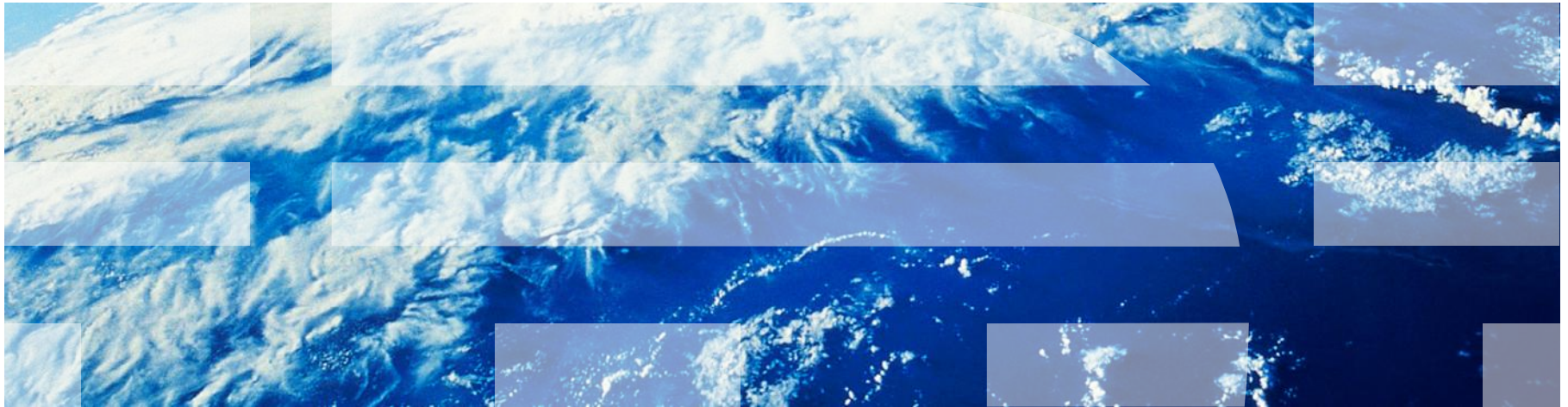


IBM Maximo Everyplace



What is Maximo Everyplace?

- Access to the same Maximo you use from desktop browsers, but with expanded browser support
 - Mobile Safari (for iPhone, iPad and iPod touch)
 - Native browser on Android 2.1 and 2.2 devices

- Ability to configure screens for mobile devices running supported browsers through special Application Designer features
 - Configuration happens on a desktop machine, not a mobile device

Maximo Everyplace - Key Product Differentiators

Extends all of Maximo's functionality that can be configured in the Application Designer to mobile devices.

Requires no additional server hardware or software components – improves Maximo's total cost of ownership.

Uses web browsers already on the devices – no additional client software component is required.

Constant connectivity provides real-time bi-directional updates – enables faster responses, quicker resolutions and accurate data in the system.

Provides the same Maximo UI look and feel across devices – reduces user training and errors related to switching between UIs.

Maximo Everyplace - 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 Maximo functionality configurable through Application Designer is available for use in Maximo Everyplace applications

Solutions Background – the differences

IBM Maximo Everyplace

- No applications running on the mobile devices – web browser based
- Configure any Maximo application for mobile use using Maximo Application Designer WYSIWYG tooling
- Access any Maximo functionality from the mobile device as long as it's configurable via the Application Designer
- Embedded single point of service, security and administration on the server

