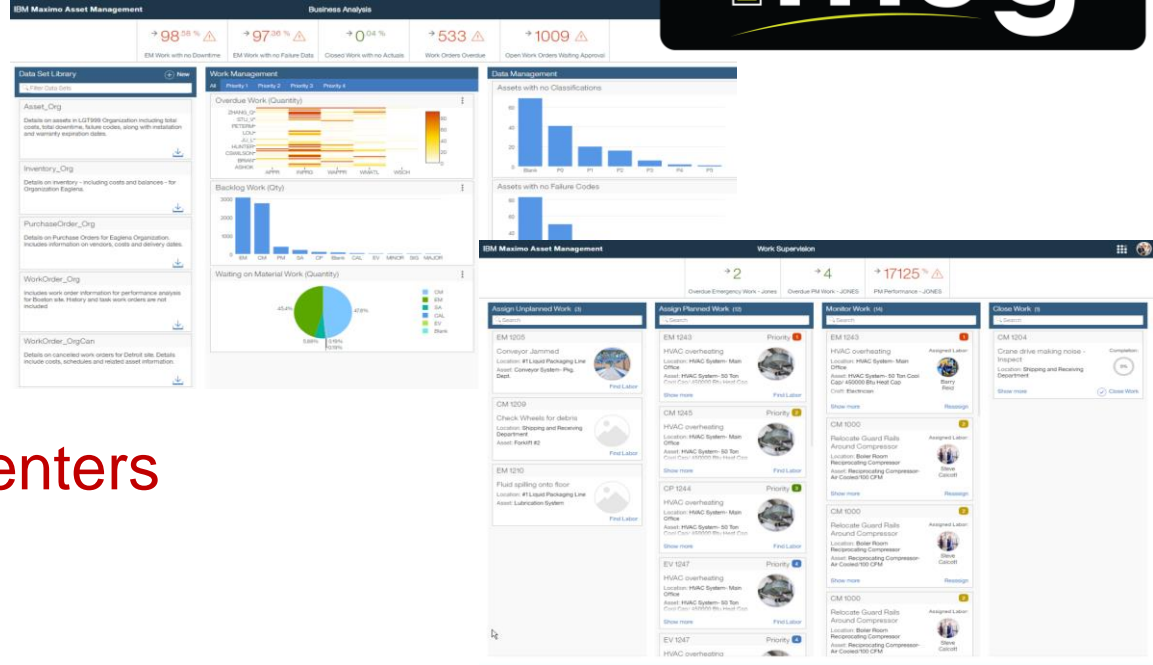PERFICIENT®

vision. execution. value.

IBM 7.6.0.5+ Work Centers

- Work Supervision

- Work Execution

- Inspections

November 2017 IMUG

Chad J. Stringer

IMUG Work Centers and Inspections Agenda


Work Centers Overview

Inspections

Coming Soon

Q&A

Work Centers Overview

Maximo 7.6.0.5, IBM added the new Work Centers

- Deploy new EAR files (maximo-x)
- Limited Functionality
- Need to assign multiple, time intense security rights to each required User Group

