



# PulseANZ2010

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# Maximo Everyplace

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## What is Maximo Everyplace?

- Access to the same Maximo you use from desktop browsers, but with expanded browser support
  - Mobile Safari (for iPhone and iPod touch) is the first supported mobile browser
- Ability to configure screens for mobile devices running supported browsers through special App Designer features
  - Configuration happens on a desktop machine, not a mobile device



## Why do it?

- Connectivity is increasingly common
- Customers want quick access to specific Maximo functionality on a mobile device
- They don't want to have to download anything on to the device in order to get access to Maximo (Everyplace is entirely browser based; nothing to install/maintain on the device)
- They want the WYSIWYG configuration capabilities that the Maximo Application Designer provides
- They don't want to invest heavily in the devices



## Representative Use Cases

- My supervisors need to see work orders as they come in and react to them by changing status and assigning them (*reduce lag time*)
- My maintenance workers need to log their hours when they're actually doing the work (*reduce errors in system; reduce paperwork*)
- Management wants to check on KPIs (*reduce unnecessary printouts; increase communication*)



## What's included and not included

- New Application Designer functionality to make designing for different screen sizes easier
- A new look for Maximo applications that can be applied on a per-application basis. It makes interacting with Maximo easier on a touch screen
- No new apps are included. Rather, we're delivering the toolkit in the Application Designer to help customers make their own applications easier to use across a range of devices.
- All the functionality of Maximo 7.1.1.5 is available for use in Maximo Everyplace applications
- Use any control available from the Application Designer Control Palette



## The Approach: Use the Application Designer

- Start with an existing application. Clone it. (Or, create a new app from scratch.)
- Design for the right screen size by using the appropriate viewport.
- Make the screen elements touchscreen-friendly by switching to the mobile skin
- Eliminate anything that's not absolutely necessary: Strategic deletion
- Grant access via security groups
- Have users configure their mobile Start Center



## Does Maximo Everyplace replace Maximo Mobile?

- No
- The two products serve different users with different needs

Everyplace	Mobile
Requires connectivity: Data plan or WiFi	Supports disconnected use
Supports iPhone and iPod touch (more devices coming soon)	Supports Windows Mobile devices

- For some customers, having both products makes sense





## Does Maximo Everyplace work on a Blackberry?

- No
- Everyplace adds support for the Mobile Safari browser only so far
- Maximo Everyplace will work on devices using browsers Maximo currently supports like IE and Firefox



## Short-Term Goals

- General availability in Q3, 2010
- Expanded mobile browser support
  - Browsers using the webkit engine are the most likely targets as they seem to handle Maximo best.
  - Blackberry does not currently use a webkit-based browser, but plans to release one in Q3.



## Limited Release v. GA Plan

	Limited Release: Now	General Release: Q3
Languages supported	English only	All languages supported by Maximo
Browsers supported in addition to Maximo-supported browsers	iOS native browser (mobile Safari) on iPhone and iPod touch	iPad browser Adds Android 2.1 and higher's native browser
Maximo version required	Fixpack 7.1.1.5 or higher	Fixpack 7.1.1.7
Connectivity (data plan or WiFi)	Required for use	Required for use



Welcome, Mike Wilson Bulletins: (0) Go To Reports Start Center Profile Sign Out Help IBM

Administration Report Admin

Change Content/Layout Display Settings Create New Template Modify Existing Template Update Start Center

### Quick Insert

- New Person
- New User

### Security, Users and Groups

- Users
- Security Groups
- People
- Person Groups

### Workflow Configuration

- Workflow Designer
- Roles
- Actions
- Communication Templates

### Bulletin Board

Subject	Message	Post Date	Expiration Date	Viewed?
				N

There are currently no bulletin board messages to view.