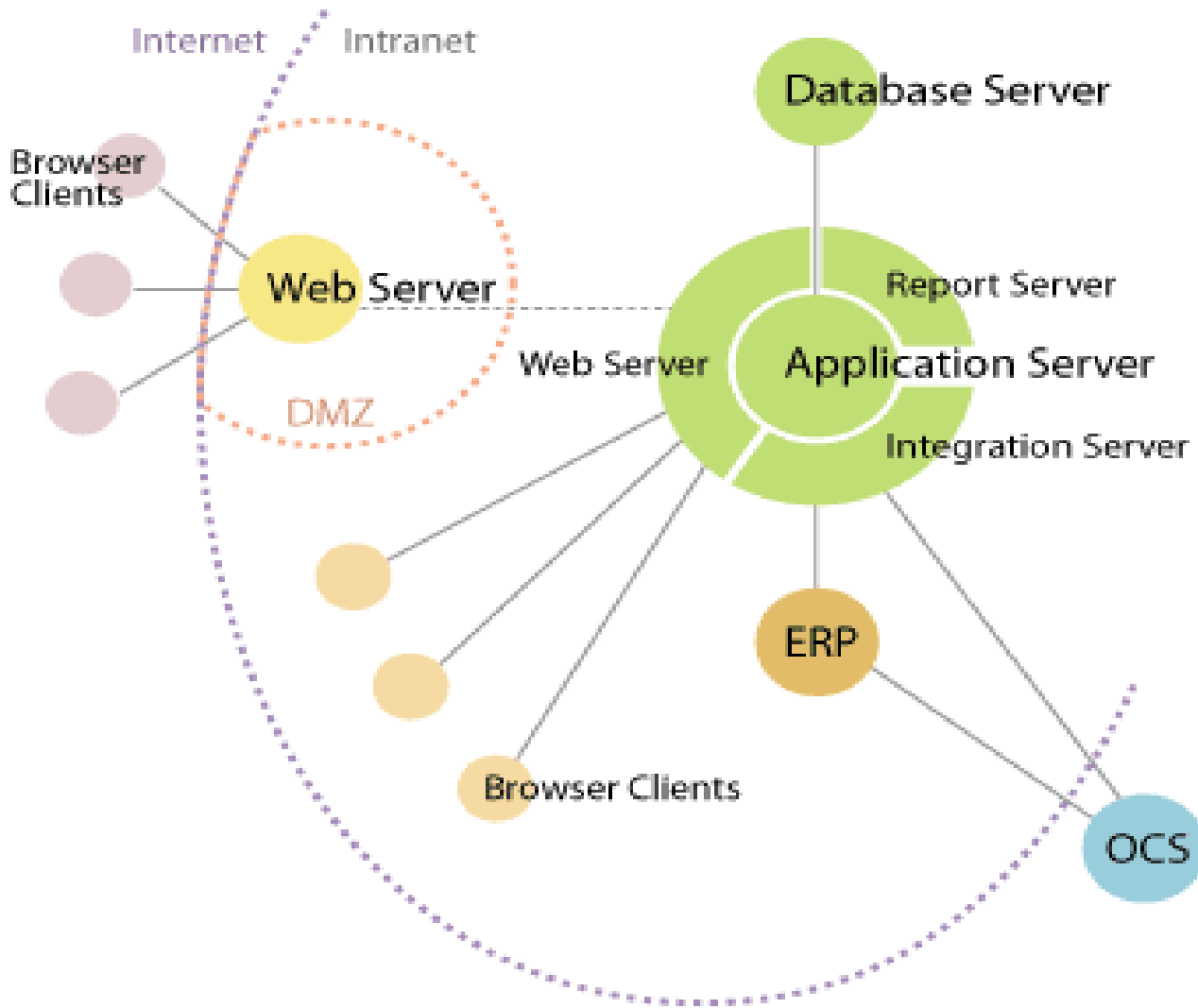
IBM Maximo Mobile

- Mobile applications running connected or disconnected locally on mobile devices
- Configurable mobile UI via XML
- Access targeted, role specific Maximo functionality on mobile
- Embedded single point of service, security and administration on the server

