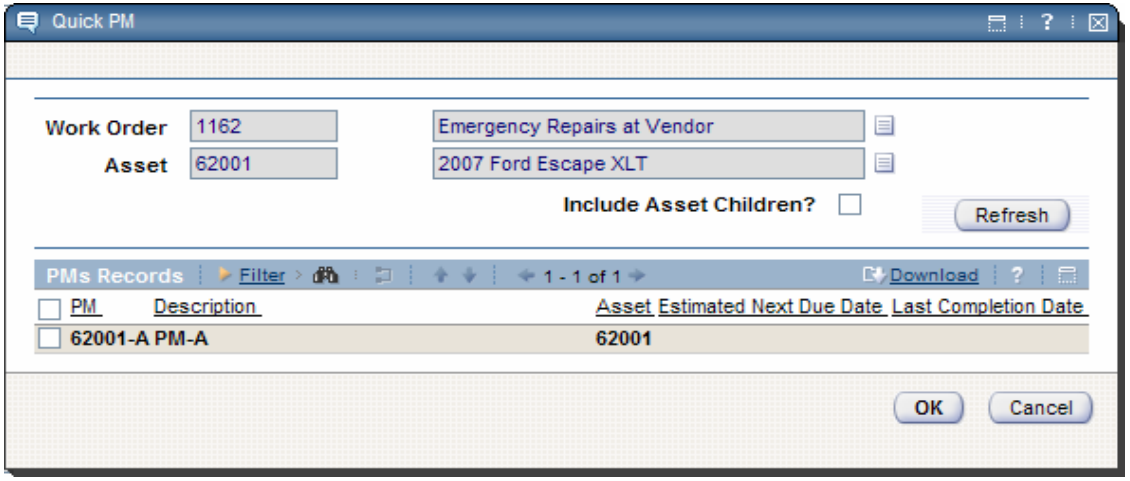
PM Enhancements

- **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)



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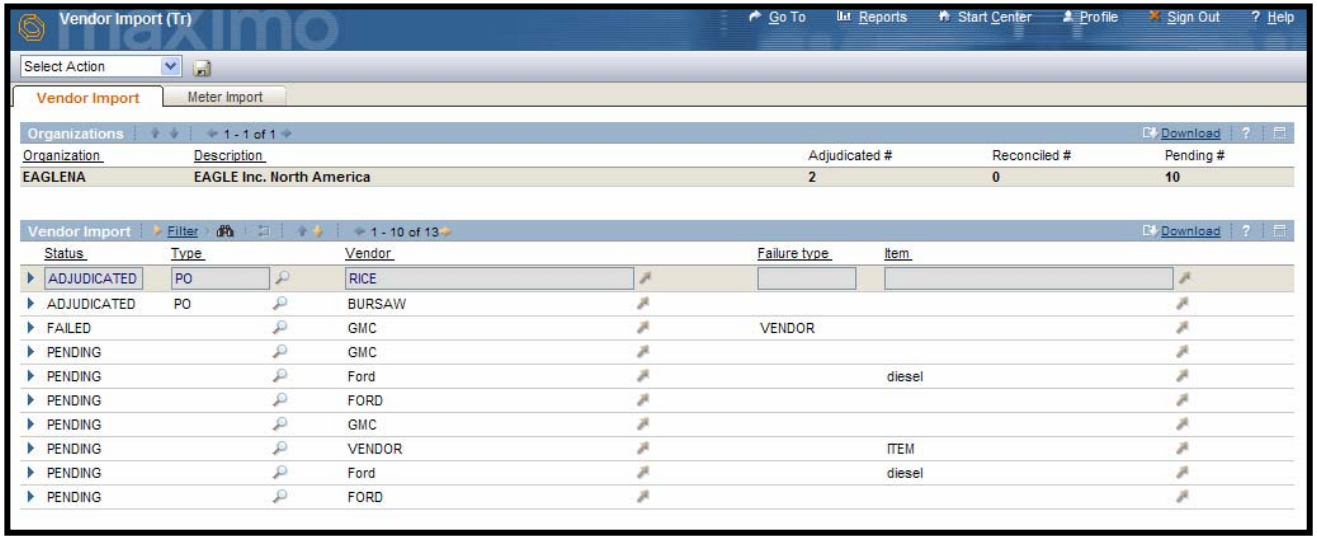
Vendor Import

