



# Maximo Asset Management Product Update

Dave Gasdia  
WW Leader Maximo Product Design

**PCTY2011** 

Pulse Comes to You

**Optimising the World's Infrastructure**

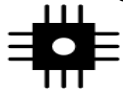
# Please note:

- IBM's statements regarding its plans, directions, and intent are subject to change or withdrawal at IBM's sole discretion. Information regarding potential future products is intended to outline our general product direction and it should not be relied on in making a purchasing decision.
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# Maximo - Asset Management for a Smarter Planet



A smaller, flatter, faster and  
“smarter” planet



**INSTRUMENTED**



**INTERCONNECTED**



**INTELLIGENT**

Transportation  
Assets



Facilities



Production  
Equipment



IT Hardware  
& Software



Communications  
infrastructure



**THE CHALLENGE:** *more complexity in assets and processes, more capabilities required, more reliance on management systems*

**THE OPPORTUNITY:** *More insight and collaboration, more efficiency, growth and profit, more innovation*



## Maximo's role in a Smarter Planet:

- The IBM system to manage intelligent assets
- Leveraging asset intelligence to maximize their business value
- Reducing the cost of managing and operating intelligent assets

## How Maximo does this:

- Visibility, control, and automation across IT and operational infrastructure
- Optimized operational and IT processes to achieve more with less
- Managing both the asset and the service to deliver customer value

# Development Principle: Drive Higher Customer Value

## Objectives

- [Enhance Maximo](#) best-in-class capabilities and solutions
- [Drive innovation](#) with input from customer groups, advisory councils and business partners
- Continue to produce [High Quality](#) products; leverage customer input during every step of the development cycle
- [Protect customer investment](#); upgrades to future Maximo versions
- Commit to [Open Standards](#): J2EE, SOA
  - both IBM and non-IBM platform components

# Maximo Development Focus

- Continue to [Enhance Version 7](#) core capabilities, architecture, platform and technology
- [Incremental Features](#) and Value-add capabilities to extend Version 7
- Expand deep [Industry Solution](#) functionality and new Growth areas such as:
  - Intelligent Buildings
  - Safety, Risk and Compliance
  - Facilities Management/Space Planning
- [Leverage IBM products](#) and technology

# 2010 Roadmap Highlights

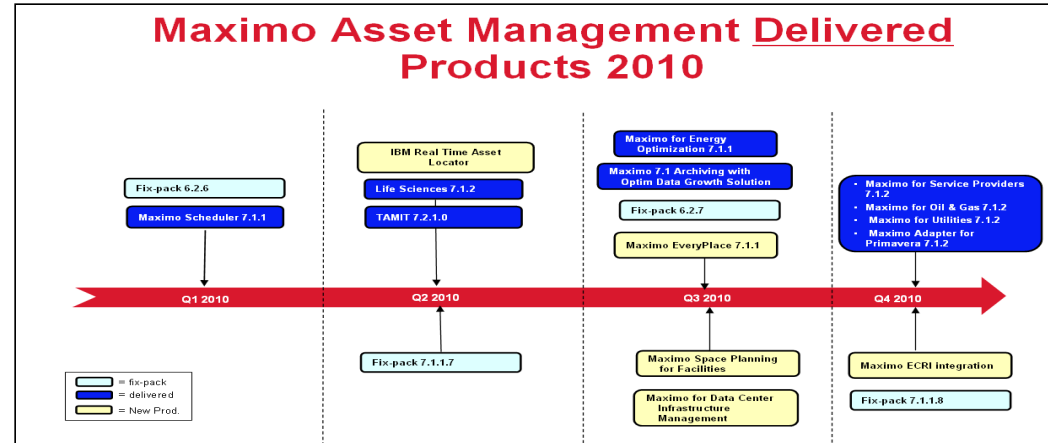
*We had a very busy year.....*

- **9 Product Releases**

- Improvements to 4 add ons
  - Scheduler
  - Archiving
  - Everyplace
  - Primavera Adapter
- Improvements to 5 Industry Solutions
  - Service Provider
  - Internal Service Provider
  - Oil and Gas
  - Utilities
  - Life Sciences

- **4 new products released**

- Maximo for Space Planning
- Maximo for Data Center Infrastructure Management
- Maximo Real Time Asset Locator
- Maximo Everyplace



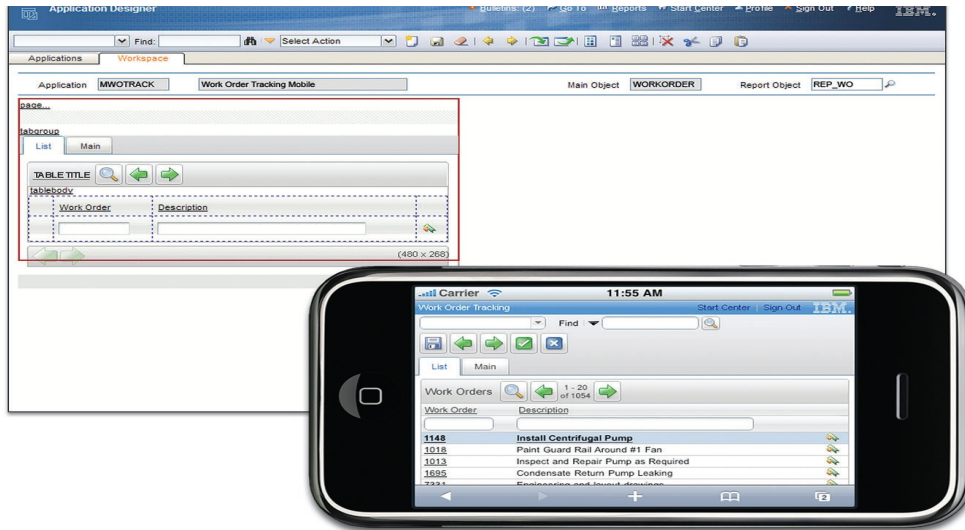
- **New Maximo Content added and available for download**

–Maximo ECRI integration for Healthcare

Note: Other content for download includes, Maximo FileNet integration and Maximo ITM for monitoring

# IBM Maximo Everyplace

Allows users to access any existing IBM Maximo application on an iPhone, iPad, iPod touch, Android or other supported device without installing anything on those devices



## Maximo Everyplace enables users to:

- Shorten the lag time between an event's occurrence and the recording of that event in the system. There's no need to wait until they get back to their desk to enter or retrieve data.
- Increase accuracy of data in the system by allowing them to enter information while it's fresh in their minds.
- Offer convenient, targeted access to Maximo for workers who don't regularly sit at a desk or use a desktop computer.

# Product Portfolio – 2011

Core Solutions

- Maximo Asset Management
- Maximo Asset Mgmt Essentials
- Maximo for Energy Optimization
- Maximo Data Center Infrastructure Mgmt
- Intelligent Building Management

Industry Solutions

- Utilities
- Transportation
- Life Sciences
- Government
- Nuclear Power
- Oil & Gas

Add-On Solutions

- Service Provider
- Calibration
- MX Mobile Asset Mgr
- SAP ERP Adapter
- Safety Risk & Compliance
- Archiving
- Asset Configuration Manager
- MX Mobile Inventory Mgr
- Oracle ERP Adapter
- Spatial
- Change & Corrective Action Mgr
- MX Mobile Work Mgr
- Primavera Adapter
- Scheduler
- Linear Assets
- Everyplace
- MS Project Adapter
- Internal Service Provider
- SMART Mobile Work Mgr
- SMART Mobile Inventory Mgr
- SMART Mobile Auditor
- Real Time Asset Locator

Specific content is subject to change.