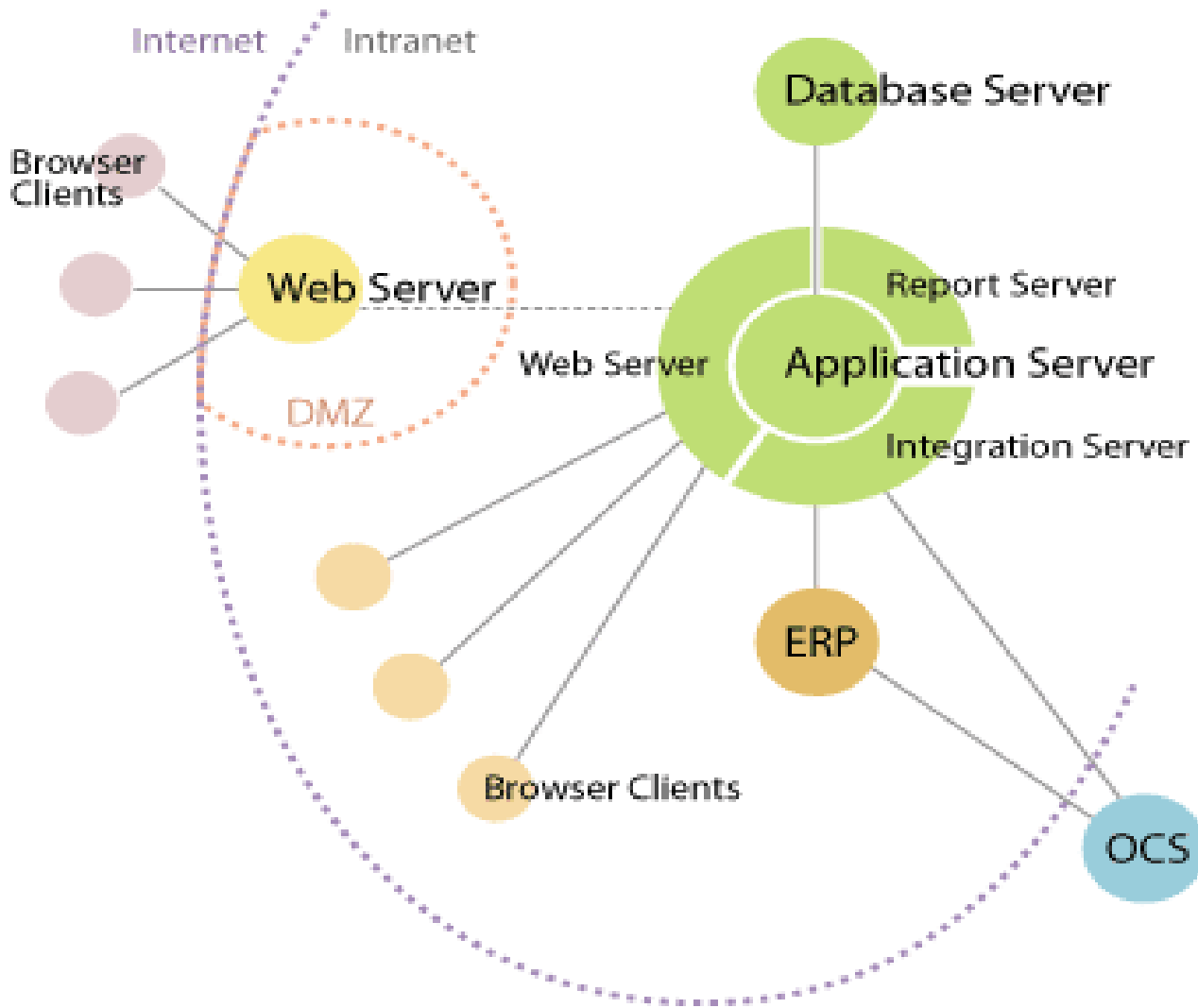
Work Status application



IBM Maximo Architecture

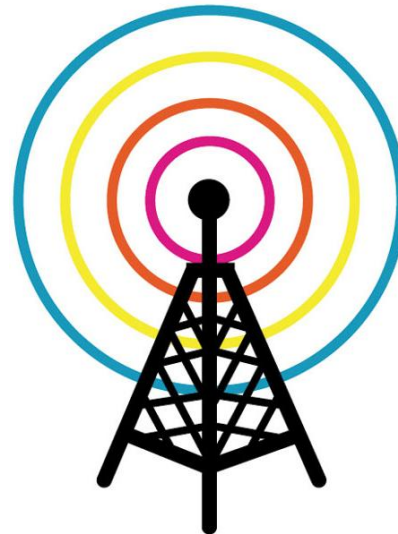


IBM Maximo Architecture with IBM Maximo Everyplace



Full and partial Connectivity (whether WiFi or Cellular)

- All transmissions conducted through HTTP



Security Administration

Security Groups - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://localhost/maximo/ui/?event=loadapp&value=securgroup&uisessionid=10

Most Visited Getting Started Latest Headlines

Security Groups

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

Find: Select Action

List Group Sites Applications Storerooms Labor GL Components Limits and Tolerances Data Restrictions Users

Group MAINTENANCE Maintenance Crew

Applications Filter 1 - 1 of 1

Grant Listed Applications Revoke Listed Applications

Description	Main Object/Table	Original Application (if copied)
work status	The WORKORDER Table	Work Order Tracking

Options for Work Status Filter 1 - 4 of 4

Grant Listed Options for This Application

Description	Grant Access	Condition
Delete Work Order	<input checked="" type="checkbox"/>	
New Work Order	<input checked="" type="checkbox"/>	
Read access to Work Order Tracking	<input checked="" type="checkbox"/>	
Save Work Order	<input checked="" type="checkbox"/>	

Filter 51 - 60 of 68

Description	Grant Access	Condition
Service Request	<input checked="" type="checkbox"/>	
Set Work Order status to Waiting for Material	<input checked="" type="checkbox"/>	
Show Relate Record button	<input checked="" type="checkbox"/>	
Start Timer	<input checked="" type="checkbox"/>	
Stop Timer	<input checked="" type="checkbox"/>	
Stop Workflow	<input checked="" type="checkbox"/>	
Take Ownership	<input checked="" type="checkbox"/>	
Undo Approval of Work Order	<input checked="" type="checkbox"/>	
View SLAs	<input checked="" type="checkbox"/>	
View Search Tips	<input checked="" type="checkbox"/>	