- **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



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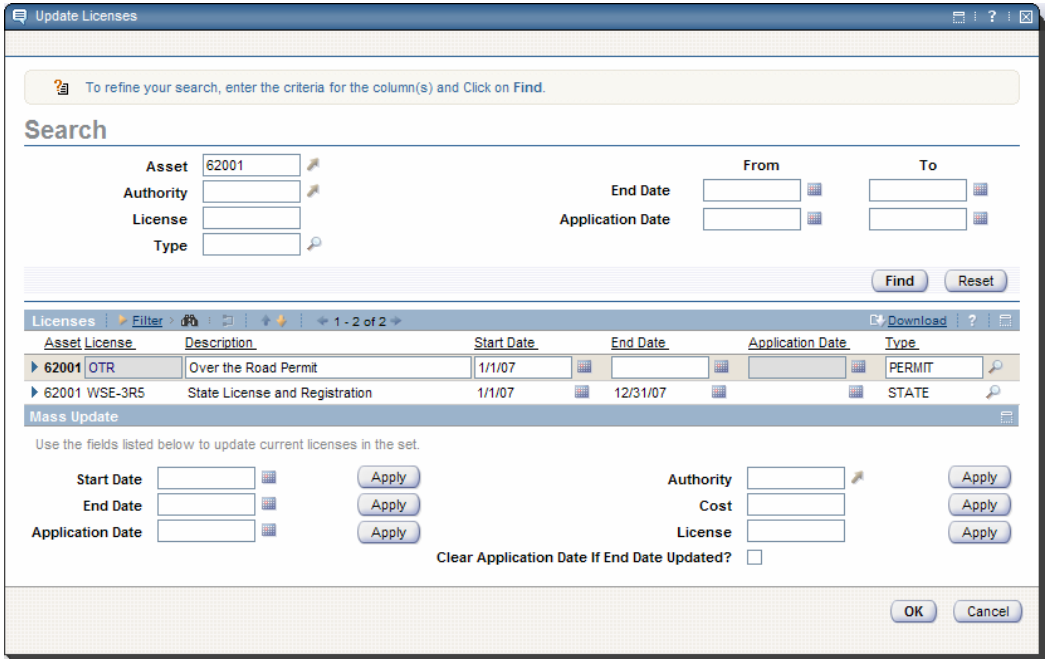
Licenses and Insurance