### Inbox / Assignments

Description	Due Date	Priority	Start Date	Route
No Assignments found for <b>Mike Wilson</b>				

### KPI Graph

Last Run: 2/29/08 3:01 PM Update

Status	KPI	Actual	Target	Variance
■	Current User Sessions	1	500	-499

Current User Sessions

Find:  Select Action

Work Order: 1000 Location: BR300 Asset: 11300 Configuration Item: Parent WO: Classification: Class Description: Launch Entry Name:	Relocate Guard Rails Around Compressor Boiler Room Reciprocating Compressor Reciprocating Compressor- Air Cooled/100 CF	Site: BEDFORD Class: WORKORDER Work Type: CM GL Account: 6210-300-??? Failure Class: Problem Code:	Attachments Status: WAPPR Status Date: 2/6/99 2:25 PM Inherit Status Changes? <input checked="" type="checkbox"/> Accepts Charges? <input checked="" type="checkbox"/> Is Task? <input type="checkbox"/> Under Flow Control? <input type="checkbox"/> Suspend Flow Control? <input type="checkbox"/> Flow Action: Flow Action Assist?
---	---	---	--

<b>Job Details</b> Job Plan: PM: Safety Plan: SPLAN1 Contract:	<b>Asset Details</b> Asset Up? <input checked="" type="checkbox"/> Warranties Exist? <input type="checkbox"/> SLA Applied? <input type="checkbox"/> Charge to Store? <input type="checkbox"/>	<b>Priority</b> Asset/Location Priority: 5 Priority: 2 Priority Justification: Risk Assessment:
--	---	---

Multiple Assets, Locations and CIs Filter

Asset	Location	Configuration Item	Target Description	Sequence	Progress	Site
...No rows to display...						

<b>Scheduling Information</b> Target Start: 12/31/98 8:00 AM Target Finish: 12/31/98 3:00 PM Scheduled Start: Scheduled Finish: Predecessors:	Actual Start: Actual Finish: Duration*: 10:00 Time Remaining:	<b>Follow-up Work</b> Originating Record: Originating Record Class: Has Follow-up Work? <input type="checkbox"/> Interruptible? <input type="checkbox"/>
--	--	--

<b>Responsibility</b> Reported By: Joe Jones Reported Date: 12/31/98 12:18 PM On Behalf Of: Phone: x1311	Supervisor: MILLER Crew: Lead: Work Group: Vendor:	Owner: Owner Group: Service Group: Service:
--	--	--



Application Designer

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

Find: Select Action

Applications Workspace

Application WOTRACK Work Order Tracking Main Object WORKORDER Report Object REP\_WO

page...

tabgroup...

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

section...

Work Order	<input type="text"/>	<input type="text"/>	
Location	<input type="text"/>	<input type="text"/>	
Asset	<input type="text"/>	<input type="text"/>	
Configuration Item	<input type="text"/>	<input type="text"/>	
Feature	<input type="text"/>		
Feature Label	<input type="text"/>		
Parent WO	<input type="text"/>		
Classification	<input type="text"/>		
Class Description	<input type="text"/>		
Launch Entry Name	<input type="text"/>		

section...

Site	<input type="text"/>	
Class	<input type="text"/>	
Work Type	<input type="text"/>	
GL Account	<input type="text"/>	
Failure Class	<input type="text"/>	
Problem Code	<input type="text"/>	

section...

