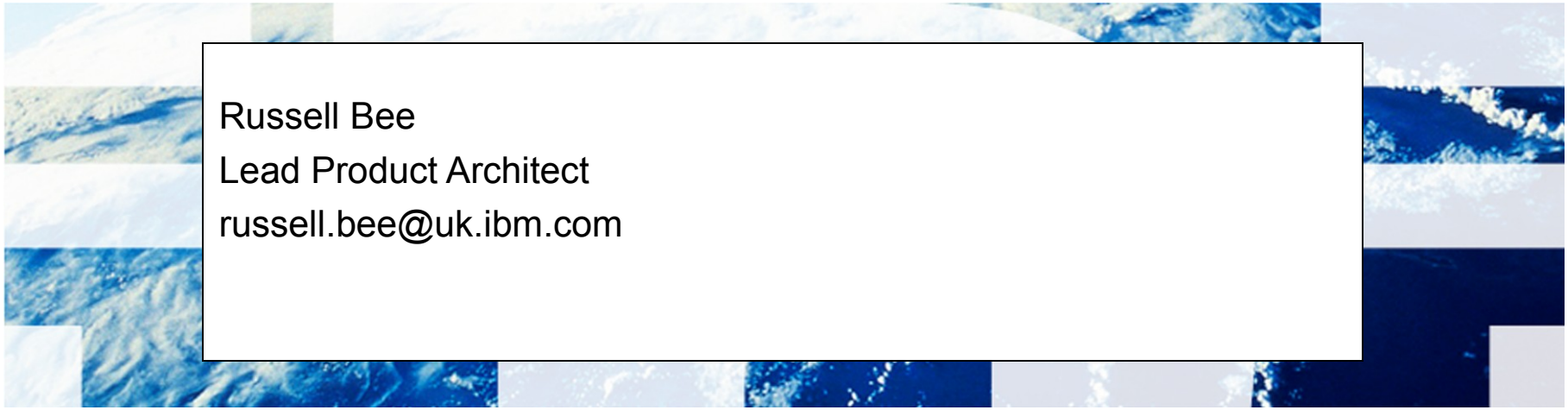
Tivoli software

IBM

Support Technical Exchange
Maximo 7.5 Upgrade Planning for:
Maximo Oil and Gas
Maximo HSE Manager



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Abstract

This STE event focuses on the functional capabilities available to customers with Maximo Oil and Gas and Maximo HSE Manager when planning an upgrade to Maximo 7.5. We will cover the capabilities progressively as they have been added through previous releases. The differences between Maximo Oil and Gas and the new Maximo HSE Manager product will be highlighted. The presentation will conclude with a brief summary of technical items associated with an upgrade.