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



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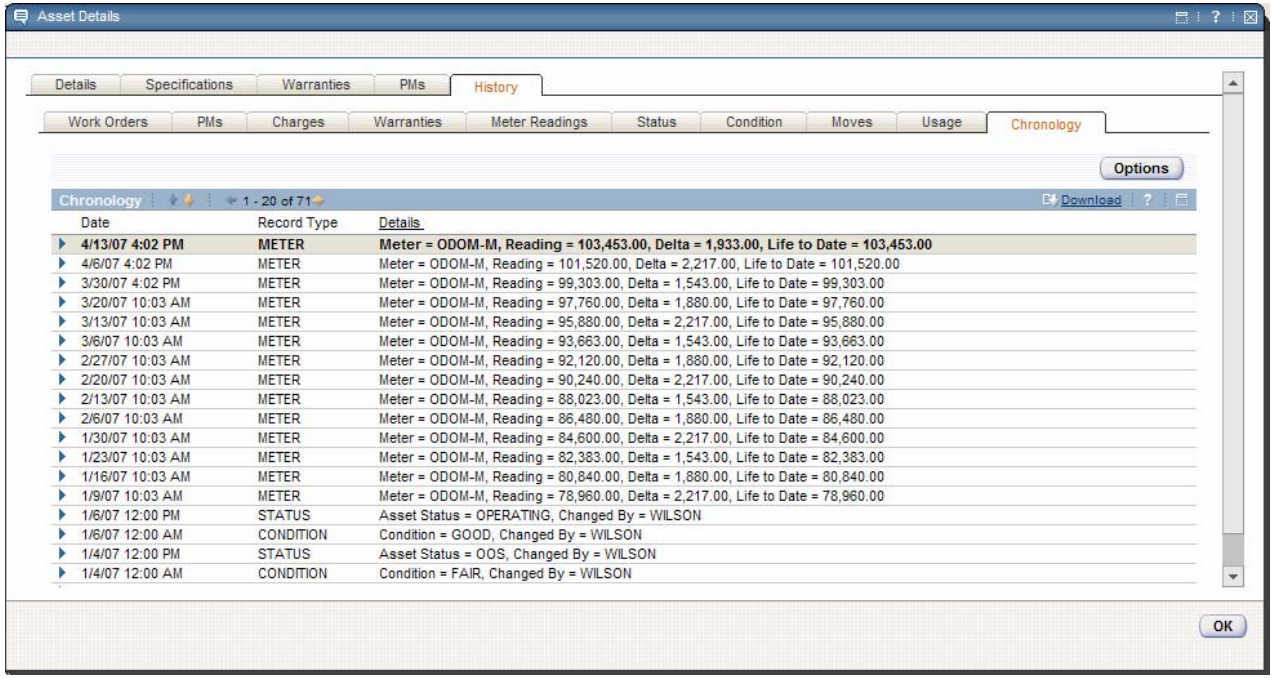
Asset History

- **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



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

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Recent and Repeat Repairs

- **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)

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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

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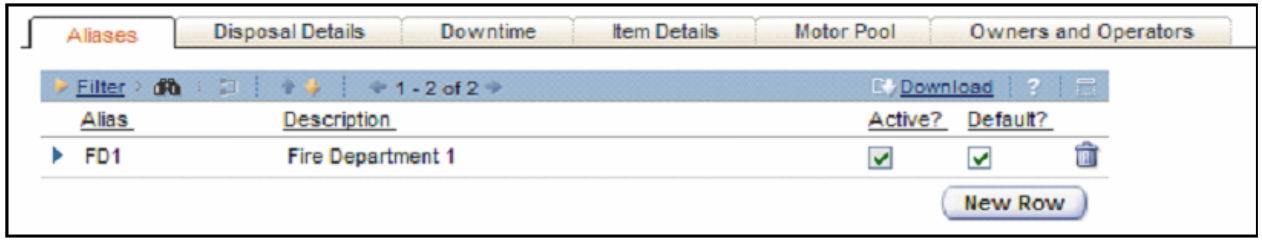
Asset Aliases

- **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.**



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Asset Aliases

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

Work Order *	1149		Maintenance Alert?	☑	Attachments
Asset	62001	2007 Ford Escape XLT	Warranty Situation Present?		Status: WAPPR
Alias	FD1		Repair Order?	☐	Status Date * 5/16/07 6:59 PM
Location	LEXINGTON	Lexington Fleet Garage	Is Task?	☐	Parent WO
Work Location			Has Follow-up Work?	☐	App Reference
Reported By	WILSON		SLA Applied?	☐	Site: BEDFORD
Reported Date	5/16/07 6:59 PM		Quick PM?	☐	Asset/Location Priority
Work Type					Priority

Asset Details

Year	2007	
Manufacturer	FORD	Ford Motor Company
Model	ESCAPE	Ford Escape
Serial #	1BJHCYB3TP762001	

Costs

Total Planned Cost	0.00
Total Actual Cost	0.00
Repair Limit Amount	1,074.08
Current Asset Value	21,481.50

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Questions

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Thank You!

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