

Smarter Infrastructure Upgrade Planning Series

Maximo for Transportation

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Introductions and Objectives

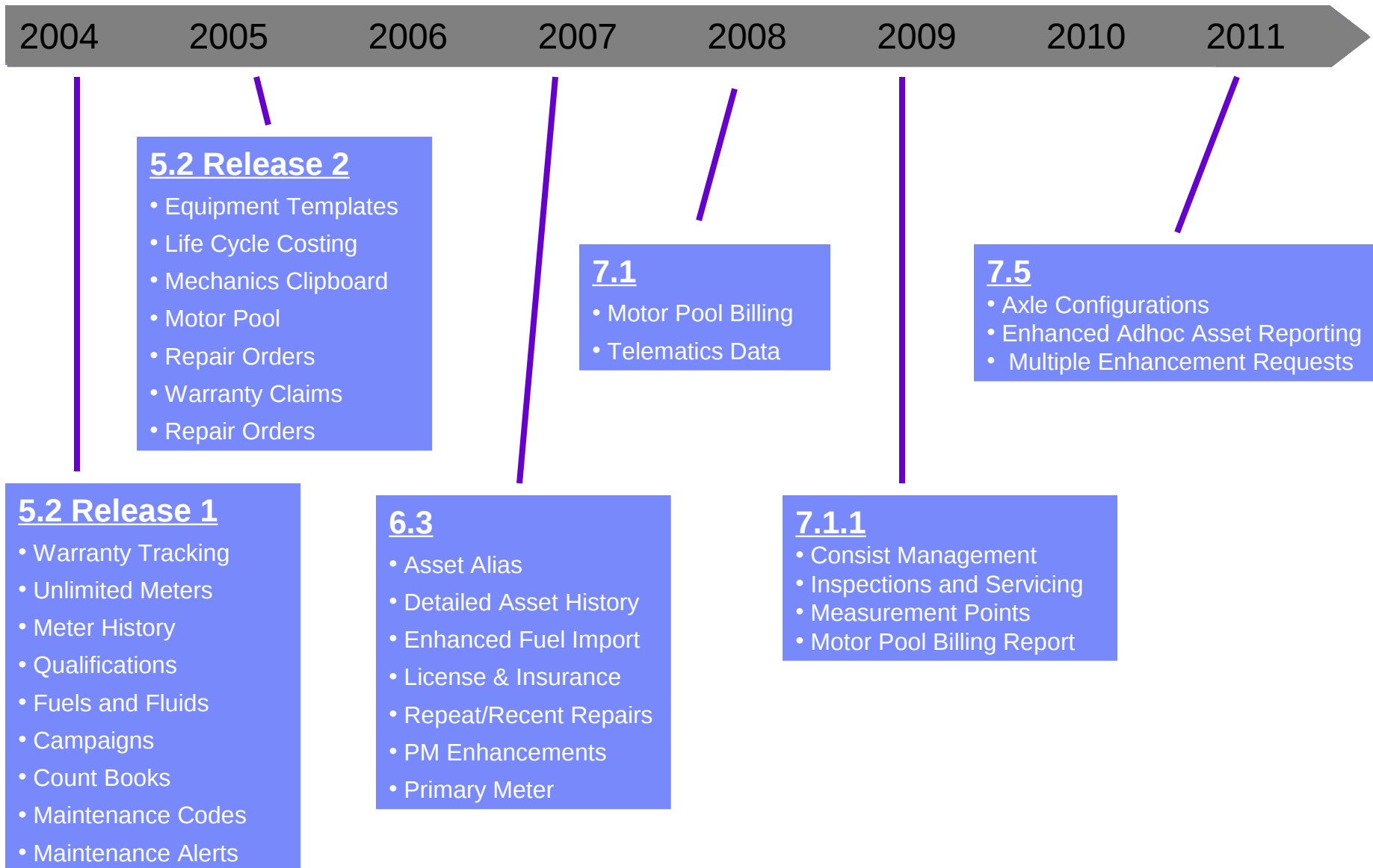
- Carey Clarke
 - Designer & Architect



Agenda

- Release Time Line
- Upgrade Paths
- Feature Deep Dive

Release Time Line



Agenda

- Release Time Line
- Upgrade Paths
- Feature Deep Dive

Upgrade Paths

- For clients on Transportation 6.3
 1. Run power update to get latest fixes for Transportation 6.3
 2. Install Maximo 7.1.1.4 and any hot fixes
 3. Install Transportation 7.1 and any hot fixes
 4. Run upgrade
- For clients on Transportation 7.1
 1. Upgrade/update to Maximo >7.1.1.7 and Transportation 7.1.1
 2. Upgrade to Maximo 7.5 and Transportation 7.5
- For clients on Transportation 7.1.1
 1. Upgrade to Maximo 7.5 and Transportation 7.5

Agenda

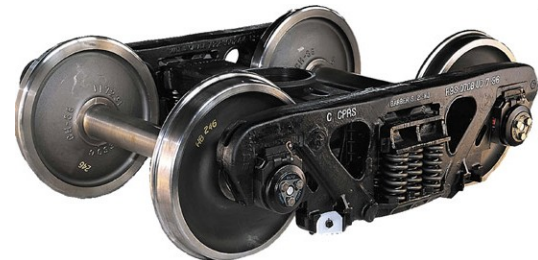
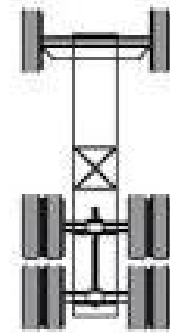
- Release Time Line
- Upgrade Paths
- Feature Deep Dive

Feature Deep Dive

- 7.5

Tire and Wheel Management

- Axle configuration templates
 - Configuration definition – bogies, axles, positions
 - Item rules for positions
 - Tolerance definition for asset, bogies, and/or axles
- Asset axle configurations
 - Currently installed items, readings, pressures
- Installation and removal inventory transactions
 - Record transaction against position
 - Record readings
- Rotate positions
- Validation of tolerances on all related actions
 - Asset, bogie, and axle validations



Tire and Wheel Management

Define Configuration

- Bogies
- Axles
- Positions
- Tolerances
- Item Rules
- Reading Basis
- Image

IBM Axle Configurations (Tr)

Find: [] Select Action []

Axle Configuration: Status:

* Tolerance Basis:

Asset Tolerance:

Click to see image in its actual size

Bogies 1 - 2 of 2

Bogie	Description	Bogie Tolerance
B1	Bogie 1	8.00
B2	Bogie 2	8.00

Axles 1 - 4 of 4

Axle	Description	Axle Tolerance	Bogie
A1	Axle 1	5.00	B1
A2	Axle 2	5.00	B1
A3	Axle 3	5.00	B2
A4	Axle 4	5.00	B2

Axle Positions 1 - 8 of 8

Position Number	Description	Axle	Bogie	Position	Item Rules
1	Position 1	A1	B1		NONE
2	Position 2	A2	B1		NONE
3	Position 3	A3	B2		NONE
4	Position 4	A4	B2		NONE
5	Position 5	A4	B2		NONE
6	Position 6	A3	B2		NONE
7	Position 7	A2	B1		NONE
8	Position 8	A1	B1		NONE

Tire and Wheel Management

- View current configuration details of all assets on the work order
- Record readings
- On and off inventory transactions
- Rotate positions

Work Order Tracking (Tr) Bulletins: (0) Go To Reports Start Center Profile Sign Out Help

Find: Select Action # [Icons]

List Work Order Plans Actuals Activities Measurements **Axle Configuration** Related Records Safety Plan Log Failure Reporting Specifications

Work Order: 1160 Site: BEDFORD Status: WAPPR

Display Positions for All Assets on Work Order?