Done

“Device Agnostic”

- Any Device running Apple iOS
 - iPad
 - iPhone
 - iPod touch

- Any device running Google Android OS 2.1
 - Countless devices available

- Tablet PCs

- Any device/browser combination already supported by Maximo (so you can use the same application on your laptop and your iPhone)

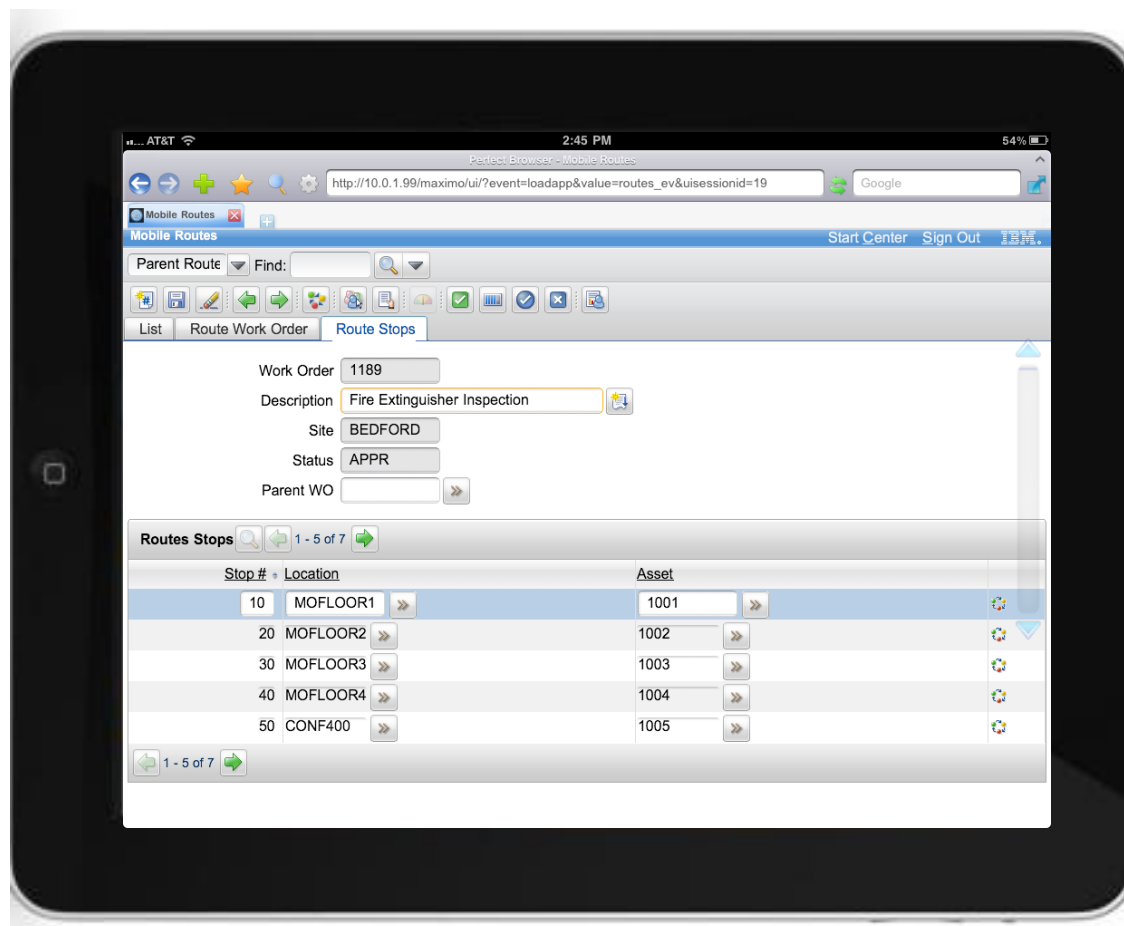
Reporting

- PDF and XLS reports can be viewed on a mobile device with ease

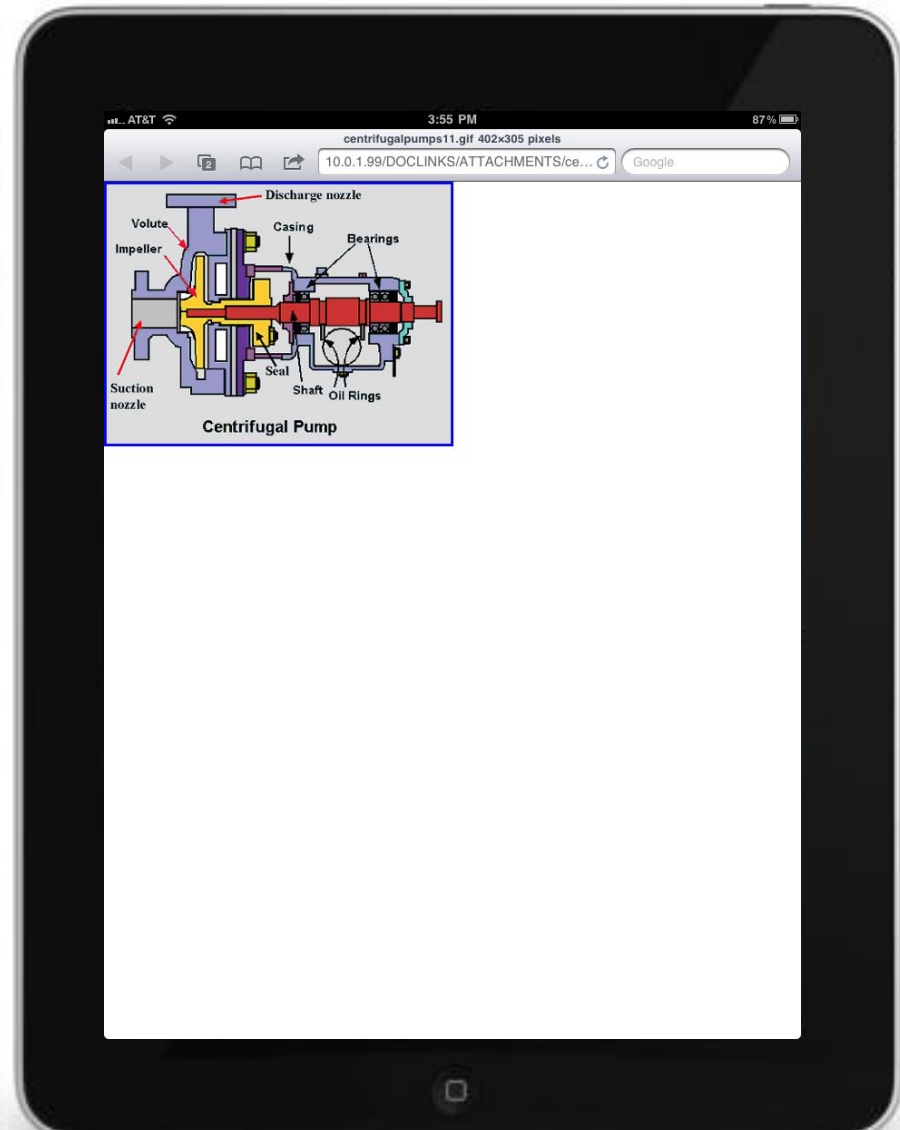
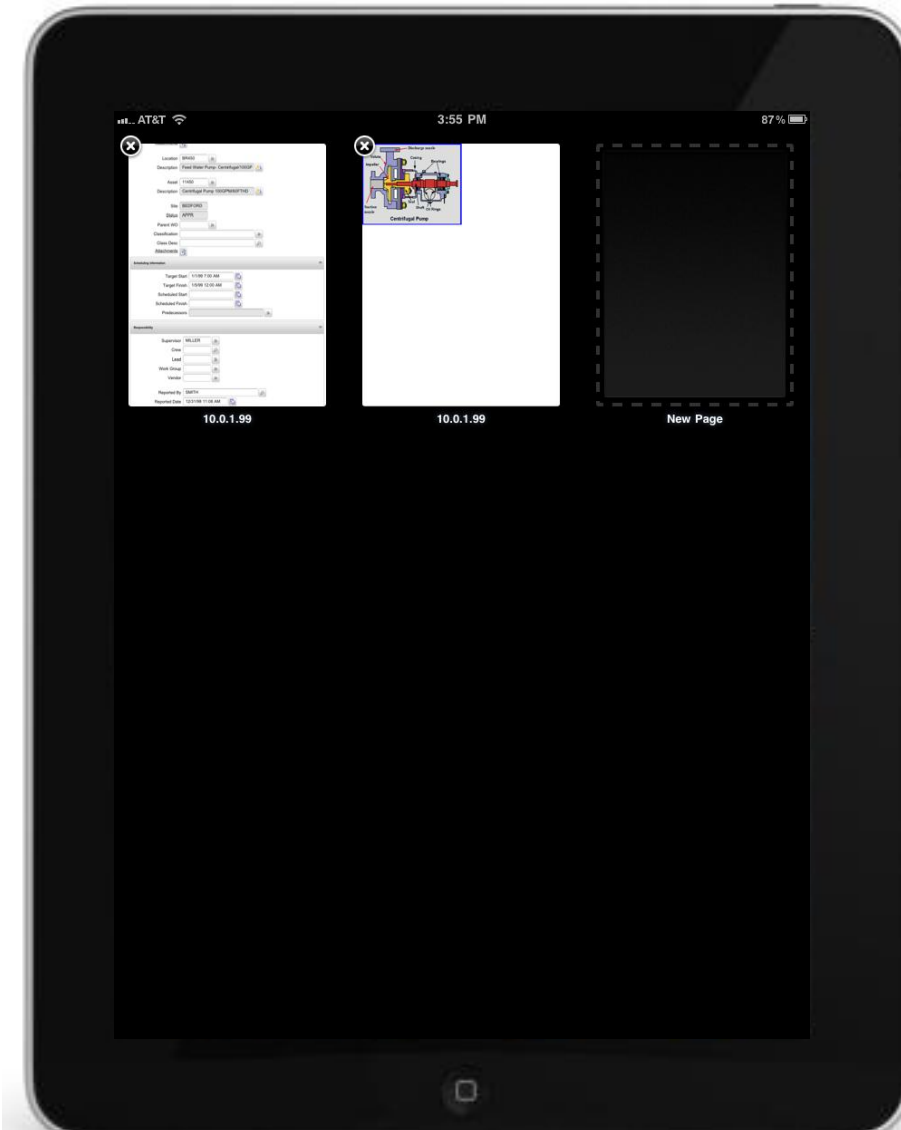