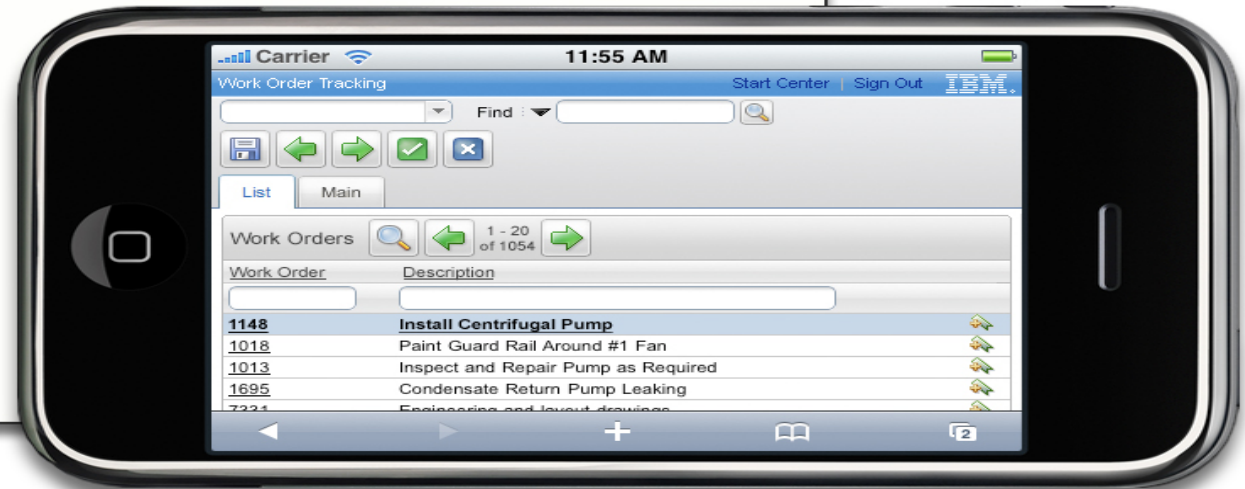
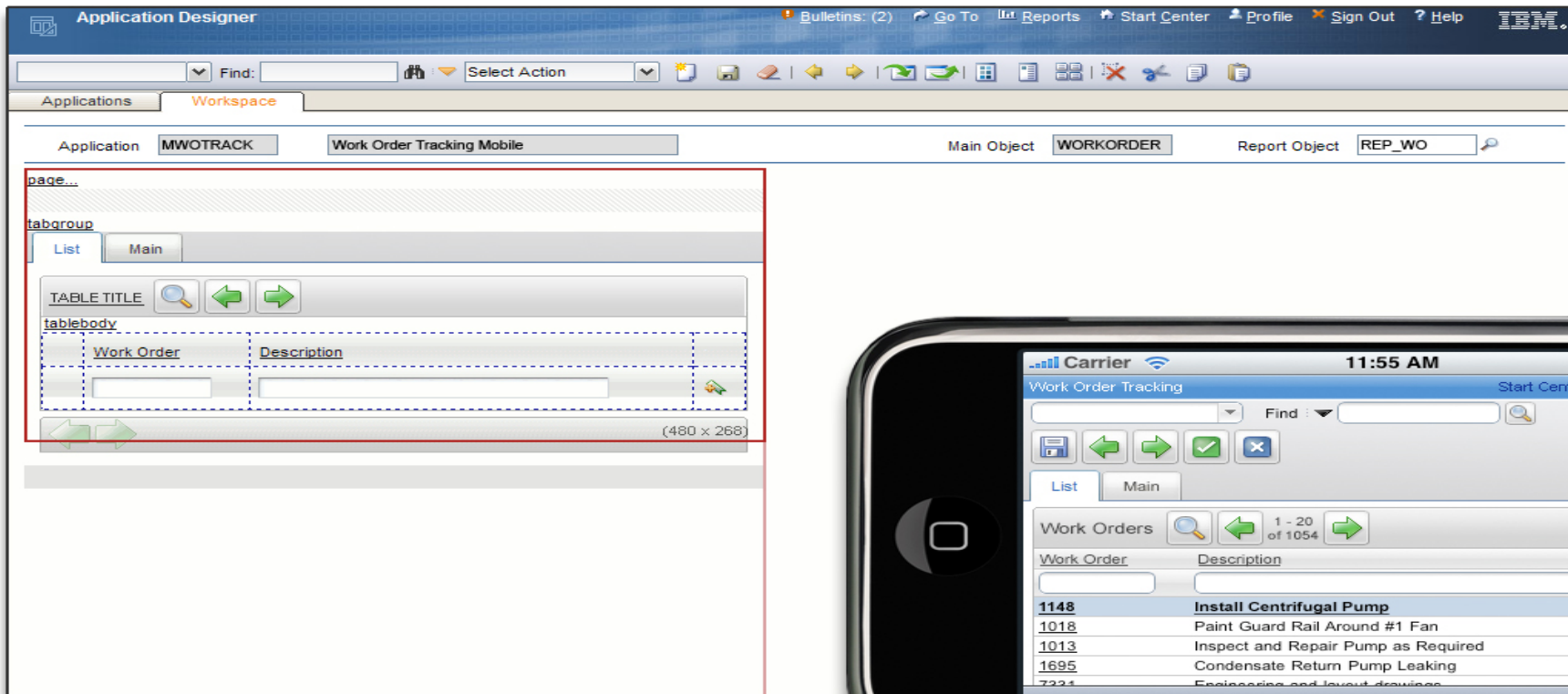
Attachments	
Status	<input type="text"/>
Status Date	<input type="text"/>
Inherit Status Changes?	<input type="checkbox"/>
Accepts Charges?	<input type="checkbox"/>
Is Task?	<input type="checkbox"/>
Under Flow Control?	<input type="checkbox"/>
Suspend Flow Control?	<input type="checkbox"/>
Flow Action	<input type="text"/>
Flow Action Assist?	<input type="checkbox"/>