Maximo 7.6.0.8 Updated

- Deploy new EAR files (maximo-x)
- New security 'Templates' for Business Analyst, Work Supervisor, and Work Execution to more easily assign necessary rights to the maximo-x Object Structures
- Still limited functionality
- Inspections
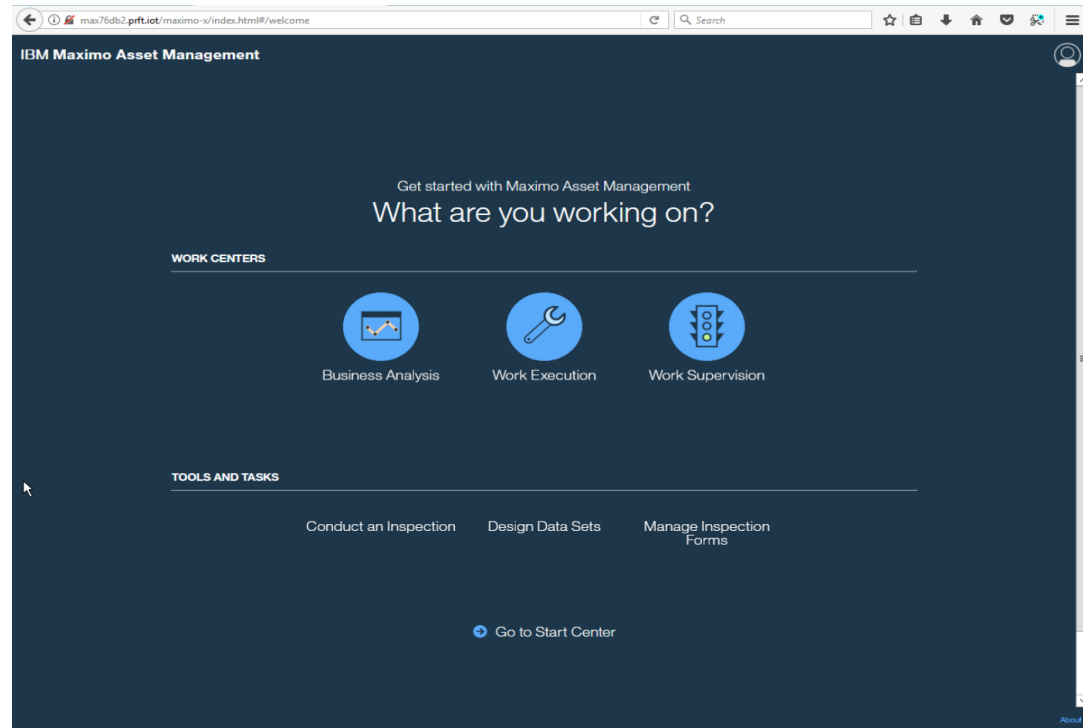
Business Analyst Work Center
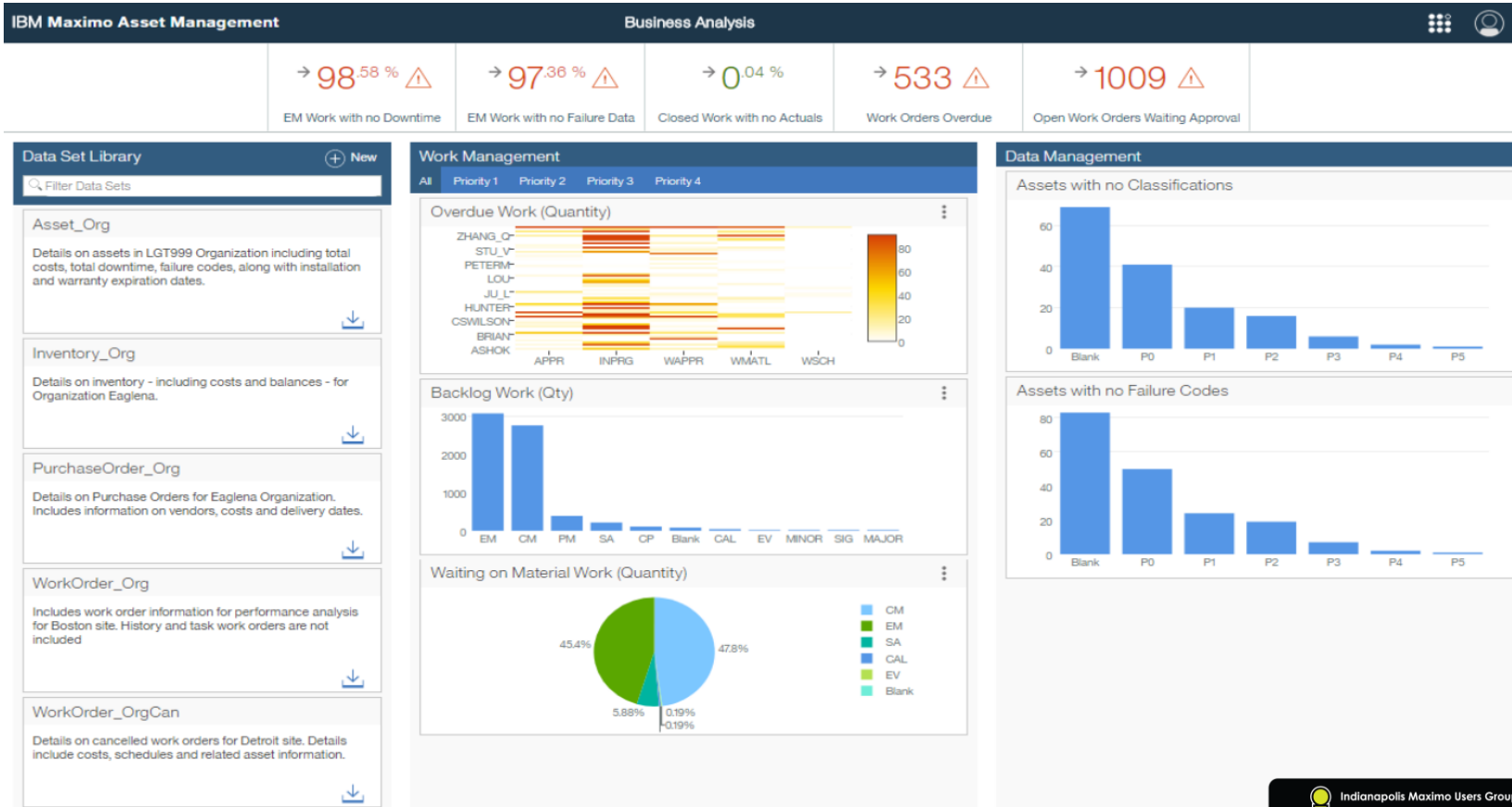
Business Analyst Work Center