Route Rounds Management

- To be exhibited in real-time demonstration



Ability to view Attachments



Apple iOS Out-of-the-box supported attachments

- Apple iOS supports the following attachments out-of-the-box:
 - .jpg, .tiff, .gif (images); .doc and .docx (Microsoft Word); .htm and .html (web pages); .key (Keynote); .numbers (Numbers); .pages (Pages); .pdf (Preview and Adobe Acrobat); .ppt and .pptx (Microsoft PowerPoint); .txt (text); .rtf (rich text format); .vcf (contact information); .xls and .xlsx (Microsoft Excel)

- Several third party vendors offer additional attachment support

No other mobile solution offers a ***lower total cost of ownership (TCO)*** by:

- providing “*codeless*” *application configuration corresponding to any Maximo functionality*
- allowing use of the *same* application across *multiple* different devices/computers
- seamlessly upgrading* with your core IBM Maximo fixpack/version strategy
- providing the *lowest* initial capital investment

Don't take our word for it!

COMPUTERWORLD

 **Katonda**
Celebrating Business Technology

Datamation.

CIO

 **StockBriefings.Com**

ma Managing Automation®
Business Transformation + Advanced Technology = Progressive Manufacturing

NETWORKWORLD

PCWorld



**GOOD
GEAR
GUIDE**

InfoGrok
Business Intelligence Networks

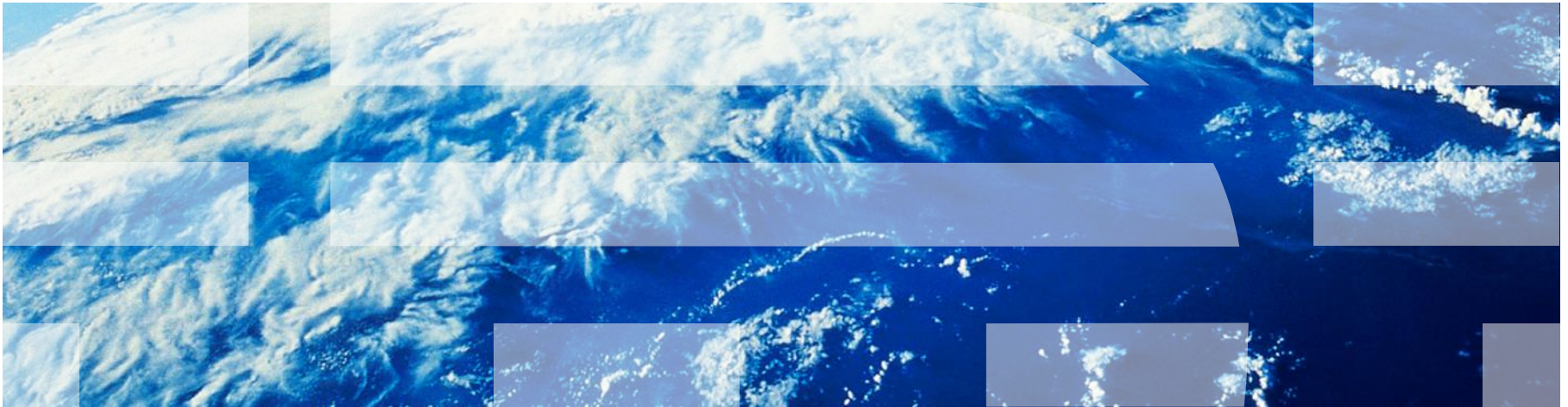
IPHONE BLOG

The Android Developer forum Blog
Collection of Android News and Blog

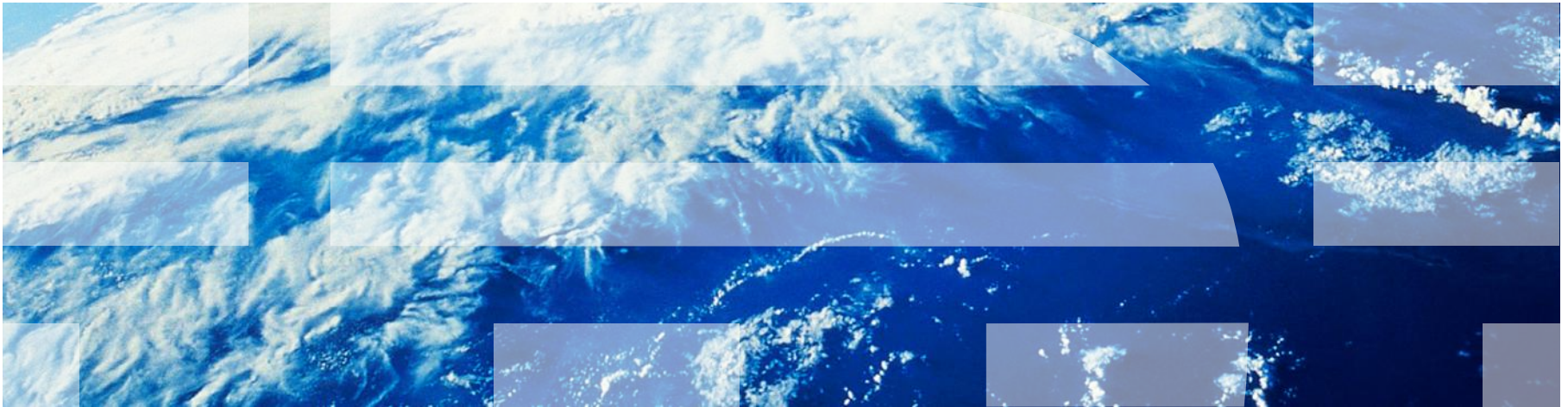
Dave Reynolds, Director of Fixed Assets and Reliability Systems,
University of Texas Medical Branch

“This service enables us to log and respond to requests throughout the campus and provides us more visibility into the lifecycle of our most important assets, in turn improving the work environment and quality of care at our facilities.”

Questions and further discussion



Backup Slides



Does it work on a Blackberry?

- No
- Only adds support for the Mobile Safari and Android browser