April 26, 2011




# IBM Announces Acquisition of TRIRIGA, INC.

Let's Build a Smarter Planet:  
Smarter Buildings from the Earth Up



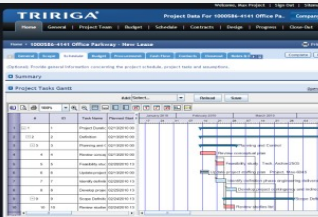
# TRIRIGA is a leading provider of software solutions for Integrated Workplace Management Systems (IWMS)

### TRIRIGA Real Estate



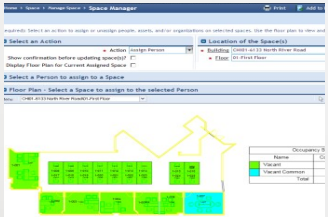
- Portfolio Planning
- Site Selection
- Transaction Management
- Lease Administration
- Lease Accounting
- AR Tenant Tracking
- Payment Processing
- Client Requests

### TRIRIGA Projects



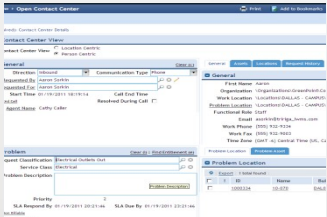
- Program Management
- Fund Management
- Scope Management
- Cost Management
- Schedule Management
- Resource Management
- Quality Management
- Vendor Engagement

### TRIRIGA Facilities



- Space Management
- Space Chargeback
- Space Requests
- Strategic Planning
- Move Management
- Reservation Management
- Personnel Provisioning
- CAD Management

### TRIRIGA Operations



- Contact Center
- Service Management
- Warranty Management
- Preventive Maintenance
- Facility Assessment
- Security/Key Management
- Capital Planning

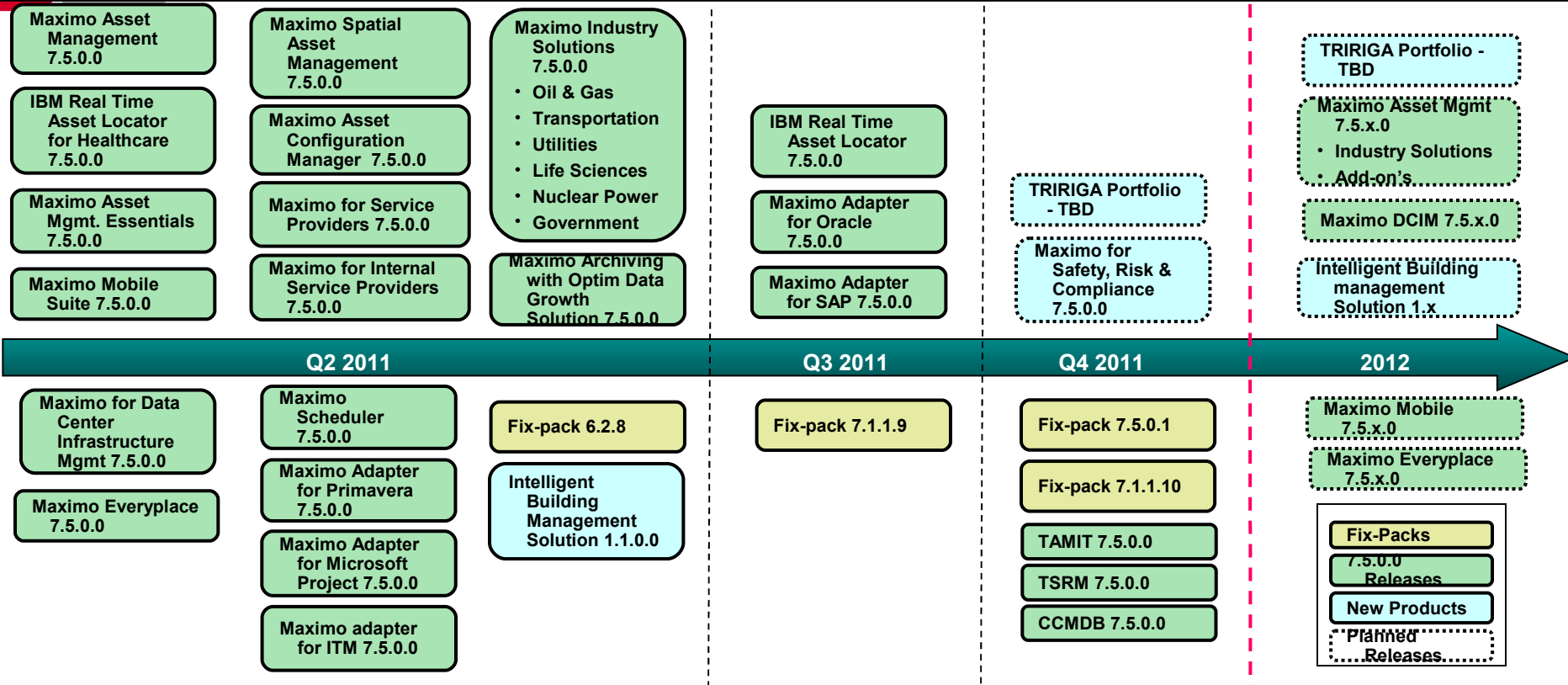
### TRIRIGA Environmental



- CO2 Emission Tracking
- Utility Tracking
- Waste Disposal
- Water Consumption
- Green Opportunities Tracking
- LEED/BREEM Certification
- Energy Star Integration

TRIRIGA Core Components	Geographies	People	Receiving	Customer Self Service	Reporting
	Locations	Specifications	Invoicing	News	WPM Metrics
	Organizations	Assets	Requests	Graphics	GIS Mapping
	Vendors	Contracts	Tasks	Document Management	GANTT Schedules

# 2011 Asset Management Product Roadmap



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# What's Next?.....

## Maximo 7.5 !

**Tivoli.** software IBM.

Welcome to Maximo



User Name:

Password:

[Mobile Login](#)  
[Forgot Password?](#)  
[New User? Register Now](#)

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Released on April 29, 2011

# Maximo 7.5 – 3 Major Areas of Focus

## 1. New & Enhanced Supply Chain Management

- PO/PR/RFQ/Invoicing
- Inventory/Receiving

- Expanded Capabilities
- Customer Driven Requirements
  - Satisfy Functional gaps
  - Improved Usability/Maintainability
  - Address Integration/ERP

## 2. Return on Investment

- Automation Scripts
- Application data Import/Export
- Enhanced Migration Manager
- Usability & Performance

- Additional Configuration
- Lower Cost of Implementation
- Lower Cost of Ownership
  - Easier to configure & support