Axle Positions Filter > [Icons] 1 - 8 of 8 [Download]

	Position Number	Axle	Bogie	New Reading	New Pressure	Out of Tolerance on Axle	Out of Tolerance on Bogie	Out of Tolerance on Asset
▶	1	A1	B1	<input type="text"/>	<input type="text"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
▶	2	A2	B1			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
▶	3	A3	B2			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
▶	4	A4	B2			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
▶	5	A4	B2			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
▶	6	A3	B2			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
▶	7	A2	B1			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
▶	8	A1	B1			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Rotate Positions

Asset Activity ROS

- In order to more readily accommodate extended reporting needs such as GSA FAST, the following additional source objects were added to this ROS in the Assets (Tr) application:

- PLUSTACTIVITY
- PLUSTLOGS
- PLUSTLOGENTRY
- PLUSTLOGMTR
- PLUSTLOGPROB
- PLUSTLOGQUAL
- PLUSTMTRCHNG
- PLUSTMPTRANS
- PLUSTMPCHARGEDDETAIL
- PLUSTTELEHIST
- PLUSTCLAIM
- PLUSTWARRTRANS
- PLUSTVR
- PLUSTVS
- PLUSTPMHIST
- METERREADING
- PLUSTASSETSTHIST
- SERVRECTRANS
- LABTRANS

Feature Deep Dive

- 7.1.1

Consist Management

- Requirement to provide tools to manage rail consists (train sets)
- In the rail industry, a group of rolling stock (cars, locomotives, etc.) that are coupled together to form a train are often referred to as a 'Consist'.
- There are rules and processes required to take the individual rail assets and assemble them into a train.
- There are often rules for 'married-pairs'. These are sets of cars that are always kept coupled together and are used as a single unit.

Consist Template

Consist Templates (Tr) Cobra | Bulletins: (0) | Go To | Reports | Start Center | Profile | Sign Out | Help

Find: Select Action:

List **Consist Template**

Consist Template: Status: Organization:
 Type: Status Date: Attachments:

Consist-Level Rules | Filter > | Download ?

Quantity	Rotating Item	Asset Type	Asset Classification	Memo	Rule Type
...No rows to display...					

Consist Positions | Filter > | 1 - 5 of 5 | Download ?

Current Position	New Position	Memo	Mandatory Position	Rule Type
▶ 1	<input type="text" value="1"/>	<input type="text" value="Locomotive"/>	<input type="text" value="Y"/>	<input type="text" value="MANDATORY"/>
▶ 2	<input type="text" value="2"/>	<input type="text" value="Car"/>	<input type="text" value="Y"/>	<input type="text" value="MANDATORY"/>
▶ 3	<input type="text" value="3"/>	<input type="text" value="Car with Bathroom"/>	<input type="text" value="Y"/>	<input type="text" value="MANDATORY"/>
▶ 4	<input type="text" value="4"/>	<input type="text" value="Car"/>	<input type="text" value="N"/>	<input type="text" value="MANDATORY"/>
▶ 5	<input type="text" value="5"/>	<input type="text" value="Car"/>	<input type="text" value="N"/>	<input type="text" value="WARNING"/>

Rules for Position 1 | Filter > | 1 - 1 of 1 | Download ?

Rotating Item	Asset Type	Asset Classification	Memo
▶ <input type="text" value="M7L"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Consists

Consists (Tr)
Cobra | Bulletins: (0) | Go To | Reports | Start Center | Profile | Sign Out | Help

Find:
Select Action

List
Consist Positions
Consist-Level Elements
Meters

Select a position, then select an available asset and click Move to Consist to move the asset to that position. Click Show Rules for the position to help you select an asset that meets the position requirements. Mandatory rules must be met before you can make the consist operational. Use the Move Up and Move Down buttons to rearrange assets within the consist.

Consist:

Status:

Site:

Consist Template:

Status Date:

Attachments:

Positions
Filter
Download

Curr. Pos.	New Pos.	Asset	Description	M. Pair?	Rotating Item	Asset Type	Asset Classification
1	1	L1003	M7 Locomotive	<input type="checkbox"/>	M7L		
2	2	PC2007	M7 Passenger Car	<input type="checkbox"/>	M7C		
3	3	PC3003	M7 Passenger Car with Bathroom	<input type="checkbox"/>	M7BC		
4	4	PC2006	M7 Passenger Car	<input type="checkbox"/>	M7C		
5	5	PC2005	M7 Passenger Car	<input type="checkbox"/>	M7C		

Available Assets
Filter
Download

Rotating Item	Asset Type	Asset Classification	Asset	Description	M. Pair?	Status	Location
M7L	L1001	M7 Locomotive	L1001	M7 Locomotive	<input type="checkbox"/>	OPERATING	FRANKLIN
M7L	L1002	M7 Locomotive	L1002	M7 Locomotive	<input type="checkbox"/>	OPERATING	FRANKLIN
M7C	PC2001	M7 Passenger Car	PC2001	M7 Passenger Car	<input type="checkbox"/>	OPERATING	FRANKLIN
M7C	PC2002	M7 Passenger Car	PC2002	M7 Passenger Car	<input type="checkbox"/>	OPERATING	FRANKLIN
M7C	PC2003	M7 Passenger Car	PC2003	M7 Passenger Car	<input type="checkbox"/>	OPERATING	FRANKLIN
M7C	PC2004	M7 Passenger Car	PC2004	M7 Passenger Car	<input type="checkbox"/>	OPERATING	FRANKLIN
M7BC	PC3001	M7 Passenger Car with Bathroom	PC3001	M7 Passenger Car with Bathroom	<input type="checkbox"/>	OPERATING	FRANKLIN
M7BC	PC3002	M7 Passenger Car with Bathroom	PC3002	M7 Passenger Car with Bathroom	<input type="checkbox"/>	OPERATING	FRANKLIN

Inspections & Servicing

- Requirement to manage frequently recurring, repetitive activities
- These activities are not normally considered as PM activities or as work order tasks
 - No materials, labor, services, etc. expended to perform these activities
- Track such data as the asset, consist, activity, activity date, labor code, completion indicator, entered by, entered date, and location.
- Designed as a quick entry tool for repetitive activities
- Can be managed as part of a work order or completely independent of a work order

Inspections & Servicing Application

Find:

Advanced Search Save Query

Default Table Data Insert New Rows

Activity <input type="text"/>	Entered By <input type="text"/>	Consist <input type="text"/>
Activity Date <input type="text"/>	Entered Date <input type="text"/>	Number of Rows to Insert <input type="text"/>
Consist <input type="text"/>	Completed? <input checked="" type="checkbox"/>	Add Rows
Labor <input type="text"/>	Work Order <input type="text"/>	
Work Location <input type="text"/>	Memo <input type="text"/>	

Activities Filter 1 - 1 of 1 Download

Asset	Consist	Activity	Activity Date	Labor	Work Location	Entered By	Entered Date	Complete?
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input checked="" type="checkbox"/>

Details

Asset <input type="text"/>	Entered By <input type="text"/>
Consist <input type="text"/>	Entered Date <input type="text"/>
Activity <input type="text"/>	Complete? <input checked="" type="checkbox"/>
Activity Date <input type="text"/>	Work Order <input type="text"/>
Labor <input type="text"/>	Memo <input type="text"/>
Work Location <input type="text"/>	

Select Assets New Row

Measurements Points

- Requirement to make Maximo's Condition Monitoring better suited to transportation environments
 - Easier to create a set of measurement points for a group of assets
 - Easier to enter multiple measurements on a work order
- Define a set of Measurement Points in the Asset Template application
- A new Measurement Points tab added to the Work Order Tracking application
- This tab will list all the measure points for the work order as selected by the user.
- Choices to populate the tab are selecting individual measurements, measurements for the asset on the work order, measurements for all the assets on the work order

Measurements in Templates

Measurement Points Filter 1 - 1 of 1 Download ?

Point	Description	Meter	Description	Meter Type	Unit of Measure
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Details

Point	<input type="text"/>	Meter Type	<input type="text"/>				
Meter	<input type="text"/>	Unit of Measure	<input type="text"/>	Attachments			

Upper Limits

Upper Warning Limit	<input type="text"/>
Upper Action Limit	<input type="text"/>
Upper Limit Master PM	<input type="text"/>
Upper Limit Job Plan	<input type="text"/>
Upper Limit Priority	<input type="text"/>

Lower Limits

Lower Warning Limit	<input type="text"/>
Lower Action Limit	<input type="text"/>
Lower Limit Master PM	<input type="text"/>
Lower Limit Job Plan	<input type="text"/>
Lower Limit Priority	<input type="text"/>

[New Row](#)

Characteristic Action Values for Measurement Point Filter 1 - 1 of 1 Download ?