- Maximo Everyplace will work on devices using browsers we currently support like IE and Firefox, so devices like the Panasonic Toughbook as well as many tablet PCs are supported
- We intend to add support for more browsers and devices going forward.
 - Browsers using the webkit engine are the most likely targets as they seem to handle Maximo best, so the Blackberry Torch is a future target that we are evaluating now

Why Can't I Use Regular Maximo on my iPad?

- You could, but:
- The iOS browser is not an officially supported Maximo browser; that browser is supported for Maximo Everyplace, along with all the browsers that Maximo supports plus Android 2.1 and higher.
- Maximo is not designed to be interacted with on a touch screen. You may find some elements difficult to click accurately with your finger. Maximo Everyplace is designed to be used on a small touchscreen.

iOS: Supported protocols for VPN

iOS works with VPN servers that support the following protocols and authentication methods:

- L2TP/IPSec with user authentication by MS-CHAPV2 Password, RSA SecurID or CryptoCard, and machine authentication by shared secret.
- PPTP with user authentication by MS-CHAPV2 Password, RSA SecurID, or CRYPTOCARD.
- Cisco IPSec with user authentication by Password, RSA SecurID, or CRYPTOCARD, and machine authentication by shared secret and certificates. Cisco IPSec supports VPN On Demand for domains you specify during device configuration.
- Juniper Junos Pulse and Cisco AnyConnect, using the appropriate VPN app from the App Store. VPN On Demand is supported for domains you specify during device configuration.

iOS can use certificates in the following raw formats:

- PKCS#1 (.cer, .crt, .der)
- PKCS#12 (.p12, .pfx)

IBM Maximo Product Configuration Matrix

[http://www-](http://www-01.ibm.com/support/docview.wss?rs=3214&context=SSLKT6&q1=7014419&uid=swg27014419&loc=en_US&cs=utf-8%E2%8C%A9=en)