## 3. Continued Leadership and Innovation in EAM

- Enhanced Work & Asset Management
- Linear Asset Visual Control

- Deep Vertical Functionality
- Improved End-User interaction

# Maximo 7.5– Expanded Footprint

Asset Management	Work Management	Materials Management	Purchasing	Contract Management	Service Management
Locations • <b>Repair Facilities</b> Asset <b>Asset Templates</b> Failure Codes Linear Assets • <b>Visual Control</b> Condition Monitoring Meters Meter Groups	Job Plans • <b>Revisioning</b> Work Order Tracking • <b>Assignment Tab</b> • <b>Hard/Soft Reservations</b> • <b>Repair Facilities</b> Safety Quick Reporting Labor/Crafts Tools Preventive Maintenance • <b>PM Forecasting</b> Master PM Assignment Manager	Item Master Storerooms Inventory • <b>Inventory Usage</b> • <b>LIFO/FIFO Costing</b> • <b>Consignment</b> • <b>Transfer via Shipment</b> • <b>Default Costing</b> Condition Codes Stocked Tools Service Items	<b>Request for Quotation</b> Receiving Receiving Inspections <b>Shipment Receiving</b> Purchase Requisitions • <b>Invoices</b> • <b>Invoice Reversals</b> Purchase Orders • <b>Revisioning</b> • <b>Receipt Tolerance</b> Desktop Requisitions	Purchase Contracts Master Contracts Warranty Contracts Lease/Rental Contracts Labor Rate Contracts • <b>Premium Pay Rates</b> Payment Schedules	<b>Service Groups</b> <b>SLA Management</b> Change Management • <b>Incidents</b> • <b>Problems</b> • <b>Changes</b> • <b>Releases</b> • <b>Solutions</b>

**Enhanced Workflow – Event Driven, Context-based / Escalation Manager**

**KPIs / Reporting/ Ad-hoc Reporting / Cognos Integration**

**Security/Administration/Configuration – Automation Scripts, Migration Manager**

**Integration/Web Services – Import & Export direct from applications**

# Maximo 7.5 Beta program

- Maximo 7.5 Beta testing – started on 12/14/2010
  - Hosted in a cloud by the beta team in India
  - Currently 15 client companies & business partners
  - Global coverage with cross-industry representation
    - North America, Asia, Middle East & Europe
    - Southern Company, Duke, KNPC, Hong Kong Jockey Club, Bluewater, others
  - 44 individuals as registered testers, additional companies/testers added weekly
  - Excellent participation, customers actually testing
    - Over 50 unique postings of feedback, questions, comments, bugs
    - Focus on Supply Chain, but also hitting Work Management applications



# Maximo 7.5 Beta program – Participant Quotes

- *“Happy to see Supply Chain getting new functionality”.*
- *“Could see good amount of improvements, administration point of view, saves time/increases accuracy in migrations and reduces number of outages for smaller changes.”*
- *“The Beta 7.5 was a great reference which desperately helped with insight into updates. For the majority I was pleased with the site. Maximo 7.5 incorporates major changes which allow more flexibility and less customization. “*
- *“Greatly Improved on the SCM side. Can see where the foundation is being laid for next generation Maximo to be a complete Supply Chain and Work Management Solution.”*
- *“Some new features added on SCM that make it competitive to other ERP packages like SAP” .*
- *“The Beta of Maximo 7.5 is impressive and superb! The new design, the speed and the quality are incredible. Happy to see that some changes requested from us are now in the core product.”*
- *“Upgrading to Maximo 7.5 will require the least change management compared to any other Maximo upgrades we have applied.”*
- *“The Modules in Maximo I've tested have been working perfect so far. No Errors encountered.”*
- *“Better user interface. Better performance. Additional applications available.”*





# Maximo 7.5 Highlights

**PCTY2011**



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# Maximo 7.5 Technical Platform

Developed on current R7.1 Architecture:

- **J2EE based Enterprise Application**
  - Web Application Interface for users to access Maximo applications via Browser
  - Fully configurable from presentation content to the business logic
  - Configurable Authentication (Database based or LDAP based)
  - Integration mechanisms via Web Services, JMS, HTTP, EJB, XML files, Flat files and Interface tables in database
  - Built-in reporting using BIRT/Cognos/TCR and support for integration with customer's reporting systems
- **Supported Application Servers**
  - IBM WebSphere Server
  - Oracle WebLogic Server
- **Supported Database Platforms**
  - DB2
  - Oracle

# Maximo 7.5 Planned Platform Updates

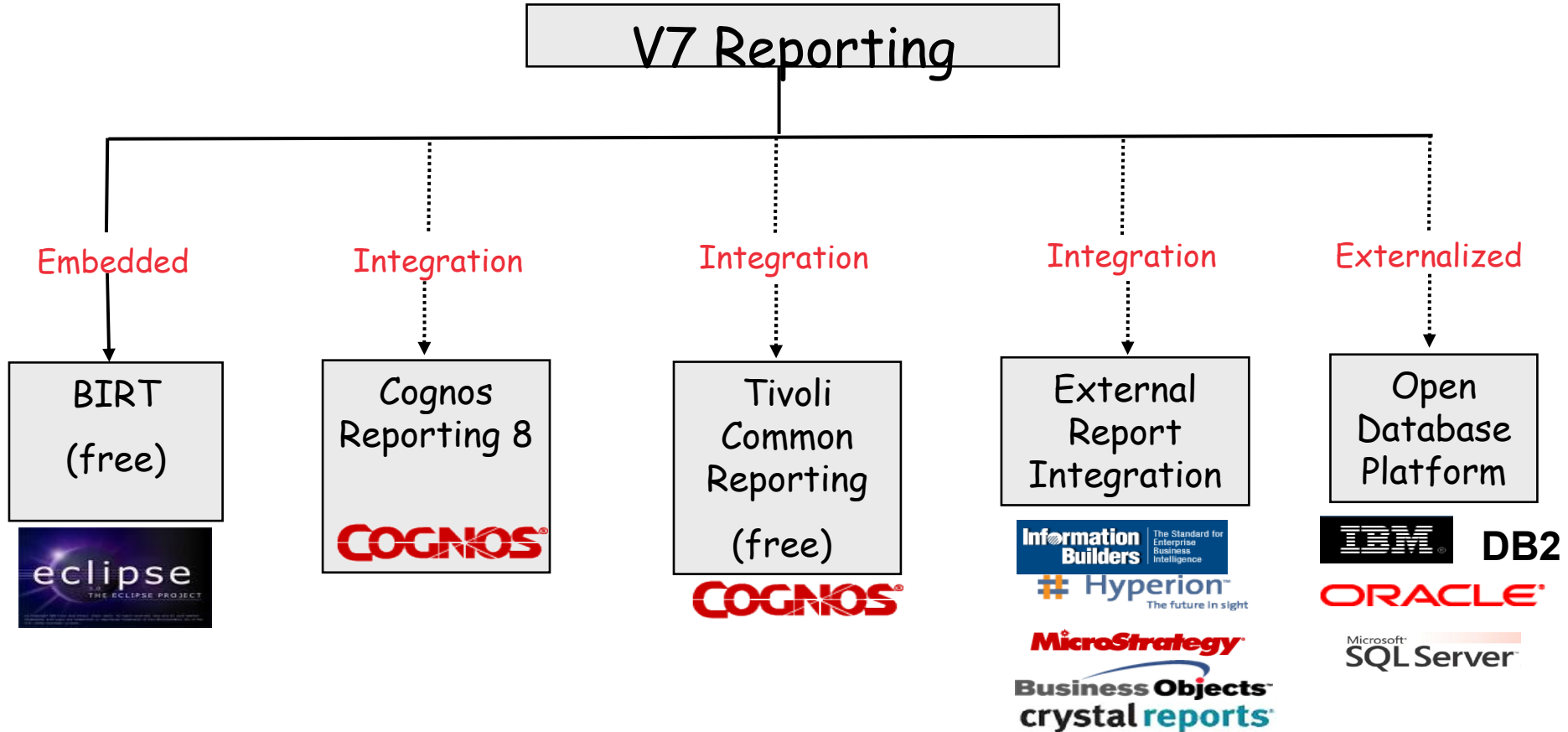
## Updated:

- Operating Systems
  - AIX 7.1
  - RHEL 6
- Database
  - DB2 9.7
  - DB2 9.8
- Application Servers
  - Websphere Server 7
  - Weblogic Server 10.3
- LDAP
  - Tivoli Directory Server 6.3
  - Windows Server AD 2008 R2

## Deprecated:

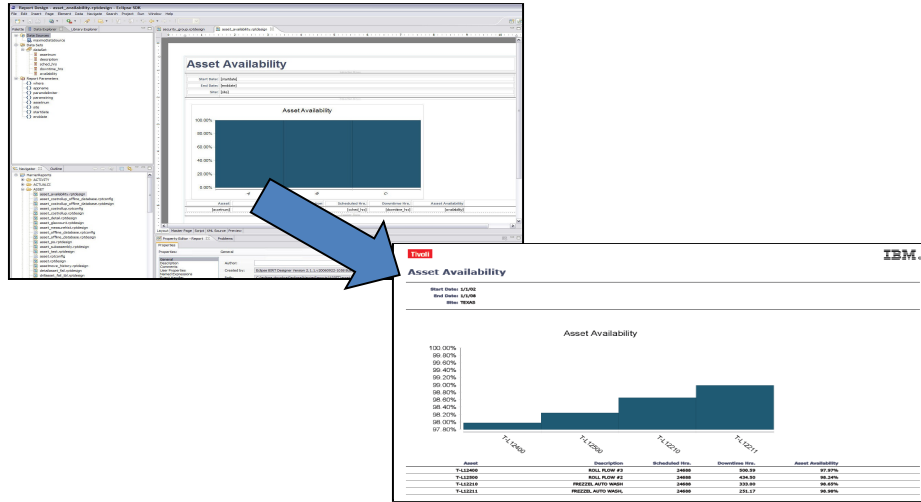
- Operating Systems
  - AIX 5.3
  - RHEL 3
  - RHEL 4
  - SLES 9
  - All Linux 32 bits flavors
- Database
  - DB2 8.2
  - DB2 9.1
- Application Servers
  - WebSphere 6.1

# Maximo Open Report Architecture

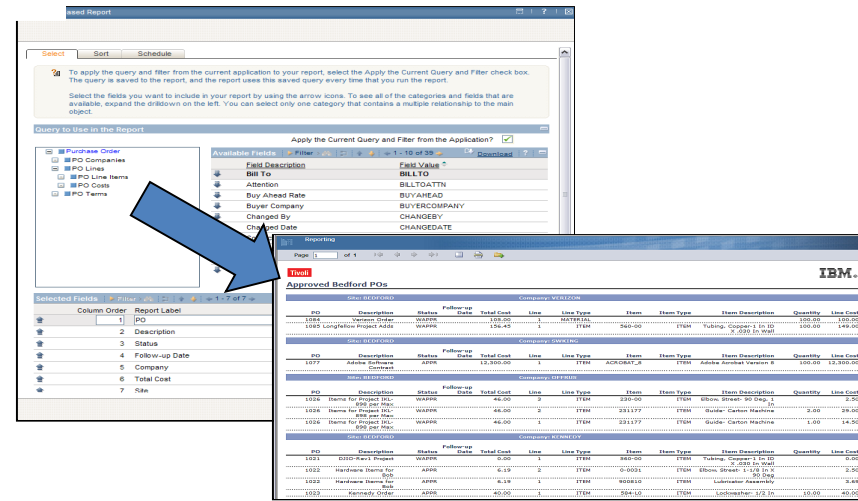


# Types of Core BIRT Reports Available

Enterprise, Formatted Reports  
for *Heavy, Multi-User* Access



Ad Hoc, Dynamic Reports  
for *Individual Use*



Created in BIRT Report Designer  
Requires Database/Java Skills  
Fixed Content/Format

Created on Fly  
No Database/Java Skills Needed  
Variable Content/Format  
Leads to Tremendous Time + Cost Savings!

# Maximo 7.5 Reporting Enhancements

- Give the User the ability to copy an Ad Hoc Report and Edit it (add/delete fields) as needed
- Implement Report Schedule Limits by Security Group
- Direct Print with Attachments property added in V6. Equivalent Property value added for BIRT in V7.
- Enable localization of Report Object Structures (ROS) Values - Cognos Packages – as seen to the end user within Report Studio or Query Studio
- Enable report emails to be sent via links instead of pdf, xls attachments (new Report Viewer application)
- Report Schedule Limits Report Administration Report
- Enable Rich Text Formats to display in BIRT Reports
- Enable direct launch to Cognos from applications
- Additions/Deletions of Report Design files to provide continued value-add for clients (updated for 7.5 application enhancements)

# Solutions addressed with Release 7.5

- *Business plans change, Users make mistakes, 'stuff' happens throughout the Supply Chain Management process...*
- Examples:
  - Submitted PO needs quantity adjustment or change item numbers: [PO Revisioning](#) *allows user to modify, resubmit and retain history of original PO*
  - Shipment is received, recording the receipt with incorrect packing slip number: *User can now [Void Receipt](#), [Receipt Quantity Tolerance](#) can prevent incorrect amounts from being received (saves time and reduces data entry errors)*
  - Vendor Invoice was entered and approved, later it was discovered unit price for an item was incorrect: *Action to [Reverse Invoice](#), backs out approved invoice, user can duplicate, make corrections and approve*

# Solutions addressed with Release 7.5

- *Business plans change, Users make mistakes, 'stuff' happens throughout the Supply Chain Management process...*
- Examples:
  - Some of the Items we issue require inspections and approval before delivering the order: [Inventory Usage](#) streamlines the process, supports workflow for issues & transfers, staged and shipped items, multiple assets/bins per line.
  - We need more flexibility with how we manage the cost of our inventory items...more like what we can do in our ERP system: 'New' costing method added to allow for valuation at actual receipt costs on a [LIFO or FIFO](#) basis
  - Our work schedules are tight, we need to make sure reserved parts are available when we need them: Issues and transfers can now be defined as either ['Hard or Soft' reservations](#)...a 'hard' reservation blocks the reserved quantity from being available for other requests



# Solutions addressed with Release 7.5

- *Customers are pushing their maintenance staffs to be more efficient and require processes that support these efforts....*
- Examples:
  - I need to enter a dozen of the same type of asset, it's painful to have to enter them each individually and making updates to them later on is just as bad: [Asset templates](#) can be used to create multiple assets or to update multiple existing assets with common asset information
  - Frequently a truck from one of our other sites pulls in and needs maintenance while they are here: [Repair Facility locations](#) enables work orders & PM's to be completed for Assets from different sites
  - We have stringent controls on when a Job Plan can be changed and we need to retain history: [Job Plan Revisioning](#) can be enabled, each previous version is kept for full history and compliance
  - We need to look ahead at our PM's scheduled dates: [PM Forecasting](#) tab allows generating forecasted PM dates, dates can be changed or re-forecast as necessary

# Repair Facilities

Find: [ ] Select Action [ ]

List Work Order Plans Assignments Related Records Actuals Safety Plan Log Data Sheet Failure Reporting Specifications

Work Order: 1177 Quarterly trailer inspection

Location: ATLTERM Atlanta Domocile Terminal

Asset: T1002 1997 Utility 53ft Trailer

Configuration Item: [ ]

Parent WO: [ ]

Classification: [ ]

Class Description: [ ]

Launch Entry Name: [ ]

Repair Facility: BEDFORD Bedford Repair Facility

Repair Facility Site: BEDFORD

Site: FLEET

Site for the Work Order and Asset

Site where the work is done

Job Details

Job Plan: [ ]

Job Plan Revision #: [ ]

PM: [ ]

Safety Plan: [ ]

Asset Details

Asset Up?

