IBM Asset Management Solutions
Product Direction and Roadmap

Maximo User Group Meeting
19 & 20 November, 2012 in Johannesburg
Agenda

- Maximo User Groups
- The Evolution of EAM
- The Maximo Roadmap
Maximo User Groups Around the Globe

IBM Pulse International User Group Meeting

Industry Focused User Groups
• Airport Maximo User Group
• Education Maximo User Group
• Facility Management Maximo User Group
• Global Maximo Oil/Gas User Group
• IBM Maximo Marine & Offshore User Group
• Life Sciences Maximo User Group
• Maximo Calibration Special Interest Group
• Maximo for Service Provider User Group
• Maximo ITSM User Group
• Maximo Manufacturing Users Group
• Maximo Rail Summit
• Maximo Transportation User Group
• Maximo Supply Chain User Group
• Maximo Utility Working Group

Asia Pacific
• Australian IBM Maximo User Group (in 5 locations)
• Hong Kong and Macau Maximo User Group
• Maximo User Group of Singapore
• New Zealand IBM Maximo User Group

Americas
• Chicago Area Maximo User Group
• DC Maximo User Group
• Florida Maximo Users Group
• Greater Atlanta Maximo Users Group
• Indianapolis Maximo User Group
• Las Vegas Maximo User Group
• Mountain West Maximo User Group
• NorthEast Working Maximo Users Group
• Northern California MAXIMO User Group
• Pacific Northwest MAXIMO Users
• Quebec Tivoli User Group – Groupe Francophone des Utilisateurs Maximo (GFUM)
• Rocky Mountain Maximo User Group
• Southern California Maximo Users Group
• Southern Ontario Maximo User Group
• Southwest Region Maximo User
• Western Canada Maximo User Group

Europe, Middle East and Africa
• Maximo UAE User Group
• Maximo User Group - UK & Ireland
• Maximo User Group Pakistan
• Tivoli Users Estonia (TUE)
Agenda

Maximo User Groups

The Evolution of EAM

The Maximo Roadmap
The Evolution of EAM

In the 1970’s
- Emergence of mainframe solutions
- Computerized Maintenance Management Systems (CMMS) created with consultants

In the 1980’s
- Emergence of desktop systems
- Continued use of CMMS systems, with consulting companies reselling custom systems
The Evolution of EAM

In the 1990’s

- Client server replace mainframe and desktop, combining both on a LAN
- Enterprise Asset Management (EAM) extends CMMS as a “COTS”

In the early 2000’s

- Internet Architecture – Java and .NET – with industry specific solutions
- “All In One” Systems from ERP companies
The Evolution of EAM

2010 AND BEYOND

- **Industry Frameworks**
  - Leveraging industry solutions from many parts of the business

- **Incorporating integration, optimization and analytics**
  - To broaden the solution and achieve greater value

- **Interconnected, Instrumented and Intelligent Systems**
  - For transforming the enterprise by leveraging smarter infrastructure

Create your own agenda for transformation by implementing each solution one project at a time.
Agenda

Maximo User Groups

The Evolution of EAM

The Maximo Roadmap
Maximo Product Roadmap
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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IBM is helping organizations embrace bold strategies to **Rethink IT**, and **Reinvent Business** services, processes, & relationships...

- **Optimize with Cloud**
  - Speeding service delivery from 45 days to 20 minutes

- **Extend to Mobile Devices**
  - Increasing sales with new promotions from 15% to 75%

- **Deploy Smarter Infrastructures**
  - Recognizing & repairing over 50% of issues before operations impact

- **Protect & Manage Data**
  - Reducing the time it takes to backup critical data by 80%
Smarter infrastructure is pervasive, thanks to improvements in economics and technical feasibility.

- **Transportation**
- **Facilities**
- **Plant/Production**
- **IT**
- **Linear assets**

Bridges have built-in sensors to monitor stress and indicate potential failure.

Smart buildings use building automation systems to optimize comfort, safety and energy consumption.