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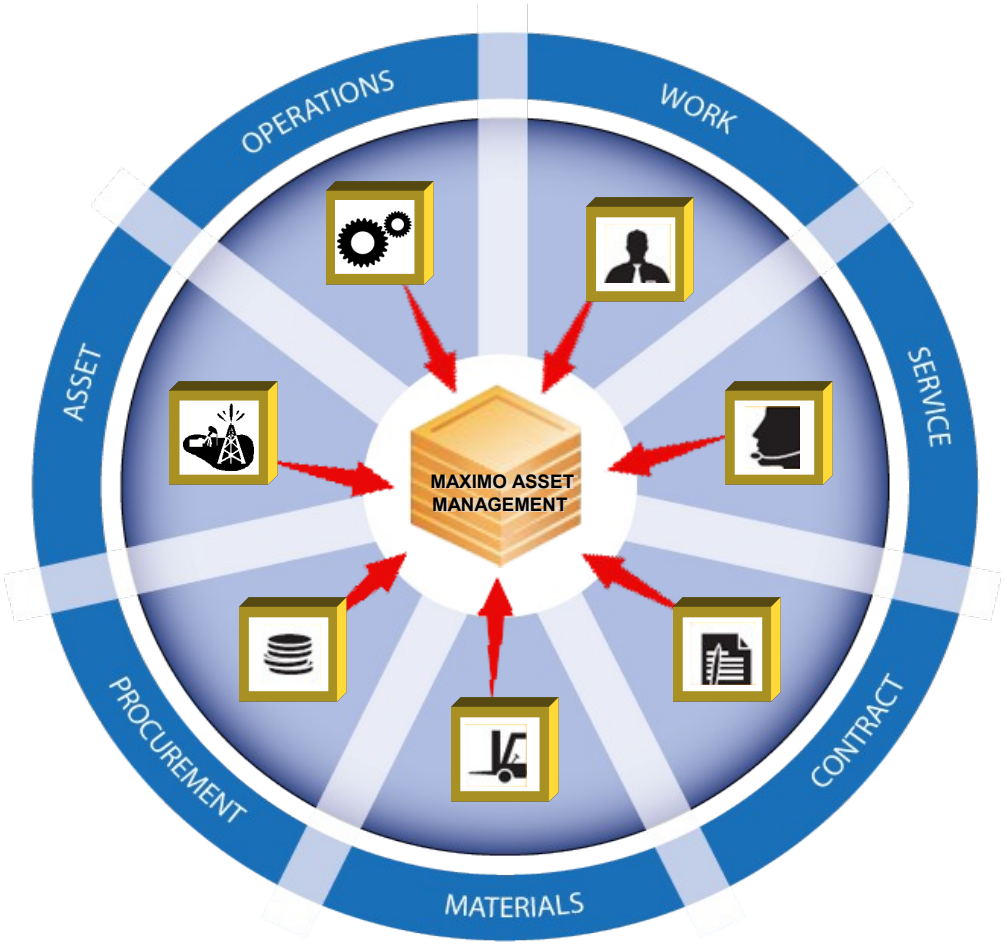
Context



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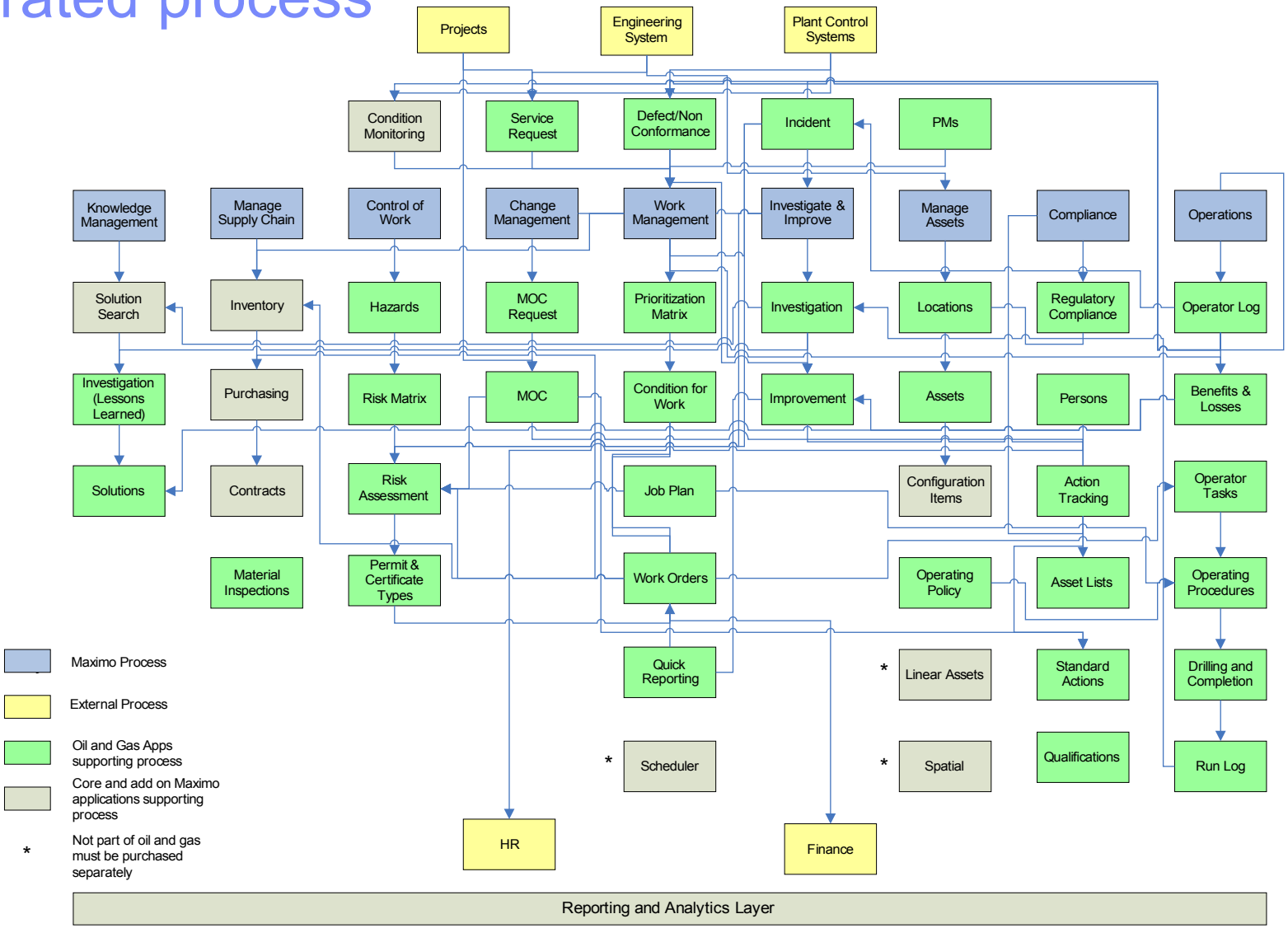
Integrated process