Warranties Exist?

SLA Applied?

Charge to Store?

Priority

Asset/Location Priority: 2

Priority: [ ]

Priority Justification: [ ]

Risk Assessment: [ ]

# Solutions addressed with Release 7.5



- *The user spends lots of time in Maximo and does a lot of data entry, they asked us to:*
  - “Anticipate what I will need next and present it to me (don’t make me hunt for it)”
  - “Don’t let me make avoidable errors”
  - “Help me to complete my tasks in as few steps as possible”
  - “Don’t slow me down when I’m on a roll”
  - “My eyes are bad, sometimes I can’t read the screen”
- What’s coming?
  - Improved [Table window](#) refresh behavior
  - Enabled [‘heads down’ data entry](#) (asynchronous validation)
  - [Browser zoom](#) enabled, users can zoom in (ctrl+) or zoom out (ctrl-) of application screens
  - Faster [date/time look up](#) (new calendar control)
  - [Rich-text editor](#) (can format text the way they want to see it)

# Table Window

Work Order Tracking

Bulletins: (0) Go To Reports Start Center Profile Sign Out Help

Find:  Select Action

- List
- Work Order
- Plans
- Assignments
- Related Records
- Actuals
- Safety Plan
- Log
- Data Sheet
- Failure Reporting
- Specifications

Work Order:  Emergency Generator Overhaul  Site:  Status:   
Parent WO:

Children of Work Order 1150 Filter 0 - 0 of 0

Sequence	Record	Record Class	Summary
...No rows to display.			

When I save, focus remains on the last table row that was edited

Tasks for Work Order 1150 Filter 7 - 12 of 15

Sequence	Task	Summary	Estimated D	Owner	Owner Group
70	Check battery posts, cables for tightness.		0:30	WAPPR	
80	Check heat exchangers.		0:12	WAPPR	
90	Place control switch on each control board to		0:11	WAPPR	
100	Check V-belts, deflection 9/16 to 13/16 in..		0:12	WAPPR	
110	Clean entire unit.		1:00	WAPPR	
120	Remove and clean air induction filters.		0:18	WAPPR	

# List page

Work Order Tracking

Bulletins: (0) [Go To](#) [Reports](#) [Start Center](#) [Profile](#) [Sign Out](#) [Help](#)

Find:  Select Action

[List](#) [Work Order](#) [Plans](#) [Assignments](#) [Related Records](#) [Actuals](#) [Safety Plan](#) [Log](#) [Data Sheet](#) [Failure Reporting](#) [Specifications](#)

[Advanced Search](#) [Save Query](#) [Bookmarks](#)

Work Orders [Filter](#)     61 - 80 of 395  [Download](#)

Work Order	Description	Location	Asset	Status	Scheduled Start	Priority	Site
<a href="#">2001</a>	Ventilation Fan - Check-out Noise	SHIPPING					
<a href="#">2002</a>	Stop Guard on Shipping Dock	SHIPPING					
<a href="#">2003</a>	Scale Calibration on Dock Mis-reading	SHIPPING					
<a href="#">2004</a>	Feeder Jammed	BPM3100	13110				
<a href="#">2005</a>	Check-out Leaking	BPM3100	13145				
<a href="#">2006</a>	Check-out Alignment of Steel Support Bracket	BPM3100	13145	WAPPR			BEDFORD
<a href="#">2007</a>	Air Filter - Check-out	BOILER		WAPPR		5	BEDFORD
<a href="#">2008</a>	<i>Fire Door Cable Broken</i>	<i>BOILER</i>		<i>WAPPR</i>		<i>8</i>	<i>BEDFORD</i>
<a href="#">2009</a>	Ventilator in Boiler Room Making Noise - Check-out	BOILER		WAPPR		5	BEDFORD
<a href="#">3000</a>	New fall 97 outage			WAPPR		0	BEDFORD

When I save a record and go back to the List, the result set is still in the state I left it until I hit refresh.

Records that have been touched are Italicized to indicate they have changed

# 'Heads down data entry' (Asynchronous Validation)

Work Order Tracking

Bulletins: (0) Go To Reports Start Center Profile

Find:  Select Action

List **Work Order** Plans Assignments Related Records Actuals Safety Plan Log Data Sheet Failure Reporting Specifications

Work Order: 1176 Work on Generator

Location:

Asset:

Configuration Item:

Parent WO:

Classification:

Class Description:

Launch Entry Name:

Repair Facility:

Repair Facility Site:

Site: BEDFORD

Class: WORKORDE

Work Type:

GL Account: 6210-325-??

Failure Class: BOILERS

Problem Code:

Workroom Material Status:

Work Package Material Status:

Material Status:

Attachments

Status:

Status Date:

Inherit Status Changes?

Accepts Charges?

Is Task?

Under Flow Control?

Suspend Flow Control?

Flow Action:

Flow Action Assist?

You entered: booler

BMXAA2661E - Location BOOLER is not a valid location.

Click "Edit My Value" to change the value you entered or "Go Back" to the value that was there before.

I can enter data at my own pace, and address errors and warnings when I want to

**Job Details**

Job Plan:

Job Plan Revision #:

PM:

Safety Plan:

**Asset Details**

SLA Applied?

Charge to Store?

Priority Justification:

Risk Assessment:

*I can enter text in the format that I want on a Maximo screen. I don't need to rely on attachments for rich-text formatting.*

- Long Descriptions, Communication Templates and Displays in BIRT reports

Long Description

Boiler- 50,000 Lb/Hr/ Gas Fired/ Water Tube

**PROBLEM: Boiler Produces No Heat**

Possible Causes

- Boiler has no power
- Water level is low
- Pilot or electronic burner ignition malfunction
- Thermostat malfunction

Possible Repairs

- [Circuit breaker](#) or [fuse](#) controlling the furnace is [tripped or blown](#). [Reset tripped](#)
- Maintain water level at half full. The boiler's automatic filling system using the maintaining a 12-15 psi pressure. If you do not have a pressure reducing valve feed valve until boiler pressure reaches 12 psi.
- Natural gas or propane control valve to boiler burner is closed.
- Pilot light is out. [Relight standing pilot](#).
- Troubleshoot [electronic ignition](#) system if boiler has no standing pilot.
- Check that thermostat is in **heat mode** and has appropriate temperature setting.
- Try moving thermostat setting for temperature up or down a few degrees.
- [Troubleshoot thermostat](#).