section...

Job Details Asset Details Priority



# Application Designer – Create Mobile Applications





Application Designer

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

Find: Select Action

Applications Workspace

Application WOTRACK Work Order Tracking Is Mobile? Viewport iPhone wide (480) Main Object WORKORDER Report Object REP\_WO

page...  
tabgroup...  
List Work Order Plans Related Records Actuals Safety Plan Log Failure Reporting Specifications

Advanced Search Save Query Bookmarks

Work Orders Filter Download

Work Order	Description	Location	Asset	Status	Scheduled Start	Priority	Site

iPhone size comes pre-loaded; add others via a domain. The Viewport size corresponds to the size of the red box



# Adding a Viewport to the Domain

The screenshot shows the 'Domains' application interface. On the left, a 'Domains' table lists 'viewport' and 'VIEWPORT'. The main window is the 'ALN Domain' dialog box. It contains the following fields:

- Domain: VIEWPORT
- Data Type: ALN
- Length: 9

Below these fields is a table of existing viewports:

Value	Description	Organization	Site
1041x600	Default (1041x600)		
320x416	iPhone (320 x 416)		
320x533	Android		
480x268	iPhone wide (480 x 268)		
533x320	Android Wide		
730x874	iPad		
954x636	iPad Wide		

At the bottom of the dialog, there are input fields for:

- Value \*
- Description
- Organization
- Site

Buttons at the bottom include 'View/Modify Conditions', 'New Row', 'OK', and 'Cancel'.

Add domains by specifying the desired resolution in the value field. The next time you go to the Application Designer, the new viewport is available.



The screenshot shows the IBM Application Designer interface. At the top, there is a navigation bar with 'Application Designer' and various utility links like 'Bulletins: (0)', 'Go To', 'Reports', 'Start Center', 'Profile', 'Sign Out', and 'Help'. Below this is a toolbar with icons for search, actions, and navigation. The main workspace is titled 'Workspace' and shows the configuration for an application named 'WOTRACK2' with the object 'LL Work Order Tracking'. The 'Is Mobile?' checkbox is checked, and the 'Viewport' is set to 'iPhone wide (480)'. The 'Main Object' is 'WORKORDER' and the 'Report Object' is 'REP\_WO'. A preview window on the left shows a mobile-optimized view with a 'List' tab, 'Work Order' title, search and navigation buttons, and a table with columns for 'Work Order' and 'Description'. A red box highlights the preview area, and an arrow points from the 'Is Mobile?' checkbox to the text on the right.

Select Is Mobile checkbox to switch to a look that includes larger fonts and screen elements that are easier to control with your finger instead of a mouse

## Use the new application on any device with a supported browser

LL Work Order Tracking

Start Center Sign Out IBM

Find: [Search Icon]

List Work Order

Work Order: 1000

Description: Relocate Guard Rails Around Compressor

Location: BR300 >>

Description: Boiler Room Reciprocating Compressor

Asset: 11300 >>

Description: Reciprocating Compressor- Air Cooled/100 C

Status: WAPPR

Priority: 2

Work Type: CM

GL Account: 6210-300-???