Locomotives and most ‘rolling stock’ have on-board computer systems using telematics for real-time diagnostics.
Maximo Development Objectives

<table>
<thead>
<tr>
<th>Development Principles: Customer Value</th>
<th>Development Focus</th>
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<tbody>
<tr>
<td>– <strong>Enhance Maximo</strong> best-in-class capabilities and solutions</td>
<td>– Continue to <strong>Enhance Version 7</strong> core capabilities, architecture, platform and technology</td>
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<td>– <strong>Drive innovation</strong> with input from customer groups, advisory councils and business partners</td>
<td>– <strong>Incremental Features</strong> and Value-add capabilities to extend Version 7</td>
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<td>– Continue to produce <strong>High Quality</strong> products; leverage customer input during every step of the development cycle</td>
<td>– Expand deep <strong>Industry Solution</strong> functionality and new Growth areas such as:</td>
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<td>– <strong>Protect customer investment</strong>; upgrades to future Maximo versions</td>
<td>• Intelligent Buildings</td>
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<td>– Commit to <strong>Open Standards</strong>: J2EE, SOA</td>
<td>• Safety, Risk and Compliance</td>
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<td>• Both IBM and non-IBM platform components</td>
<td>• Facilities Management/Space Planning</td>
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<td>– <strong>Leverage IBM products</strong> and technology</td>
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<td>IBM Asset Management Solution Portfolio</td>
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<td><strong>Maximo Industry Solutions</strong></td>
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<td>Utilities</td>
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<td>Transportation</td>
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<td>Life Sciences</td>
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<td>Nuclear</td>
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<td>Oil &amp; Gas</td>
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<td><strong>Maximo Asset Management</strong></td>
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<td>Asset Management</td>
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<td>Purchasing</td>
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<td>Contract Management</td>
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<td><strong>Configuration/Workflow</strong></td>
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<td><strong>Reporting / Cognos Integration</strong></td>
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<td><strong>Integration Framework</strong></td>
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<td><strong>Maximo Optional Modules</strong></td>
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<td>SAP Adaptor</td>
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<td>Oracle Adaptor</td>
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<td>MS-Project Adaptor</td>
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<td>Primavera Adaptor</td>
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<td><strong>Maximo Mobility</strong></td>
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<td>Everyplace</td>
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<td>Maximo Mobile</td>
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<td>SMART for Maximo</td>
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<td><strong>ISM Downloads</strong></td>
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<td>Filenet Integration</td>
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<td>Email Integration</td>
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<td>BIM Integration</td>
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<td><strong>Allied Solutions</strong></td>
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<td>Tririga SMARTER Buildings Solutions</td>
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<td>Smart Cloud Control Desk Mgmt</td>
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<td>Tririga Energy Optimization</td>
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<td><strong>Add-On Modules</strong></td>
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<td>Linear Assets</td>
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<td>Calibration Manager</td>
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<td>Service Provider</td>
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<td>Spatial</td>
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<td>Health, Safety Environment</td>
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<td>Scheduler</td>
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<td>Real Time Asset Locator</td>
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<td>Asset Configuration Manager</td>
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Maximo Asset Management

Release Deliverables & High-level Themes

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<th>Maximo 7.1</th>
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<tr>
<td>GA May 2008</td>
<td>GA April 2011</td>
<td>2012</td>
<td>2013</td>
<td>2014</td>
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- **Enhanced Asset Management**
  - Linear Assets
  - Nested Job Plans
  - Flow Control
- **Industry Solutions**
- **Administration**
  - Migration Manager
  - Dynamic User Interface
  - Enhanced Integration
- **Supply Chain Management**
- **Health, Safety & Environment Manager**
- **Industry Solution & Add-on updates**
- **Configuration & Administration**
  - Automation Scripting
  - Application Data
  - Export/Import
  - Enhanced Migration Manager
- **Real Estate & Facilities Management**
- **Advanced Scheduling**
  - Assigning, Dispatching, Routing
- **Field Workforce Management**
  - Field technicians
  - Public Maps
  - Service Locations
- **Industry Solutions**
  - Nuclear
  - Utilities
  - Service Provider
- **Scheduling**
  - Optimization and automation
- **Mobile Applications**
  - New platform technology
  - Work Mgmt.
- **Analytics**
  - SPSS
  - iLog
  - Cognos
- **Industry Solutions**
  - ACM
  - Transportation
  - Oil & Gas/HS&E
- **APM**
  - Predictive Maintenance
- **Mobile**
  - Additional Applications
  - Industry Solutions
- **Enhanced Financial Capabilities**
  - Budgeting
  - Depreciation
  - Cost Distribution
  - Manifesting & Logistics

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Questions
Thank You