Reset Clear

OK Cancel

# Displays in reports

Tivoli software

### Asset Details

11400: Boiler- 50,000 Lb/Hr/ Gas Fired/ Water Tube  
**PROBLEM: Boiler Produces No Heat**

#### Possible Causes

- Boiler has no power
- Water level is low
- Pilot or electronic burner ignition malfunction
- Thermostat malfunction

#### Possible Repairs

- [Circuit breaker](#) or [fuse](#) controlling the furnace is [tripped or blown](#). [Reset tripped circuit breaker](#). Replace [blown fuse](#).
- Maintain water level at half full. The boiler's automatic filling system using the pressure relief valve should maintain proper water level by maintaining a 12-15 psi pressure. If you do not have a pressure reducing valve you can also manually feed the boiler by oping up the water feed valve until boiler pressure reaches 12 psi.
- Natural gas or propane control valve to boiler burner is closed.
- Pilot light is out. [Relight standing pilot](#).
- Troubleshoot [electronic ignition](#) system if boiler has no standing pilot.
- Check that thermostat is in **heat mode** and has appropriate temperature setting.
- Try moving thermostat setting for temperature up or down a few degrees.
- [Troubleshoot thermostat](#).

Enabled Rich Text Formats to display in BIRT Reports

Site:	BEDFORD
Status:	NOT READY
Maintain Hierarchy?	N
Parent:	
Parent Description:	

Type:	
Priority:	5
Serial Number:	66392
Location:	BR400
Location Desc:	Main Boiler- 50,000 Lb/Hr

Calendar:	COMPANY1
Shift:	
Failure Class:	BOILERS
Condition Code:	
Group Name:	

Purchase Details									
Vendor	Manufacturer	Install Date	Warranty Exp Date	Purchase Price	Replace Cost	Total Cost	YTD Cost	Budget Cost	Inventory Cost
BWC	BWC	5/31/94	11/29/99	131000.00	225000.00	114765.00	4865.00	5000.00	0.00

Downtime			
Asset Up?	Total Downtime	Changed By	Changed Date
1	4.666666666666667	WILSON	2/22/11 9:15:52 PM

Sub Assemblies			
Asset	Asset Description	Location	Location Description
11460	Burner, Gas Fired- For Boiler	BR460	Burner, Gas Fired- For Boiler



# Solutions addressed with Release 7.5

- *Maximo is pretty configurable, but there's always things to improve...*
- Examples:
  - The Integration Framework is pretty powerful, but sometimes our business users have small sets of data they need access to or need to load into the system quickly: [Application Export/Import](#) can be configured through the UI. *User can export a result set of records, make a series of quick changes within excel, xml, etc. and then import back to Maximo (bulk maintenance or loading small sets of new records)*
  - We have developed some custom java class files to meet our business needs, however we'd like an easier way to configure logic without class files: *With the [Automation Scripts](#) application, you can implement scripts to automate routine tasks without having to recompile Java files or restart the server. Permits an extra level of configuration capability (i.e. calculated fields)*





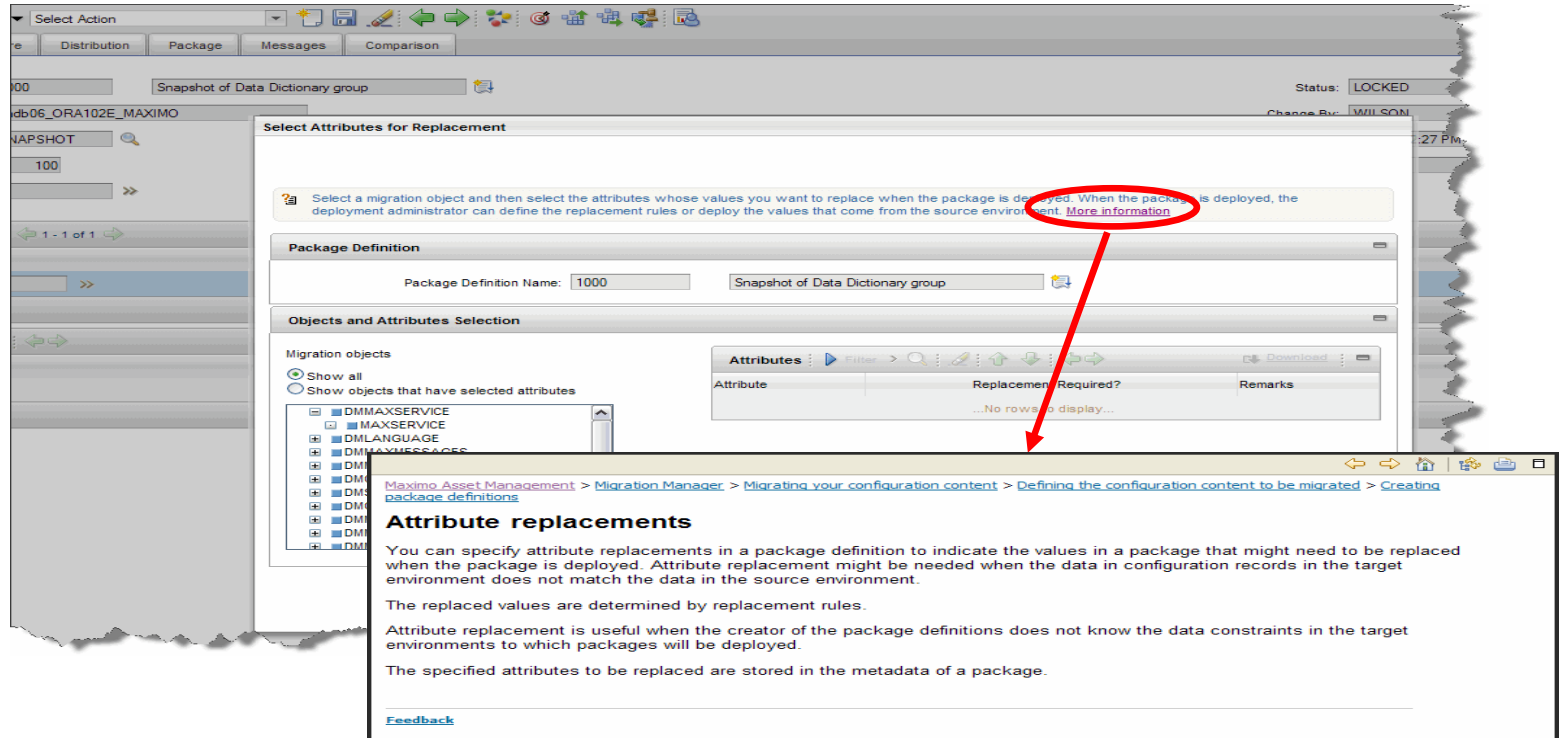
# Enhancements to Help

- The overall objective toward the enhancements to Help is to allow the user to accomplish their work while staying in the product

Feature	Benefit
<i>Technical content of the product is now in one information center and installed on the customer network</i>	<i>Permits better access to a more complete library of information.</i>
<i>A single search for all products</i>	<i>All help for all Service Management products available in one place!</i>

# Accomplish your work while you stay in the product

- Information content improvements made to complex areas of product
- Included links to relevant topics for more information



The screenshot shows a software interface with a dialog box titled "Select Attributes for Replacement". The dialog box contains the following sections:

- Select a migration object and then select the attributes whose values you want to replace when the package is deployed. When the package is deployed, the deployment administrator can define the replacement rules or deploy the values that come from the source environment. [More information](#)**
- Package Definition**  
Package Definition Name: 1000 Snapshot of Data Dictionary group
- Objects and Attributes Selection**  
Migration objects  
 Show all  
 Show objects that have selected attributes  
List of migration objects: DMMAXSERVICE, MAXSERVICE, DMLLANGUAGE, DMLMESSAGES, DML...
- Attributes**  
Table with columns: Attribute, Replacement Required?, Remarks. The table is empty with the text "...No rows to display...".