Value	Description	PM	Job Plan	Priority
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Details

Value *	<input type="text"/>	Master PM	<input type="text"/>	Job Plan	<input type="text"/>	Priority	<input type="text"/>
---------	----------------------	-----------	----------------------	----------	----------------------	----------	----------------------

[New Row](#)

Measurements in Work Orders

Work Order: Warranty Expiration Notification Site: Status:

Default Table Data **Add Measurement Points**

Inspector: Asset: All Work Order Assets? Include Child Assets? **Add Measurement Points**

Measurement Date:

Measurements Filter 1 - 1 of 1 Download

Asset	Measurement Point	Measurement	Observation	Inspector	Measurement Date
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Details

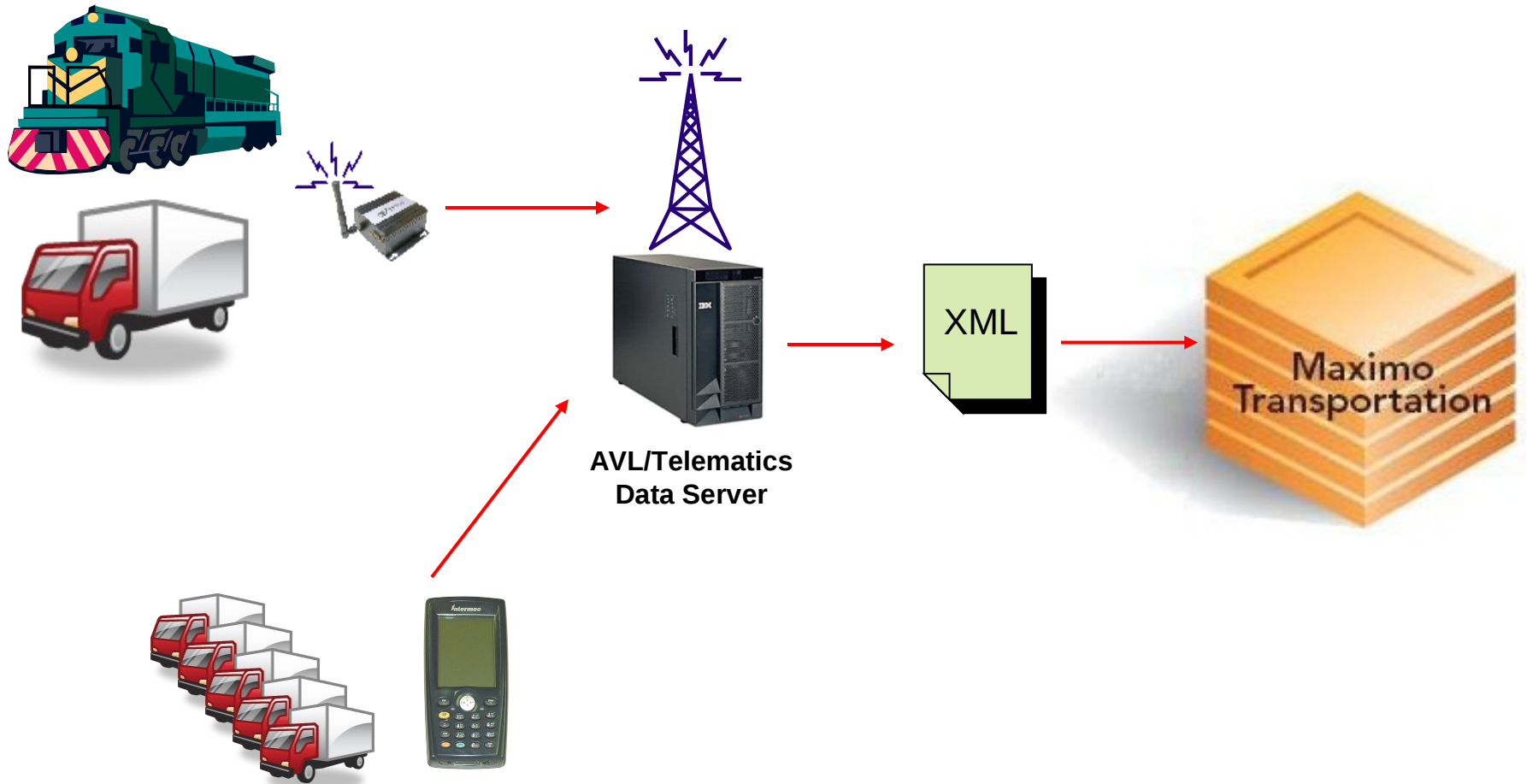
Asset	<input type="text"/>	Observation	<input type="text"/>
Measurement Point	<input type="text"/>	Inspector	<input type="text"/>
Measurement	<input type="text"/>	Measurement Date	<input type="text"/>

New Row

Feature Deep Dive

- 7.1

Telematics Data Management



Telematics Data Management

- Import Fault Codes and Health Monitoring data
- Data imported in XML format
- Fully Automated
- Fault Code handling can be configured as follows:
 - Ignore/discard
 - Store for historical purposes only
 - Store and create Work Order
- Health Monitoring data stored as meter readings
 - Engine temperature, maximum RPM, hard stop counts, etc.
 - Create readings as either continuous or gauge meters in Maximo

Motor Pool Billing

- Will be discussed as part of 5.2 Release 2

Feature Deep Dive

- 6.3

Asset Aliases

- Assets may have multiple identifiers
- An alias or an asset number can be used to identify assets in any application

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

Asset Aliases

[List](#) | **Work Order** | [Plans](#) | [Actuals](#) | [Related Records](#) | [Safety Plan](#) | [Log](#) | [Failure Reporting](#)

Work Order * 1149
 Asset fd1
 Alias
 Location LEXINGTON
 Work Location
 Reported By WILSON
 Reported Date 5/16/07 6:59 PM
 Work Type

Maintenance Alert?
 Warranty Situation Present?
 Repair Order?

Attachments
 Status WAPPR
 Status Date * 5/16/07 6:59 PM

Select Value

Filter > 1 - 2 of 2

Asset	Description	Alias	Description	Location	Site
62001	2007 Ford Escape XLT	FD1	Fire Department 1	LEXINGTON	BEDFORD
62004	2007 Ford Escape XLT	FD1	Fire Department 1	WOBURN	BEDFORD

Cancel

Asset Details
 Year
 Manufacturer
 Model
 Serial #

Current Asset Value 21,481.50

[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?
 Warranty Situation Present?
 Repair Order?
 Is Task?
 Has Follow-up Work?
 SLA Applied?
 Quick PM?

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
 Manufacturer FORD Ford Motor Company
 Model ESCAPE Ford Escape
 Serial # 4R1HGV837D762001

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

Asset History

- **Asset history should be:**
 - Made readily available when it is needed
 - Easily accessible without moving to multiple applications and performing manual searches
 - Organized in a usable format
- **Full history in the Asset application**
- **Full history in the Asset Details dialog**
 - Available everywhere you see an asset field

Asset History

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 Download ?

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

Fuel Transactions 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

Fuel Transactions Import

Vendor Import (Tr) Go To | Reports | Start Center | Profile | Sign Out | Help

Select Action Vendor Import | Meter Import

Organizations Download | ?

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

Vendor Import Filter | Download | ?

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.

Aliases | Disposal Details | Downtime | Item Details | **Licenses** | Motor Pool | Owners and Operators

Licenses Filter 1 - 2 of 2

License	Description	Authority	Start Date	End Date	Application Date	Type	Cost
▶ OTR	Over the Road Permit	MASS	1/1/07			PERMIT	85
▼ WSE-3R5	State License and Registration	MASS	1/1/07	12/31/07		STATE	143

Details

License	<input type="text" value="WSE-3R5"/>	* <input type="text" value="State License and Registration"/>	Start Date *	<input type="text" value="1/1/07"/>
Authority *	<input type="text" value="MASS"/>	<input type="text"/>	End Date	<input type="text" value="12/31/07"/>
Type	<input type="text" value="STATE"/>		Application Date	<input type="text"/>
Cost *	<input type="text" value="143"/>			

Licenses and Insurance

Update Licenses
? | X

? To refine your search, enter the criteria for the column(s) and Click on Find.