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Maximo for Oil and Gas – Capability

Release 5.2

GA: April 2011

Services only offering

- ISO I4224 Failure Codes
- ISO14224 Asset Specifications

Maximo 7.X

Release 6.1

GA:

- ISO I4224 Failure Codes
- ISO14224 Asset Specifications
- Prioritization Matrix
- Condition for Work
- Regulatory Compliance
- Location details

Maximo 7.X

Release 6.3

GA:

- Incidents
- Defects
- Investigations
- Benefits and Losses
- Improvements
- Solutions
- Location enhancements

Maximo 7.X

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Maximo for Oil and Gas – Capability Summary

Release 7.1.0

GA: Sep 28, 2008

- ISO14224:2006 support
- Management of Change
- Action Tracking
- Standard Actions
- 6 to 7 upgrade

Release 7.1.1

GA: Dec 2009

- Control of Work
- Permit and Certificate Types
- Risk Analysis
- Risk Matrices
- Operator's Log
- Standard Action Groups
- Maximo Spatial Integration
- Support for MIMOSA
- Miscellaneous enhancements
  - Hazards
  - MOC Risks and Projects
  - Target Availability
  - Legacy Tag
  - Bad Actor Dialog
  - Service Request (Oil)

Release 7.1.2

GA: Nov. 2010

- Operating Policies
- Operating Procedures
- Operator Tasks
- Cause Analysis/FMECA
- Drilling and Completion
- Run Log
- Material Inspection
- Operator Log Enhancements
- Scheduler integration
- MOC enhancements
- Miscellaneous enhancements
  - Extra failure fields
  - Incident impact
  - Regulations extra where used