[01.ibm.com/support/docview.wss?rs=3214&context=SSLKT6&q1=7014419&uid=swg27014419&loc=en_US&cs=utf-8%E2%8C%A9=en](http://www-01.ibm.com/support/docview.wss?rs=3214&context=SSLKT6&q1=7014419&uid=swg27014419&loc=en_US&cs=utf-8%E2%8C%A9=en)

IBM Maximo Products																
Supported Platform Versions																
	Maximo Asset Management 6.2	Maximo Asset Management 7.1	Tivoli Asset Management for IT 7.1	Tivoli Asset Management for IT 7.2	Tivoli Provisioning Manager 7.1	Tivoli Provisioning Manager 7.1.1	Change and Configuration Management Database 7.1	Change and Configuration Management Database 7.2	IBM Tivoli Release Process Manager 7.1	Business Continuity Process Manager 7.1	Service Request Manager 7.1	Service Request Manager 7.2	Tivoli Policy Driven Software Distribution 7.1	Tivoli Service Automation Manager 7.2	Tivoli Service Automation Manager 7.2.1	Tivoli Foundations Service Manager 1.1
28	SUSE Linux Enterprise Server 9 (x86 64 bit)	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
29	SUSE Linux Enterprise Server 9 (zLinux)	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
30	SUSE Linux Enterprise Server 10 (x86 32 bit)	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
31	SUSE Linux Enterprise Server 10 (x86 64 bit)	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
32	SUSE Linux Enterprise Server 10 (zLinux)	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
33	SUSE Linux Enterprise Server 11 (x86 32 bit)	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
34	SUSE Linux Enterprise Server 11 (x86 64 bit)	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
35	SUSE Linux Enterprise Server 11 (zLinux)	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
36	Hypervisors															
37	PowerVM	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
38	PG/SM	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
39	ZVM	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
40	VMWare ESX Server 3	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
41	VMWare ESX 4/4i	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
42	KVM	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
43	Application Servers															
44	IBM WebSphere 5.0	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
45	IBM WebSphere 6.1	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
46	Oracle WebLogic Server 8.1	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
47	Oracle WebLogic Server 9.2	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
48	Oracle WebLogic Server 10.0,10.1 and 10.2	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
49	Oracle WebLogic Server 10.3 and higher	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
50	Java Runtime Environment 1.5 (Server)	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
51	Databases															
52	IBM DB2 UDB 8.2 for Linux, UNIX and Windows	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
53	IBM DB2 ESE 9.1 for Linux, UNIX and Windows	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
54	IBM DB2 ESE 9.5 for Windows	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
55	IBM DB2 ESE 9.5 for Linux - Does not support Linux 32bit OS	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
56	IBM DB2 ESE 9.7 for Windows	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
57	IBM DB2 ESE 9.7 for Linux - Does not support Linux 32bit OS	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
58	Oracle 9i v2	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
59	Oracle 10g Rel1	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
60	Oracle 10g Rel2	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
61	Oracle 11g Rel1	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
62	Oracle RAC 10g	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
63	Microsoft SQL Server 2000	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
64	Microsoft SQL Server 2005 (32 bit)	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
65	Microsoft SQL Server 2005 (64 bit)	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
66	Microsoft SQL Server 2008 (32 bit & 64 bit)	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
67	Networks & Client Operating Systems															
68	Internet Explorer 6.0.x**	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
69	Internet Explorer 7.0.x	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
70	Internet Explorer 8.0.x***	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
71	Mozilla Firefox 3.0.x.9	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
72	Mozilla Firefox 3.5	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
73	Windows Vista (x86-32 + x86-64)	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
74	Windows 7 Desktop	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
75	SUSE Linux Enterprise Server 10 (x86, 32-bit)	N/A	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
76	SUSE Linux Enterprise Server 10 (x86, 64-bit)	N/A	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
77	AIX 6.1 (64-bit)	N/A	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
78	Red Hat Enterprise Linux 5 (x86, 64 bit)	N/A	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
79	Windows XP Pro (Client)	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
80	Java Runtime Environment 1.5 (Browser)	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
81	Java Runtime Environment 1.6 (Browser)***	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
82	Network Utilities															
83	Acquire Server 8	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
84	BIRT 2.1.2	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****
85	BIRT 2.3.2	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****

Designing Maximo Everyplace Applications

- Start with an existing application. Clone it. (Or, create a new application 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

Implementation and Upgrades

- Extends key Maximo applications to mobile devices
 - Yet, no device overhead or additional middleware
- Extends Maximo business processes to mobile environment
 - Web protocols for data transfers
- Requires no separate server hardware or 3rd party software components
 - Further improves Maximo's overall TCO
- Familiar Maximo UI
 - Maximo users will immediately related to the mobile user interface
- Single point of administration and security
- NOTHING to install on your mobile hardware