Search

Asset

Authority

License

Type

From

To

End Date

Application Date

Licenses
Download | ?

Filter
1 - 2 of 2

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

Mass Update

Use the fields listed below to update current licenses in the set.

Start Date

End Date

Application Date

Authority

Cost

License

Clear Application Date If End Date Updated?

Recent and Repeat Repairs

- Similar to the problem with asset history
- Two new dialogs have been added to the work order applications
 - Repeat Repairs
 - Recent Repairs
- Clients can choose to automatically have this information displayed at key points in the process
 - entry of an asset on a work order (recent repairs)
 - approval of a work order (repeat repairs)
- Icons on the toolbar will provide easy access to this information at any point in the repair process.

Recent and Repeat Repairs

Recent Repairs ☰ ? ✕

Display Records from Child Assets?

Work Orders 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 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

Primary Meter

- Designate a Primary Meter for an asset
- Enter Meter Readings on the main tab of
 - Work Order
 - Quick Reporting applications
- View last reading
- Optionally require a Primary Meter Reading at a defined work order status

Primary Meter

Quick Reporting (Tr) Go To | Reports | Start Center | Profile | Sign Out | Help

Find: Select Action Reports

List **Quick Reporting**

Work Order	1153	Warranty Expiration Notification	Maintenance Alert? <input checked="" type="checkbox"/>
Asset	801	2004 Freightliner FLD13264T-Classic XL	Warranty Situation Present? <input type="text" value="N"/>
Alias	LH1		Status <input type="text" value="INPRG"/>
Location	ATLTERM	Atlanta Domocile Terminal	Site <input type="text" value="FLEET"/>
Work Location			

Work Details ☰

Asset Details ☰

Primary Meter ☰

New Reading <input type="text"/>	Last Reading <input type="text" value="127,080.00"/>
New Reading Date <input type="text"/>	Last Reading Date <input type="text" value="4/6/07 12:00 AM"/>
Meter <input type="text" value="ODOM-M"/>	Primary Reading Entered? <input type="checkbox"/>

Tasks Download ? ☰

Filter 1 - 5 of 5

Labor **Materials** Tools Failure Reporting

Labor Download ? ☰

Task	Labor	Approved?	Start Date	Start Time	End Time	Regular Hours	Rate	Warranty?	Qualification Met?
...No rows to display...									

PM Enhancements

- **Extend Master PM and PMs**
 - Establish relationships between Master PMs to Activate, Inactivate, Complete
 - Set Start Date, End Date, or Maximum Count for PMs.
- **Quick PM**
 - Provide Capability to associate a PM with a work order on the fly
- **PM Event History**
 - History for stages of PM (due, triggered, performed)

PM Enhancements

Master PM (Tr)

Find: Select Action

List
Master PM
Frequency
Seasonal Dates
Job

Master PM

Item

Item Set

Work Order Information

Work Type

Work Order Status *

Work Order Priority *

Interruptible?

Master PM Relationships

Action Type	Related PM	Description	Scenario
COMPLETE	LD-B	Light Duty PMB	Complete

Quick PM

Work Order

Asset

Include Asset Children? Refresh

PMs Records Filter 1 - 1 of 1 Download

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

OK Cancel

Create Associated PMs for Item's Location?

Create Associated PMs for Item's Asset?

Lead Time (Days)

Lead Time Active?

Feature Deep Dive

- 5.2 Release 2

Asset Templates

- In-Servicing or In-fleeting functionality
 - Applying same or similar data to a collection of assets
- Template *may* contain:
 - Birth certificate date (year, make, model, etc)
 - Operator Qualifications
 - Spare Parts
 - Warranties
 - PMs
 - Meters
 - Specifications
 - Depreciation Schedule
- Create multiple assets or update existing assets

Asset Templates

Asset Templates (Tr) Go To | Reports | Start Center | Profile | Sign Out | Help

Find: Select Action List | Asset Template | Spare Parts | Warranties | PMs | Meters | Specifications

Asset Template: Attachments:
 Status: Organization:

Details

Asset Description:

Year:

Manufacturer:

Model:

Asset Type:

Component:

Position:

Asset Condition:

Vendor:

Usage:

Repair Limit (%):

Purchase Price:

Replacement Cost:

Budgeted:

Priority:

Operator Qualifications:

Is a Motor Pool Resource? Yes No Not Applicable

Generate New Assets

Site:

Use the Default Asset Table Data section to set default values for new rows inserted in the Assets table window. To generate a series of asset numbers, use the Generate Asset Numbers section below.

Default Asset Table Data

Location: Serial #: Depreciation Start Date:

Status: Warranty Start Date: PM Start Date:

Installation Date: Meter Start Date: PM Storeroom:

Generate Asset Numbers

Quantity*: Starting Asset #: Prefix: Suffix:

Assets	Filter	Download	1 - 5 of 5	
Asset	Location	Status	Serial #	Installation Date
W1001Z	FLTGAR	NOT READY	23WER34U8U	1/4/07
W1002Z	FLTGAR	NOT READY	23WER34U8U	1/4/07
W1003Z	FLTGAR	NOT READY	23WER34U8U	1/4/07
W1004Z	FLTGAR	NOT READY	23WER34U8U	1/4/07
W1005Z	FLTGAR	NOT READY	23WER34U8U	1/4/07

Motor Pool

- Vehicle Reservations Tool
 - Reservation Requests
 - Scheduling of Vehicles and Drivers

Vehicle Requests (Tr)
Go To | Reports | Start Center | Profile | Sign Out | Help

List Vehicle Request

Vehicle Request	1180	Need vehicle for beer run	Charge Account *	6000-300-200	Site	BEDFORD
Requester's Location	NEEDHAM	Needham Site	Reported Date	1/3/07 12:59 PM	Attachments	
Dispatch Location	NEEDHAM	Needham Site	Start Date *	1/5/07 12:00 AM	Status	WAPPR
Vehicle Type	PU4WD		Completion Date *	1/6/07 12:00 AM	Phone	(617) 555-9017
Driver Required?	<input checked="" type="checkbox"/>		# Passengers	4	Duration	24:00
Work Assignment?	<input type="checkbox"/>				Parent Request	
Requested By	WILSON				Qualifications	NONE

Scheduled Driver Information

Driver	Name
Start Date	Finish Date
Dispatch Location	Vehicle Type
Vehicle	

Associated Vehicle Requests Filter | Download | ?

Vehicle Request	Status	Description	Dispatch Location	Vehicle Type	Start Date	Completion Date
...No rows to display...						

New Row

Motor Pool

Vehicle Scheduling (Tr) Go To | Reports | Start Center | Profile | Sign Out | Help

Find: Select Action [Icons]

Vehicle Scheduling | Dispatch Details

Advanced Search | Save Query

Dispatch List | Filter | 1 - 3 of 3 | Download | ?

Parent Disp	Disp Req	Req Veh Type	Vehicle	Driver?	Target Start	Scheduled Start	Scheduled Finish	Status	Driver	Disp Location
	1180	PU4WD		Y	1/5/07 12:00 AM					NEEDHAM
	1181	PU4WD		N	1/6/07 12:00 AM					BOSTON
	1182	CLASS8		Y	1/5/07 12:00 AM					BOSTON

Refresh Dispatch List

Pool Resource List | Filter | 1 - 6 of 6 | Download | ?

Type	Vehicle	Description	Status	Location	Operator Qualifications	Dispatch Conflicts	Work Conflicts
CLASS8	61001	2004 Freightliner FLD13264T-Classic XL	OPERATING	FLTGAR	DLCLASS1	0	0
CLASS8	61002	2004 Freightliner FLD13264T-Classic XL	OPERATING	FLTGAR	DLCLASS1	0	0
CLASS8	61003	2004 Freightliner FLD13264T-Classic XL	OPERATING	FLTGAR	NONE	0	0
CLASS8	61004	2004 Freightliner FLD13264T-Classic XL	OPERATING	FLTGAR	NONE	0	0
CLASS8	61005	2004 Freightliner FLD13264T-Classic XL	OPERATING	FLTGAR	NONE	0	0
PU4WD	X1001B	2007 F150 4WD Pickup	OPERATING	NEEDHAM	DLCLASS1	0	0

Driver List | Filter | 1 - 6 of 84 | Download | ?