Failure Class: >>

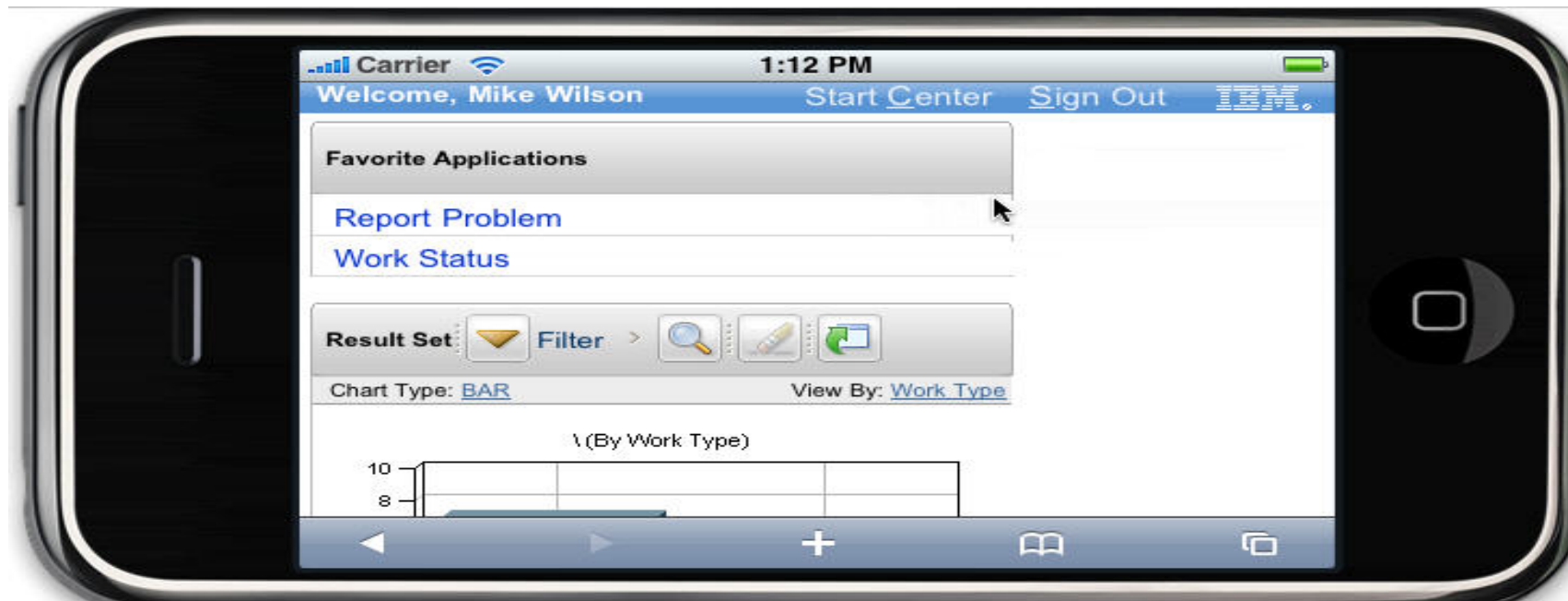
Problem Code: [Search Icon]

Owner: [Search Icon]

Supervisor: MILLER >>

The Viewport size is saved in the presentation and helps you design better apps in the Application Designer, but it doesn't limit the user's ability to use the same app on different devices. Shown here: a Work Order clone designed for an iPhone screen, but viewed at 1024x768 resolution on a laptop.

# Start Center



# Work Order Clone: List Page





## Areas for Future Investigation

- Barcoding
- Uploading attachments, like photos
- Map/GPS integration



Demonstration: Maximo on an iPhone

Demonstration: Creating Mobile Apps





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