Analyze Trends

Manage Work

- Efficiency
- Schedule compliance
- Supply rates
- Inventory balances

KPIs to Monitor Data (fixed set)

Create your own Data Sets and connect to Watson, or download as CSV.

- Receive Data Quality Scores that detail which attributes are incomplete or imbalanced
- Explore data using Watson Analytics Natural Language Processing
- Create visual, dynamic dashboards of Maximo data
- Identify key components that influence data to determine which attributes influence your processes

*To date, the vast majority of IBMs YouTube videos and configuration 'how-to's' cover only the Business Analyst role and its ties to IBM Watson Analytics. As this is already well covered, links to IBMs video series is included in the references section. **This is not covered today.***

PERFICIENT vision. execution. value.

Work Supervisor Work Center

Work Supervisor Work Center

- Manage the Workloads of a Team of Technicians

- Assign Work to Labor

- Monitor Work in Progress

- Close Completed Work

- KPIs to Monitor Performance (fixed set)

Assign Unplanned Work
No planned labor or Crafts
Status independent
Target dates do not matter

Assign Planned Work
Craft assigned but no labor
Target date does not matter

Monitor Work
Assignments made to Labor
Status Independent

Complete Work
Status COMP
User listed as Supervisor
Displays actuals if recorded

Work Execution Work Center (Technicians)

Work Execution Work Center (Technicians)

Very Limited Functionality in Current Form

- Start Assigned Work
- Complete Assigned work
- KPIs to monitor performance (fixed set)

The current iteration does not allow for Failure Reporting or Work Logs to be recorded from the Work Execution screen. This is a simplified 'START' and 'COMPLETE' only tool.

For Maximo 7.6.0.9+, Work Centers will be greatly improved

- Add for failure reporting
- Work Log entries
- Attachment of photos and videos, adding labor (actual time)

Inspections Work Center in 7.6.0.8

An inspection is:

- a checking or testing against established standards

- the act of looking at something carefully to check that everything is correct and legal

- an examination by a specially trained person

Inspection Process

Plan (Create the Form)
- What information will be collected in the field?
- What are the expected results?
- How often is the information required?
- Work Order required?

Execution (Conduct Inspection)
- Record Results
- Enter Results

Analyze (Review Completed Inspections)
- Compare / Analyze Results
- Find Expected Results?