Craft	Driver Code	Name	Work Location	Calendar	Dispatch Conflicts	Work Conflicts
TIER2	ADAMS	Hank Adams			0	0
PIPE	ALLEN	Rebecca Allen	NEEDHAM	DAY	0	0
CONSTR	BALDWIN	Kurt Baldwin	NEEDHAM	DAY	0	0
ELECT	BALL	Allan Ball		DAY	0	0
MECH	BARRY	Thomas Barry		DAY	0	0
PIPE	BENETTI	John Benetti			0	0

Filter Drivers to Match Dispatches

Motor Pool Billing

- Supports usage tracking and billing
- Focused on internal billing for short term and long term assignments
- Rate schedules and rules
 - Time and/or usage rates
 - Date, day exemptions
 - Included usage
 - Rounding up or down
 - Rates for assets, asset types, classifications, dispatch location, renter's location, etc.
- Billing transactions created based on schedules

Mechanic's Clipboard

- One stop application for shop staff,
- Time clock to start, interrupt, and finish jobs,
- Record labor time, parts and materials, and tool usage,
- Record industry maintenance codes and mechanic's comments,
- Change asset condition and status, enter meter readings,
- View Asset History, Recent Repairs, and Repeat Repairs.

Mechanic's Clipboard

Mechanic's Clipboard (Tr) Go To Reports Start Center Profile Sign Out Help

Find: Select Action Download ?

Advanced Search Save Query

Work List Filter 1 - 8 of 17 Download ?

WO Group	Task	Description	Labor	Craft	Skill Level	Scheduled Date	Lab Hrs	Asset	Location	Asgmt Status	WO Status	Calc Pri
1005	40	Check brakes, brake lights, and emergency ...					12300		SHIPPING		APPR	
1022	40	Check brakes, brake lights, and emergency ...					12300		SHIPPING		WSCH	
1029	40	Check braking systems, and emergency bra...					12210		SHIPPING		WSCH	
1030	40	Check brakes, brake lights, and emergency ...					12100		SHIPPING		WSCH	
1051		Replace Right Rear Brake Chamber					61001		FLTGAR		COMP	
1052		Replace Right Rear Brake Chamber					61002		FLTGAR		COMP	
1053		Replace Right Rear Brake Chamber					61003		FLTGAR		COMP	
1054		Replace Right Rear Brake Chamber					61004		FLTGAR		COMP	

Work Order Details

WO Group: <input type="text" value="1051"/> Task: <input type="text"/> Asset: <input type="text" value="61001"/> Select Value Location: <input type="text" value="FLTGAR"/> Open Drilldown Component: <input type="text" value="D13-002-019"/> Classification Position: <input type="text" value="CSA3"/> Go To Assets Reason for Repair: <input type="text" value="01"/> Go To Assets (Tr) Work Accomplished: <input type="text" value="03"/> Go To Assets Sandbox Part Failure: <input type="text" value="18"/> View Contracts View Work Orders and PMs View Asset Details Year: <input type="text"/> View Tickets Manufacture: <input type="text"/> Enter Meter Readings Model: <input type="text"/> Change Status	264T-Classic XL Open Drilldown DR CHAMBER - REAR Open Drilldown	WO Status: <input type="text" value="COMP"/> Work Location: <input type="text"/> Warranty Situation Present?: <input type="text" value="Y"/> Qualifications: <input type="text" value="NONE"/> Help Met on Assignments?: <input type="text"/> Met on Actual Labor?: <input type="text"/> Calculated Priority: <input type="text"/>
--	--	---

Asset Details

Type: <input type="text" value="CLASS"/>
Serial #: <input type="text" value="1FUVDYB3TP779071"/>
Status: <input type="text" value="OPERATING"/>

Assignment Details

Labor: <input type="text"/>	Labor Hours: <input type="text"/>
Craft: <input type="text"/>	Scheduled Date: <input type="text"/>
Skill Level: <input type="text"/>	Assignment Status: <input type="text"/>
Component: <input type="text"/>	Reason: <input type="text"/>
Position: <input type="text"/>	Vendor: <input type="text"/>
Reason for Repair: <input type="text"/>	Contract: <input type="text"/>
Work Accomplished: <input type="text"/>	Met?: <input type="text"/>
Part Failure: <input type="text"/>	

Labor Materials Tools

Task	Labor	Approved?	Start Date	Start Time	End Time	Regular Hours	Rate	Warranty?	Qualification Met?
STORM		Y	11/16/05			2:00	19.50	Y	

Life Cycle & Depreciation

- More complete picture of asset value and performance
- More complete life cycle tracking
 - Purchase or lease through MXES contracts and purchasing
 - In-servicing toolset to prepare asset for service
 - Details on asset's current condition and value
 - Movement and maintenance history
 - Status history
 - Maintenance Costs
 - Fuel Costs
 - Pertinent data to support the "Repair or Replace" decision
 - Disposal details

Life Cycle & Depreciation

Assets (Tr)
Go To | Reports | Start Center | Profile | Sign Out | Help

Find:
Select Action v

List | Asset | Warranties | Spare Parts | Safety | Meters | Specifications | PMs | History

Asset	<input type="text" value="61001"/>	<input type="text" value="2004 Freightliner FLD13264T-Classic XL"/>	Alias	<input type="text" value="LH1"/>	Site	<input type="text" value="BEDFORD"/>
Location	<input type="text" value="LEXINGTON"/>	<input type="text" value="Lexington Fleet Garage"/>	Status	<input type="text" value="OPERATING"/>	Attachments	

Details
Life Cycle

<table style="width: 100%; border-collapse: collapse;"> <tr><td>Year</td><td><input type="text" value="2004"/></td></tr> <tr><td>Manufacturer</td><td><input type="text" value="FTL"/> <input type="text" value="Freightliner LLC"/></td></tr> <tr><td>Model</td><td><input type="text" value="FLD13264"/></td></tr> <tr><td>Serial #</td><td><input type="text" value="1FUYYCYB3TP779071"/></td></tr> <tr><td>Type</td><td><input type="text" value="CLASS8"/></td></tr> <tr><td>Vendor</td><td><input type="text" value="FTL"/> <input type="text" value="Freightliner LLC"/></td></tr> <tr><td>Parent</td><td><input type="text"/></td></tr> <tr><td>Component</td><td><input type="text"/></td></tr> <tr><td>Position</td><td><input type="text"/></td></tr> <tr><td>Usage</td><td><input type="text"/></td></tr> <tr><td>Priority</td><td><input type="text"/></td></tr> </table>	Year	<input type="text" value="2004"/>	Manufacturer	<input type="text" value="FTL"/> <input type="text" value="Freightliner LLC"/>	Model	<input type="text" value="FLD13264"/>	Serial #	<input type="text" value="1FUYYCYB3TP779071"/>	Type	<input type="text" value="CLASS8"/>	Vendor	<input type="text" value="FTL"/> <input type="text" value="Freightliner LLC"/>	Parent	<input type="text"/>	Component	<input type="text"/>	Position	<input type="text"/>	Usage	<input type="text"/>	Priority	<input type="text"/>	<table style="width: 100%; border-collapse: collapse;"> <tr><td>Purchase Price *</td><td><input type="text" value="128,963.00"/></td></tr> <tr><td>Replacement Cost *</td><td><input type="text" value="0.00"/></td></tr> <tr><td>Current Value</td><td><input type="text" value="66,585.20"/></td></tr> <tr><td>Installation Date</td><td><input type="text" value="9/24/04"/></td></tr> <tr><td>Asset Condition</td><td><input type="text" value="GOOD"/></td></tr> <tr><td>Repair Limit (%)</td><td><input type="text" value="5"/></td></tr> <tr><td>Repair Limit Amount</td><td><input type="text" value="3,329.26"/></td></tr> <tr><td>YTD Cost</td><td><input type="text" value="0.00"/></td></tr> <tr><td>Total Cost</td><td><input type="text" value="0.00"/></td></tr> <tr><td>Inventory Cost</td><td><input type="text" value="0.00"/></td></tr> <tr><td>Budgeted Cost *</td><td><input type="text" value="0.00"/></td></tr> <tr><td>Moved?</td><td><input type="checkbox"/></td></tr> </table>	Purchase Price *	<input type="text" value="128,963.00"/>	Replacement Cost *	<input type="text" value="0.00"/>	Current Value	<input type="text" value="66,585.20"/>	Installation Date	<input type="text" value="9/24/04"/>	Asset Condition	<input type="text" value="GOOD"/>	Repair Limit (%)	<input type="text" value="5"/>	Repair Limit Amount	<input type="text" value="3,329.26"/>	YTD Cost	<input type="text" value="0.00"/>	Total Cost	<input type="text" value="0.00"/>	Inventory Cost	<input type="text" value="0.00"/>	Budgeted Cost *	<input type="text" value="0.00"/>	Moved?	<input type="checkbox"/>
Year	<input type="text" value="2004"/>																																														
Manufacturer	<input type="text" value="FTL"/> <input type="text" value="Freightliner LLC"/>																																														
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Total Cost	<input type="text" value="0.00"/>																																														
Inventory Cost	<input type="text" value="0.00"/>																																														
Budgeted Cost *	<input type="text" value="0.00"/>																																														
Moved?	<input type="checkbox"/>																																														