A red circle highlights the "More information" link in the first section, and a red arrow points from it to a help window titled "Attribute replacements". The help window contains the following text:

[Maximo Asset Management > Migration Manager > Migrating your configuration content > Defining the configuration content to be migrated > Creating package definitions](#)

### Attribute replacements

You can specify attribute replacements in a package definition to indicate the values in a package that might need to be replaced when the package is deployed. Attribute replacement might be needed when the data in configuration records in the target environment does not match the data in the source environment.

The replaced values are determined by replacement rules.

Attribute replacement is useful when the creator of the package definitions does not know the data constraints in the target environments to which packages will be deployed.

The specified attributes to be replaced are stored in the metadata of a package.

[Feedback](#)

# Search with highlighting

The screenshot shows the IBM Information Center search interface. At the top, the search bar contains 'XML code' and the search scope is set to 'All topics'. The search results list 'Working with application design' as the selected item. The main content area displays the article text, where the terms 'XML' and 'XML code' are highlighted in blue. A red circle highlights the search bar area, and a red arrow points from it to the highlighted 'XML' text in the article.

Information center IBM.

Search: XML code  Search scope: All topics

**Search Results**

5 result(s) found for **XML code**

- Importing applications  
Information about the controls that are used to compose a user interface is saved in XML format. The XML code can be applied to an application that you create in the Applicati
- Working with application design**  
You can create applications, configure options, change properties, add items to toolbars, import applications, and export applications. Creating applications The Ap
- Exporting applications  
The system maintains information about the controls that are used to compose a user interface in XML format, and stores this information in the database. Use the Export functi
- Migration Manager error messages  
You can take corrective actions to respond to the error messages produced by the Migration Manager application. Error code Error message Message details in the messag
- Glossary terms for IBM Maximo Asset Management..  
IBM Maximo Asset Management, Version 7.5 Glossary This glossary includes terms and definitions for IBM® Maximo® Asset Management . The following cross-references are used in this glossary: See refe

[Maximo Asset Management](#) > [Modules and applications](#) > [System Configuration module](#) > [Platform Configuration submodule](#) > [Application Designer](#)

## Working with application design

You can create applications, configure options, change properties, add items to toolbars, import applications, and export applications.

### [Creating applications](#)

The Application Designer lets you create three different types of new applications, power applications, single page applications and self service applications. The system uses a different template for each application type to create the basic user interface structure of the application.

### [Adding signature options to an application](#)

Signature options specify privileges for using applications, menu options, and toolbar items. You can control access to various elements of an application by adding or modifying the signature options for that application.

### [Configuring conditional properties](#)

The Configure Conditional Properties window in the Application Designer lets you configure how a control appears or behaves for a specific group of users. Configure Conditional Properties is used to determine conditional access to a control, such as a field or tab.

### [Changing the properties of controls](#)

You can use the **Control Properties** function to change the properties of a control. The Properties window shows all the attributes and assigned values of the highlighted control along with the name of the control at the top of the window.

### [Adding items to toolbars and menus](#)

You can add buttons to toolbars, add actions to the **Select Action** menu, and add menu items to the **Search** menu.

### [Importing applications](#)

Information about the controls that are used to compose a user interface is saved in **XML** format. The **XML code** can be applied to an application that you create in the Application Designer. The user interface for an application is called the application definition. There are times when editing the **XML** file of an application definition is more efficient than using Application Designer to make changes.

### [Showing all controls](#)

Use **Toggle Show All Controls** in the **Select Action** menu in the Application Designer to view and hide controls that are not visible when you open an application in the Application Designer.

Parent topic: [Application Designer](#)

[Feedback](#)

# Linear Assets add-on: Visual Control

The screenshot displays the 'Assets' application interface. At the top, there is a navigation bar with 'Assets' on the left and 'Bulletins: (0)', 'Go To', 'Reports', 'Start Center', and 'Profile' on the right. Below this is a search bar with 'Find:' and a 'Select Action' dropdown. A series of tabs includes 'List', 'Asset', 'Spare Parts', 'Safety', 'Meters', 'Specifications' (which is active), 'Features', and 'Work'. The main content area shows asset details: 'Asset: I-95N', 'Interstate 95 Northbound', 'Site: BEDFO...', 'Classification: ROAD', and 'Class Description:'. Below the details is a 'Specifications' section with a 'Filter' button and a range indicator '1 - 10 of 24'. A yellow callout bubble points to the specifications table with the text: 'Scroll-able control, use to view Specification details, Features, Relationships and Work along the linear asset'. The specifications table has a horizontal axis from 0 to 90. The 'SPEED' row is highlighted with a red box, and a red arrow points from it to a red circle containing the value '65'. A tooltip for the 'SPEED' row shows: 'Level of Service: C', 'Alphanumeric Value: C', 'Start Measure: 55', and 'End Measure: 56'. Other rows include 'Capital Beltway', 'Suburban', 'Rural', 'Suburban', 'Prince George', 'Howard', 'Baltimore', 'Baltimore City', 'Baltimore', 'Principal Arterial - Interstate', 'B', 'C', 'Bituminous', 'Rolling', and 'TERRAIN'.

# Continuing our innovation and leadership in the EAM market

- Maximo Functionality available out on ISM Library (OPAL) or through Support web site  
–Available from IBM download site and is free to use for customers

- **ITM for Maximo:** Available for 6.2,x, 7.1 and 7.5  
Used for monitoring performance of Maximo environment  
(search Support website for: Maximo Monitoring)



- **ECRI Interface:** Available on 7.1 and 7.5  
Provides real-time access to the AlertsTracker, a repository for hazard and recall alerts on medical devices. Identifies, within Maximo, any equipment on the hospital's inventory under a hazard and recall alert. (download from ISM Library)



- **Email for Maximo:** Available on 7.1 (available end of March 2011)  
Generates an email based on any condition. Receive a reply to update a record in Maximo. Send a confirmation email. Ideal for Work Order status updates and Approvals, workflow approvals. Works with BlackBerry or any email capable device (download from ISM Library)



# Download URL's

- URL Link to the ISM Library for downloads  
<http://www-01.ibm.com/software/brandcatalog/ismlibrary/>
- URL Link to the Maximo Asset Management Support website:  
[http://www-947.ibm.com/support/entry/portal/Overview/Software/Tivoli/Maximo\\_Asset\\_Management](http://www-947.ibm.com/support/entry/portal/Overview/Software/Tivoli/Maximo_Asset_Management)

The screenshot shows the IBM Support Overview page. A red arrow points from the second URL in the list above to the 'Support & downloads' menu item in the navigation bar. A yellow speech bubble with the text 'Enter Search here' points to the search input field in the 'Search support' widget. A red box highlights the search input field and the 'Within my selected products' dropdown menu in the same widget. The page content includes a 'Support overview' header, a 'Your customized support experience' section with a search-related image, and several sidebars for product selection, featured links, and support resources.

United States [ select ]

Home Solutions ▾ Services ▾ Products ▾ Support & downloads ▾ My IBM ▾

Search

← Go to quick start

## Support overview

Support for my selected products

**Your customized support experience**

To modify the contents of this page, choose your products and a support task.