Act
- Corrective Work
- Further Inspection
- Refurbishment / Replacement
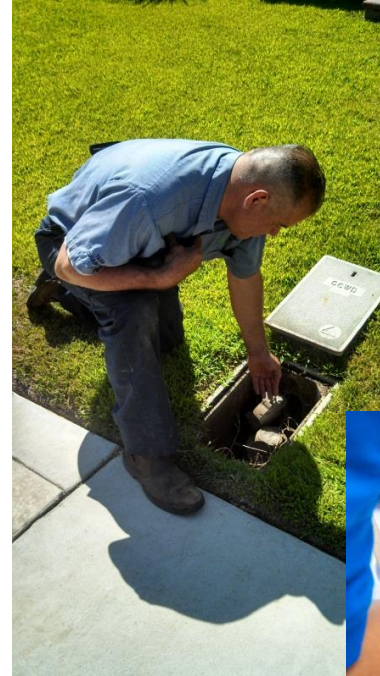
Demo – Execute / Review an Unscheduled Inspection

Inspections Execution Use Cases

7608 release:

- Execute an adhoc † (unplanned) inspection without a work order

7609 release:

- Execute a scheduled* inspection as part of a work order

- Execute an adhoc † (unplanned) inspection as part of a work order

Future release:

- Execute a scheduled* inspection without a work order

* a form is automatically generated as a single event or based on a repeating frequency

† the inspector can select and initiate an inspection at any time

…Information regarding potential future products is intended to outline IBM's general product direction and it should not be relied on in making a purchasing decision….

Inspections Work Centers – Coming Soon!

7.6.0.9 – planned December 2017

- Meter Readings
- Images and Video as Attachments
- Maximo Classic Access to Assets and WOs
  - View Work Details → Inspection Tab
  - Create Inspections within Asset/Location App
- Inspection Forms can be added to Job Plans/Routes/Cond Mon, etc.
- Ability to Report Multiple Results at Once
- More..

(May Not Happen in This Order and Could Change!)

7.6.0.9+ (Future)

- Location awareness
- Integration to Watson Visual Recognition
- Extend Inspection processes to other Maximo modules
  - Inventory receiving
  - Industry solutions
- List continues to grow with client and BP interaction

…Information regarding potential future products is intended to outline IBM's general product direction and it should not be relied on in making a purchasing decision….

Work Centers – Planned for December 7.6.0.9 Release

Work Supervision

- Closed Work view by Date Range
- List of closed Work Orders similar to classic Maximo to review Closed Work
- More information/tiles on main screen

Work Execution

- KPIs removed – little value, excessive screen real estate
- Add details to Work Orders
  - Add Comments to Work Logs
  - Failure Reporting
  - Attached Docs – Add Images and videos (for tablets in the field)
  - 'Stop' or 'Complete' buttons
  - Ability to pause work
  - Add actual labor time, not just the stop/start buttons

Work Centers – Helpful Links

- Work Centers Home
https://www.ibm.com/support/knowledgecenter/SSLKT6_7.6.0.7/com.ibm.mbs.doc/workcntr/c_ctr_workcntrs.html

- Business Analysis Work Center
https://www.ibm.com/support/knowledgecenter/SSLKT6_7.6.0.7/com.ibm.mbs.doc/workcntr/c_bus_analyst_wrkscape.html

- Work Supervision Work Centers
https://www.ibm.com/support/knowledgecenter/SSLKT6_7.6.0.7/com.ibm.mbs.doc/workcntr/c_supervisor_work_center.html

- Work Execution Work Centers
https://www.ibm.com/support/knowledgecenter/SSLKT6_7.6.0.7/com.ibm.mbs.doc/workcntr/c_tech_work_center.html

- PRFT – IBM Blogs
http://blogs.perficient.com/ibm/2017/06/01/improve-your-performance-with-the-new-inspection-work-centers/

- Business Analyst Work Center series by Pam Denny (13 videos)
https://www.youtube.com/watch?v=u90paGIEZrs