Aliases | Disposal Details | Downtime | Item Details | Motor Pool | Owners and Operators

Disposal Details

Sale Date	<input type="text"/>
Sold To	<input type="text"/>
Sale Amount	<input type="text"/>
Sale Memo	<input type="text"/>

50

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Repair Orders

- Purchase outsourced or sublet repairs
- Full invoice processing from the work order

Task	Type of Service	Service Description	Vendor	Quantity	Unit Cost	Warranty?
10	SERVICE	Radiator recore	FORD	1.00	380.00	N

Details

<p>Task: 10</p> <p>Type of Service*: SERVICE</p> <p>Service Description*: Radiator recore</p> <p>Vendor*: FORD Ford Motor Company</p> <p>Quantity*: 1.00</p> <p>Unit Cost*: 380.00</p> <p>Line Cost: 380.00</p> <p>Component: 042-002-001 CORE AND TANK ASSEMBLY - RADIATOR</p> <p>Position:</p> <p>Reason for Repair: 01 Breakdown</p> <p>Work Accomplished: 08 Overhaul</p> <p>Part Failure: 18 Leaking</p>	<p>Warranty?: N</p> <p>Warranty for Repair:</p> <p>Value of Warranty Repair:</p> <p>Repair Order Date*: 1/4/07</p> <p>Complete?: <input checked="" type="checkbox"/></p> <p>Invoice:</p> <p>Invoice Line Number:</p> <p>Invoice Status:</p> <p>Vendor Invoice: S34565</p> <p>Debit Account*: 6200-200-200</p> <p>Credit Account*: 6200-200-200</p>
--	--

[New Row](#)

Warranty Claims

- Will be discussed as part of 5.2 Release 1

Feature Deep Dive

- 5.2 Release 1

Warranty Management

- OEM and Extended Asset Warranties
 - Bumper-to-Bumper Coverage
 - Component Coverage
 - Coverage for child assets
- Item Warranties
 - Specific Items
 - Generic Items
- Advanced Notification of Warranty Expiration
- Configurable Warranty Situation Notifications
- Warranty Claim Processing
 - Reimbursement processing for replacement items or cash

Warranty Management

Asset Warranty Contracts (Tr)

Go To | Reports | Start Center | Profile | Sign Out | Help

Find: [] Select Action [] Reports []

List | Contract | Properties | Coverage | **Associated Assets** | Terms and Conditions

Contract: 2005FTL | 2005 FTL Classic XL Warranty | Organization: EAGLENA | Status: APPR

Show Assets moved from Contract's Org?

Assets | Filter | 1 - 5 of 5

Asset	Asset Description	Year	Manufacturer	Model	Location	Organization
X1001D	Highway Tractor,Class 8 Truck	2006	FTL	FLD13264	NEEDHAM	EAGLENA
X1002D	Highway Tractor,Class 8 Truck	2006	FTL	FLD13264	NEEDHAM	EAGLENA
X1003D	Highway Tractor,Class 8 Truck	2006	FTL	FLD13264	NEEDHAM	EAGLENA
X1004D	Highway Tractor,Class 8 Truck	2006	FTL	FLD13264	NEEDHAM	EAGLENA
X1005D	Highway Tractor,Class 8 Truck	2006	FTL	FLD13264	NEEDHAM	EAGLENA

Select Assets | New Row

Coverage for Asset X1001D | Filter | 1 - 1 of 1

Line	Description	Full Coverage?	Component	Covers Children?	Start Date	End Date
1	Bumper-to-Bumper	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	12/11/06	12/11/08

Coverage

Line: 1

Full Coverage?

Component: []

Covers Children?

Covers Child Component Codes?

Duration

Start Date: 12/11/06

End Date: 12/11/08

Goodwill End Date: 1/11/09

Days Remaining: 708

Expiration Notification

Notification Date: 11/4/08

Notification Job Plan: []

Notification Work Order: []

Coverage Percent

Labor: 80.00

Materials: 100.00

Service: 90.00

Meters for Asset X1001D | Filter | 1 - 1 of 1

Meter	Unit of Measure	Start Reading	End Reading	Goodwill End Meter	Life to Date for Asset	Meter Remaining	Notification Meter Reading
ODOM-M	MILES	0.00	200,000.00	205,000.00	0.00	200,000	190,000.00

Warranty Management

View Warranty Coverage

Filter > 1 - 2 of 2 > Download ?

Contract	Description	Coverage Line	Description	Contract Type	Full Coverage?
2004FTL	2004 FTL Classic XL Warranty	1	Bumper-to-Bumper	ASSETWARRANTY	<input checked="" type="checkbox"/>
2004FTL	Fuller Transmission Warranty	1	Extended Transmission Coverage	ASSETWARRANTY	<input type="checkbox"/>

Close Details

Details

Contract	2004FTL	2004 FTL Classic XL Warranty	Contract Type	ASSETWARRA
Coverage Line	1	Bumper-to-Bumper	Full Coverage?	<input checked="" type="checkbox"/>
Covered Asset	61001	2004 Freightliner FLD13264T-Classic XL		
Covered Component				
Covered Item				
Condition Code				
Vendor	FTL	Freightliner LLC		

MAXIMO

Possible warranty situations exist.

OK

Warranty Management

Warranty Claims (Tr) Go To | Reports | Start Center | Profile | Sign Out | Help

Find: Select Action Reports

List Claim Claim Lines

Claim Generated Warranty Claim for Asset 61001 Site Status Attachments

Details

Asset	<input type="text" value="61001"/>	<input type="text" value="2004 Freightliner FLD13264T-Classic XL"/>	Component	<input type="text"/>
Work Order	<input type="text" value="1149"/>	<input type="text"/>	Reason for Repair	<input type="text"/>
Item	<input type="text"/>	<input type="text"/>	Work Accomplished	<input type="text"/>
Condition Code	<input type="text"/>	<input type="text"/>	Part Failure	<input type="text"/>
Contract	<input type="text" value="2004FTL"/>	<input type="text" value="2004 FTL Classic XL Warranty"/>	Position	<input type="text"/>
Contract Type	<input type="text" value="ASSETWARRA"/>		GL Account	<input type="text"/>
Claim By	<input type="text" value="WILSON"/>			

Asset Details Dates

Year	<input type="text" value="2004"/>	Model	<input type="text" value="FLD13264"/>	Claim Date	<input type="text" value="12/11/06"/>
Manufacturer	<input type="text" value="FTL"/>	Installation Date	<input type="text" value="9/24/04"/>	Status Date	<input type="text" value="12/11/06 1:01 PM"/>
Serial #	<input type="text" value="1FUZYCYB3TP779071"/>			Incident Date	<input type="text" value="12/11/06 12:59 PM"/>

Vendor Recovery

Vendor	<input type="text" value="FTL"/>	<input type="text" value="Freightliner LLC"/>	Cost Amount	<input type="text" value="44.00"/>
Address	<input type="text" value="4747 Channel Ave."/>		Claimed Amount	<input type="text" value="35.20"/>
City	<input type="text" value="Portland"/>		Recovered Amount	<input type="text" value="35.20"/>
State/Province	<input type="text" value="Oregon"/>		Failed Quantity	<input type="text" value="0.00"/>
ZIP/Postal Code	<input type="text" value="97217"/>		Claimed Quantity	<input type="text" value="0.00"/>
Contact	<input type="text"/>		Recovered Quantity	<input type="text" value="0.00"/>
Phone	<input type="text" value="503-745-8000"/>		Invoice	<input type="text" value="1053"/>
			PO	<input type="text"/>
			Return to Storeroom	<input type="text"/>

Current Meter Readings Filter 1 - 3 of 3 Download ?