**Search support**

Maximo Monitoring

Within my selected products ▾

Translate this page +

Customize this page +

**Support resources** +

Contact support +

Buy support and services +

Other IBM pages +

**Featured links**

- ▾ Maximo Asset Management
  - Featured documents
  - Detailed system requirements

**Flashes & alerts**

- ▾ Maximo Asset Management
  - Alerts: Get the most up to date alerts for your product(s)



# Downloads for Tivoli Monitoring for Maximo



United States [ change ]

**Filter results by**

Add or remove products by returning to the [IBM Support Portal](#).

**Product(s) list:**

- Maximo Asset Management (64)

**Software product version**

- Version Independent (3)
- Unspecified (5)
- 711 (3)
- 710 (3)
- 621 (9)
- 610 (3)
- 7 2 (4)

**Current selections:**

- Viewing All

**Content type**

- Alert (4)
- Authorized program analysis report (17)
- Documentation index (1)

## Search

Search for

[New search](#) (show everything with no search terms or filters applied)

### Search results

1 - 20 of 64 results [Next](#)

Sort by:

**Tivoli Monitoring Agent for Maximo 6.2.1 Feature Pack**

...the optional IBM Tivoli **Monitoring Agent** for **Maximo 6.2.1 Feature Pack**. Download... Tivoli **Monitoring** and the **Monitoring Agent** for **Maximo**, you can monitor aspects...several optional agents, the **Monitoring Agent** for...  
Last modified date: 3 Nov 2009

**Tivoli Monitoring Agent for Maximo 7.1.1 Feature Pack**

...the optional IBM Tivoli **Monitoring Agent** for **Maximo 7.1.1 Feature Pack**. Download... Tivoli **Monitoring** and the **Monitoring Agent** for **Maximo**, you can monitor aspects...several optional agents, the **Monitoring Agent** for...  
Last modified date: 17 Dec 2009

### Search elsewhere

Didn't find what you were looking for? Try these related searches:

- Google
- Bing
- Yahoo!

### Actions

[Return to IBM Support Portal](#)

### Help

[Search tips](#)

### Newsfeeds

[Subscribe to search results \(RSS\)](#)

Thank You....





# Supply Chain Enhancements

# Purchasing Enhancements

<b>Purchase Order Revisions</b>	Provides revision (update) capability to purchase order (PO) document
	Uniqueness of the record based on PO number and the Revision number
	View Revision History to keep track of changes
<b>Purchasing – 360 view of Supply Chain</b>	New action will be introduced within the Purchasing module, <i>View Related Records</i>
	Provides users with a view to all current SCM related records. The related records are PR, PO, RFQ, RECEIPT, INVOICE and CONTRACTS.
	User will be able to trace the status of PR, PO, Receipts, etc. One stop-shop for entire Supply Chain view
<b>Purchasing - Taxes</b>	Additional Tax Types - Provide an easy and configurable option to define additional tax types
	Tax Exempt Items - Provide the capability to flag an item as tax exempt
	Tax Code Hierarchy - Configurable screen where tax code determination hierarchy can be defined. Maximo tax engines leverages the hierarchy to derive tax code

# Receiving Enhancements

<b>Receipt Tolerances</b>	User can define receipt tolerance at various levels
	Establishes a tolerance threshold at which the user will be stopped during an over-receipt situation.
<b>Voiding Receipts</b>	Reverses a receipt transaction without the use of a return transaction.
	Voided receipts will execute the same business logic as a return (balance/cost adjustment, etc) but will not be available for inclusion on a credit invoice
	Voiding available for unprocessed receipts. Receipts that have been matched cannot be voided. Receipts that have inspected cannot be voided
<b>Receiving Returns</b>	Returning Service - Service Returns can be processed similar to Material returns. Simplifies return process for Service and makes return process consistent
	Returning Assets - User can select which assets to return
	Based on non rotating items logic. Added validation to check for Move and Cost consistency

# Invoicing Enhancements

<b>Centralized Invoice</b>	Consolidate PO from different sites on a Single Invoice
<b>Reversed Invoice</b>	Error correction feature used to backout an approved invoice
<b>Copy PO Lines</b>	Better View to select PO for Invoicing purposes
<b>GL Post Date</b>	New Date column containing Invoice Post Date

# Materials Management Enhancements

<b>Item Master – Stock Category</b>	Change to the Definition of Stock Category <ul style="list-style-type: none"><li>• Previously, stock category controlled automatic replenishment</li><li>• Stock category will now control whether an item is 'stockable' and can exist in a storeroom or whether it is only available for direct order from a vendor (non-stocked).</li></ul>
	Stock Category Moved to Item/Organization level <ul style="list-style-type: none"><li>• Controls stockability for items within an organization</li></ul>
	'Reorder?' yes/no flag added to Inventory record <ul style="list-style-type: none"><li>• Allows for seamless transition from previous functionality</li></ul>
<b>Benefits:</b>	Resolves functional gap on usage of stocked/non-stock item terminology. Better alignment with ERP systems.

# Materials Management Enhancements

<b>Inventory Costing</b>	<p>Default Costing Method</p> <ul style="list-style-type: none"><li>• Previously, costing method was defined at the site-level</li><li>• Costing method will now be set at the Inventory level<ul style="list-style-type: none"><li>* The costing method will continue to be defaulted from the site level</li><li>* Costing method can be set differently between inventory records within the same storeroom and site</li></ul></li></ul>
	<p>LIFO/FIFO Costing Method</p> <ul style="list-style-type: none"><li>• ‘New’ costing method to allow for valuation at actual receipt costs on a LIFO or FIFO basis</li></ul>
	<p>Consignment Inventory</p> <ul style="list-style-type: none"><li>• Adds support for ‘vendor-owned’ inventory valuation</li><li>• Allows for items to be paid for on use rather than pay on receipt</li></ul>



# Materials Management Enhancements

## Reservation Management

### Reservations Can be Set as Hard or Soft

- Allows users to specify reservation priority
- Hard reservations affect available balance and require the balance to be on-hand at the time of reservation creation
- Soft reservations would be considered to be uncommitted or contingency demand

### 'Automatic' Reservation Processing

- Reservations can be created under automatic processing.
- The system will automatically set the reservation to APSOFT or APHARD depending on the required date of the item compared to the lead time to procure the item
- 'Backorder' functionality to indicate when a hard reservation is desired, but available balance on-hand is insufficient to satisfy a hard reservation.

# Materials Management Enhancements

<b>New Application – Inventory Usage</b>	Inventory usage replaces the Issues and Transfers application <ul style="list-style-type: none"><li>•Simplified flow - Issues and transfers are recorded from the same tab</li></ul>
	Inventory Usage records consist of a statusable header and related lines records. <ul style="list-style-type: none"><li>•Allows for business process to be employed <i>prior</i> to transaction creation.</li><li>•Workflow can be enabled on Inventory Usage documents</li></ul>
	Robust 'out-of-the-box' business functionality <ul style="list-style-type: none"><li>•Optional automatic creation of inventory usage documents.</li><li>•Split quantities across multiple supplying bins.</li><li>•Staging functionality to set aside balances for issue or transfer and hold these balances in a staging bin until 'picked up'.</li><li>•Shipping - Transfers that require the use of an intermediary location (courier, shipper, truck, etc) can create shipment records to track items in transit.</li></ul>