Maximo 7.1 | Maximo 7.1 | Maximo 7.1

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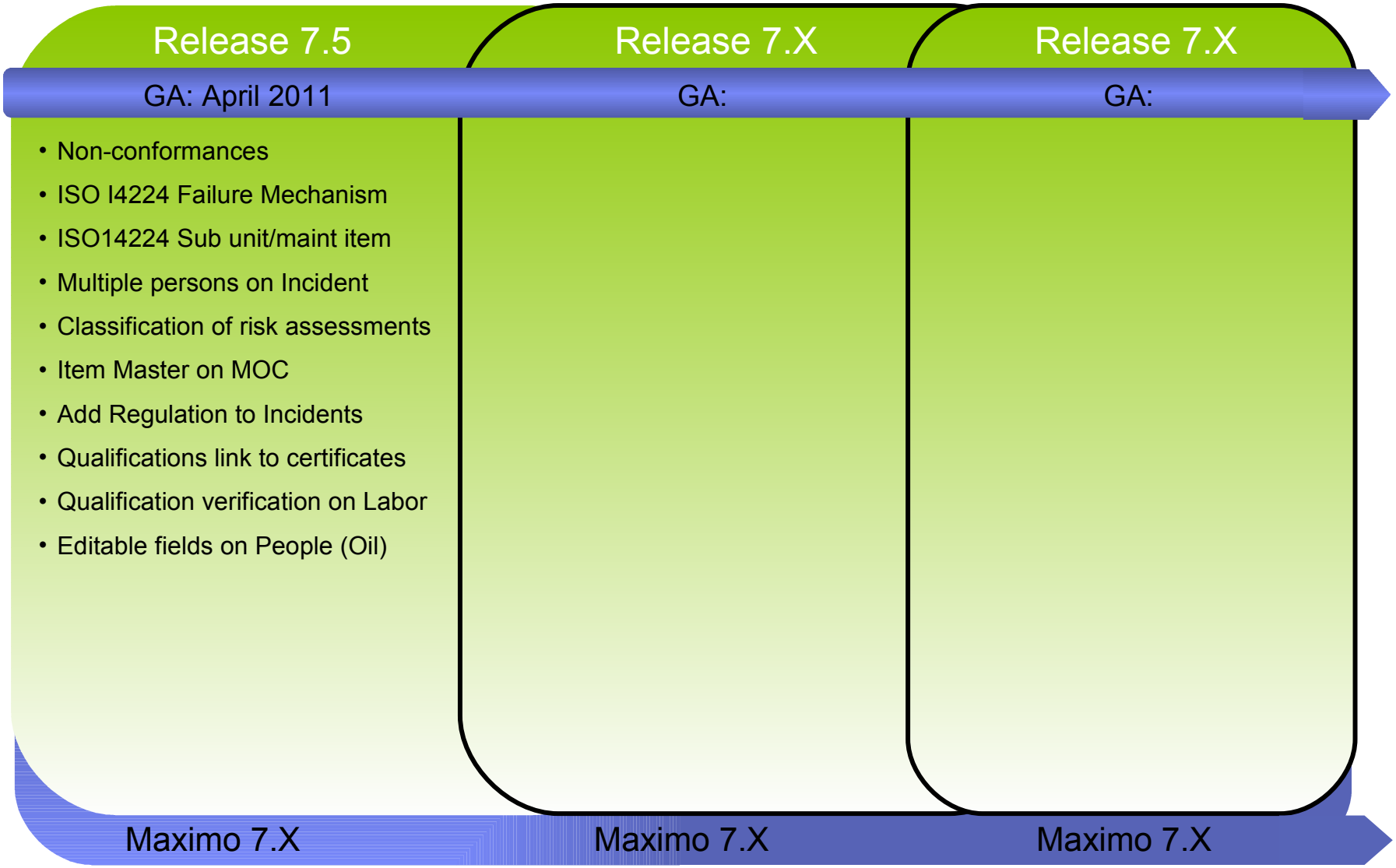
Maximo for Oil and Gas – Capability



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HSE Manager

- 1ST release (7.5.0) available on 7.5. only
- Contains everything in Oil and Gas other than:
  - ISO14224 failure codes and asset classifications
  - Non-generic ISO14224 domains on Locations
  - Drilling and Completion
  - Run Log

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Oil and Gas/HSE Manager considerations

- Everything that is in HSE Manager is in Oil and Gas
- Therefore there is no provision to add HSE Manager to an installation that already contains Oil and Gas
- For Maximo 7.5.0 is is not possible to and Oil and Gas to an existing HSE Installation – From 7.5.1 this will be possible
- Most oil and gas customers would want to use Maximo Oil and Gas because of the availability of ISO14224 data
- Non Oil and Gas customers requiring HSE capability but not yet on Maximo 7.5 can install Maximo Oil and Gas but would then be best to stay with the Oil and Gas product

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Technical upgrade considerations

- Upgrades follow standard core product upgrades
- No specific upgrades for oil and gas columns other than those required to support core product releases
- No additional hardware requirements over and above core product
- Product documentation can be located on the IBM public site http://pic.dhe.ibm.com/infocenter/tivihelp/v49r1/index.jsp?topic=%2Fcom.ibm.oil.doc%2Fwelcome.html

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