Meter	Reading	Life to Date	Unit of Measure	Reading Date
FUEL-G	5,008.00	5,008.00	GALS	9/24/05 8:47 PM
ODOM-M	50,135.00	50,135.00	MILES	9/26/05 4:02 PM
RUNHOURS	2,632.00	2,632.00	HOURS	9/26/05 12:46 PM

Inventory Counting

- Inventory counts as an entity
- Plan, perform, and analyze counts
- Provides statistics on accuracy
- Provides summaries of financial implications

Inventory Counting (Tr) Go To | Int-Reports | Start Center | Profile | Sign Out | ? Help

Find: Select Action Reports

List **Count Book** Count Book Lines

Count Book: 1003	Annual Count	Status: WAPPR	Site: BEDFORD
Storeroom*: CENTRAL	Central Storeroom	Status Date: 1/4/07 10:38 AM	Attachments
Reason: AUDIT	Audit Counting	Changed By: WILSON	GL Credit Account*: 6600-800-800
Memo: Annual Count			GL Debit Account*: 6600-810-800

Item Selection	Item Summary
Selection Criterion: ALL	Selected: 112
	Counted: 0
	Matched: 0
	Reconciled: 0
	Accuracy %: 0.00
	Total Non Serial \$: 0.00
	Total Adjustments \$: 0.00
	Adjustment %: 0.00

Select Items Download | ? | [icon]

Selection Criterion	Selection Items	Selection ICG	Count Date
ALL	<input type="text"/>	<input type="text"/>	<input type="text"/>

[New Row](#)

Campaign Management

- Manage manufacturer recalls
- Manage internal engineering orders
- Manage In-Service/In-Fleeting work orders

The screenshot displays the Maximo Campaigns (Tr) interface. At the top, there is a navigation bar with options like 'Go To', 'Reports', 'Start Center', 'Profile', 'Sign Out', and 'Help'. Below this is a search bar with a 'Find:' field and a 'Select Action' dropdown. The main content area is divided into several sections:

- Summary Section:** Shows Campaign ID '1167', Recall type, Site 'BEDFORD', and Status 'APPR'. There is a 'Locked?' checkbox.
- Status Summary Table:** A table showing the distribution of work orders by status.

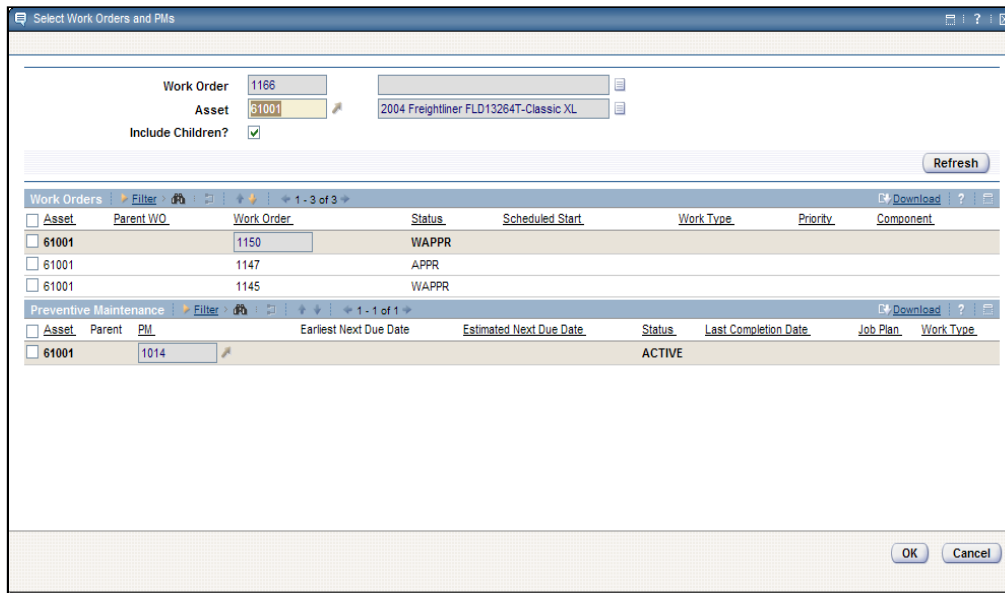
Work Order Status	Number of Work Orders	Percentage of Total
WAPPR	2	40.00%
INPRG	2	40.00%
APPR	1	20.00%
- Work Package Table:** A detailed table listing assets and their associated work orders.

Asset	Location	Job Plan	PM	Work Order	Status
61001		JP11220		1168	WAPPR
61002		JP11220		1169	APPR
61003		JP11220		1170	INPRG
61004		JP11220		1171	INPRG
61005		JP11220		1172	WAPPR

At the bottom right of the interface, there are buttons for 'Select Asset List' and 'New Row'.

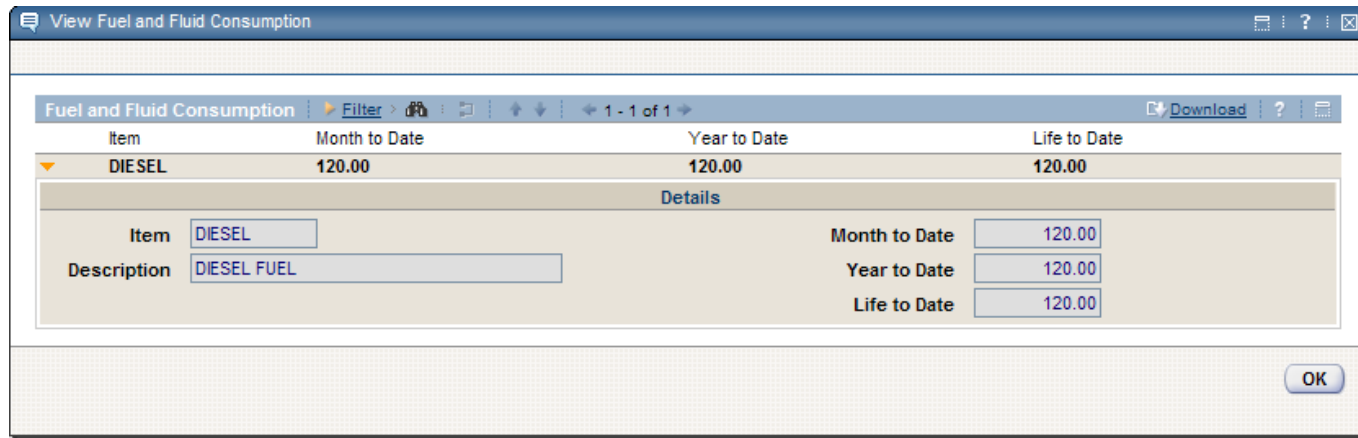
Maintenance Alerts

- Automatic notification of:
 - Outstanding work
 - Deferred work
 - Due or Near PMs
- Selections made are added to current work order



Fuel and Fluid Management

- Fuel Island Functionality
 - Fuel and fluid issues application
 - Stick/Fuel Tank readings
- Link fuel issues to meter readings
- View accumulated fuel and fluid consumptions



Extended Meter Management

- Importing Meter Readings
- Meter Change-outs
- Linking Fuel Transactions to Meter Readings
- Add Enter Meter Readings to Asset Detail Menu

Perform Meter Change Out

Asset: 61001 2004 Freightliner FLD13264T-Classic XL

Meter*:

Meter Serial Number:

Replaced Meter	New Meter
Final Reading: <input type="text"/>	Initial Reading: <input type="text"/>
Final Reading Date: 1/4/07 9:20 AM	Initial Reading Date: 1/4/07 9:20 AM
Delta: 0.00	Serial Number: <input type="text"/>
Life to Date: <input type="text"/>	Delta: 0.00
	Life to Date: <input type="text"/>

OK Cancel

Import Meter Readings

Ignore Warnings?

Run Import Process in Background?

Total Readings:

Readings with Errors:

Readings Imported:

Readings with Warnings:

Import Close

Driver's Logs

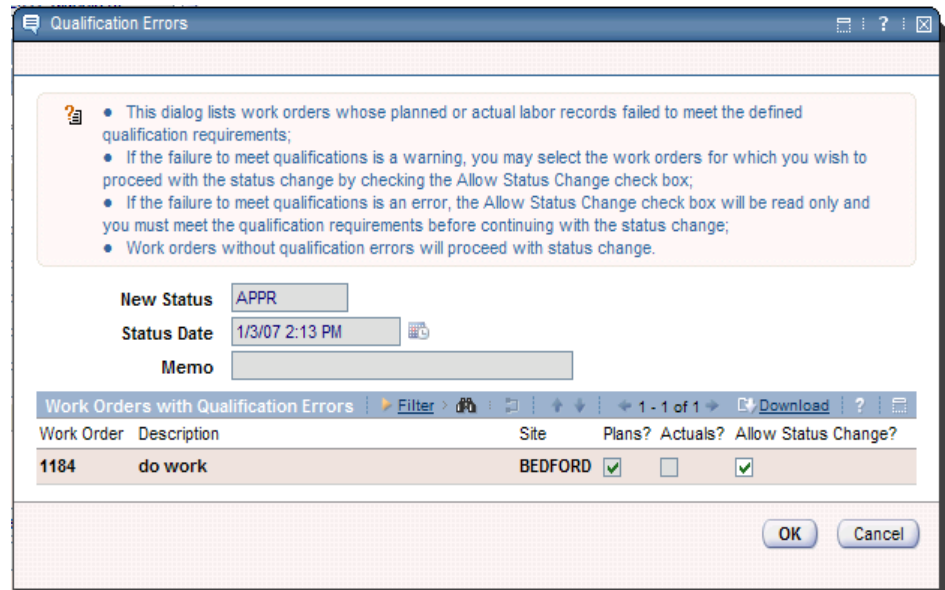
- Record Vehicle Utilization
- Report Problems Encountered During Trips
- Enter Meter Readings

The screenshot displays the Maximo 'Logs (Tr)' application interface. At the top, there is a navigation bar with 'Go To', 'My Reports', 'Start Center', 'Profile', and 'Sign Out' options. Below this, a search bar and 'Select Action' dropdown are visible. The main content area is divided into several sections:

- Log Summary:** Shows Log ID 1002, Asset 01001 (2004 Freightliner FLD13284T-Classical XL), and Site BEDFORD.
- Trip Details Table:** A table with columns: Trip Number, Point of Origin, Destination, Start Date, Start Time, Utilization, Fuel Quantity, and Driver. The first row shows Trip 1342 from NORTH POLE to NORTH POLE, starting on 12/25/06 at 12:01 AM, with OFFROAD utilization and driver SANTA.
- Details Form:** A form for Trip 1342 with fields for Point of Origin (NORTH POLE), Destination (NORTH POLE), Start Date (12/25/06), Start Time (12:01 AM), End Date (12/25/06), End Time (12:01 AM), Driver (SANTA), Qualifications (DLCLASS1), and Qualification Met? (NONE). A Comments field contains 'Scheduled Present Delivery'.
- Consumption Section:** Includes fields for Utilization (OFFROAD), Fuel Quantity, Meter Units, Trip Measure, and Trip Units.
- Log Problems Table:** A table with columns: Trip Number, Component Code, Description, Driver, Mechanic Recommendation, Work Order?, and Work Order. The first row shows Trip 1342, Component Code 001, Description 'AIR CONDITIONING, HEATING & VENTILATING', Driver SANTA, and Work Order 1185.
- Driver's Report Form:** A form for Trip 1342 with fields for Driver (SANTA), Component Code (001), Description (AIR CONDITIONING, HEATING & VENTILATING), and Comments (need more heat!).
- Mechanic's Report Form:** A form with fields for Problem (07), Description (Improper Fluid Level), Mechanic Recommendation, and Mechanic Comments (drink more run and eggnog).
- Associated Work Order Section:** Shows Work Order? checked, Work Order 1185, Status IWAPRR, and Status Date 1/3/07 2:31 PM.

Qualification Evaluations

- Define qualification requirements for:
 - Work orders
 - Assets
- Evaluation of qualification requirements on:
 - Work orders
 - Tool Issues
 - Driver's Logs
 - Vehicle Scheduling
- Configurable Alerts



Maintenance Coding Structures

- Supports commonly used industry codes:
 - VMRS (Fleet)
 - ATA (Aviation)
 - AAR (Rail)
 - Etc.
- Also accommodates “homegrown” codes
- Used to identify the what, why, how, where
- Used to define where an item is used
- Used for identifying component or extended warranty
- Available everywhere.

Maintenance Coding Structures

Tasks Filter 1 - 2 of 2

Sequence	Task	Summary	Component	Reason for Repair	Warranty?	Qualifications	Status
10	1				N	CPR	WAPPR
20	2		013-001-001	01		CPR	WAPPR

Task Information

Task * 20 2

Component 013-001-001 PLATE - FRONT BRAKE, BACKING

Position TSA11 Traffic Side - Axle 1 - Inner

Reason for Repair 01 Breakdown

Work Accomplished 05 Replace Used

Part Failure 01 Battered, Hammered

Warranty?

Estimated Duration * 0:00

Sequence

Inherit Status Changes?

Accepts Charges?

Work Reference Information

Reference WO T1032

Status WAPPR

Asset 61001 2004 Freightliner FLD13264T-Classic XL

Location FLTGAR Fleet Garage

Service Group

Service

Qualifications

Qualifications CPR

Met on Actual Labor? NONE

Met on Assignments? NONE

Planned Labor? NONE

Component Codes

- 000: CAB, CLIMATECONTROL, INSTRUMENTATION, & AERODYNAMIC DEVICES
- 010: CHASSIS GROUP
 - 011: AXLES - NON-DRIVEN, FRONT
 - 012: AXLES - NON-DRIVEN, REAR
 - 013: BRAKES
 - 014: FRAME
 - 015: STEERING
 - 018: SUSPENSION
 - 017: TIRES, TUBES, LINERS & VALVES
 - 018: WHEELS, RIMS, HUBS & BEARINGS
 - 019: AUTOMATIC/MANUAL CHASSIS LUBRICATOR
- 020: DRIVE TRAIN GROUP
- 030: ELECTRICAL GROUP
- 040: ENGINE / MOTOR SYSTEMS
- 050: ACCESSORIES GROUP
- 060: SPECIAL APPLICATIONS GROUP
- 070: BODIES AND VESSELS GROUP
- 080: HEATING AND REFRIGERATION GROUP

Cancel

Reports

- Asset Depreciation Details
- Asset Meter Change List
- Asset Meter Detail
- Asset Meter List
- Asset Status List
- Asset Utilization Detail
- Asset Utilization Summary
- Asset Value and Condition
- Asset Warranty Contract Details
- Asset Warranty Contract List
- Asset Warranty Coverage Summary
- Asset's Items Under Warranty
- Asset's Status History
- Cost By Asset Type
- Cost Per Unit
- Count Book Summary
- Count Book Detail
- Driver Utilization
- Issues and Returns Transactions
- Item Query
- Item Warranty Contract Details
- Item Warranty Contract List
- Meter Import Summary
- Motor Pool Billing
- Repair Limit Exceeded
- Repair Orders Costs
- Stick Reading
- Unclaimed Warrantable Transactions
- Warranty Claim Details
- Warranty Vendor Performance

Questions?



Thank You!

