

Maximo Asset Management Scheduler

Overview

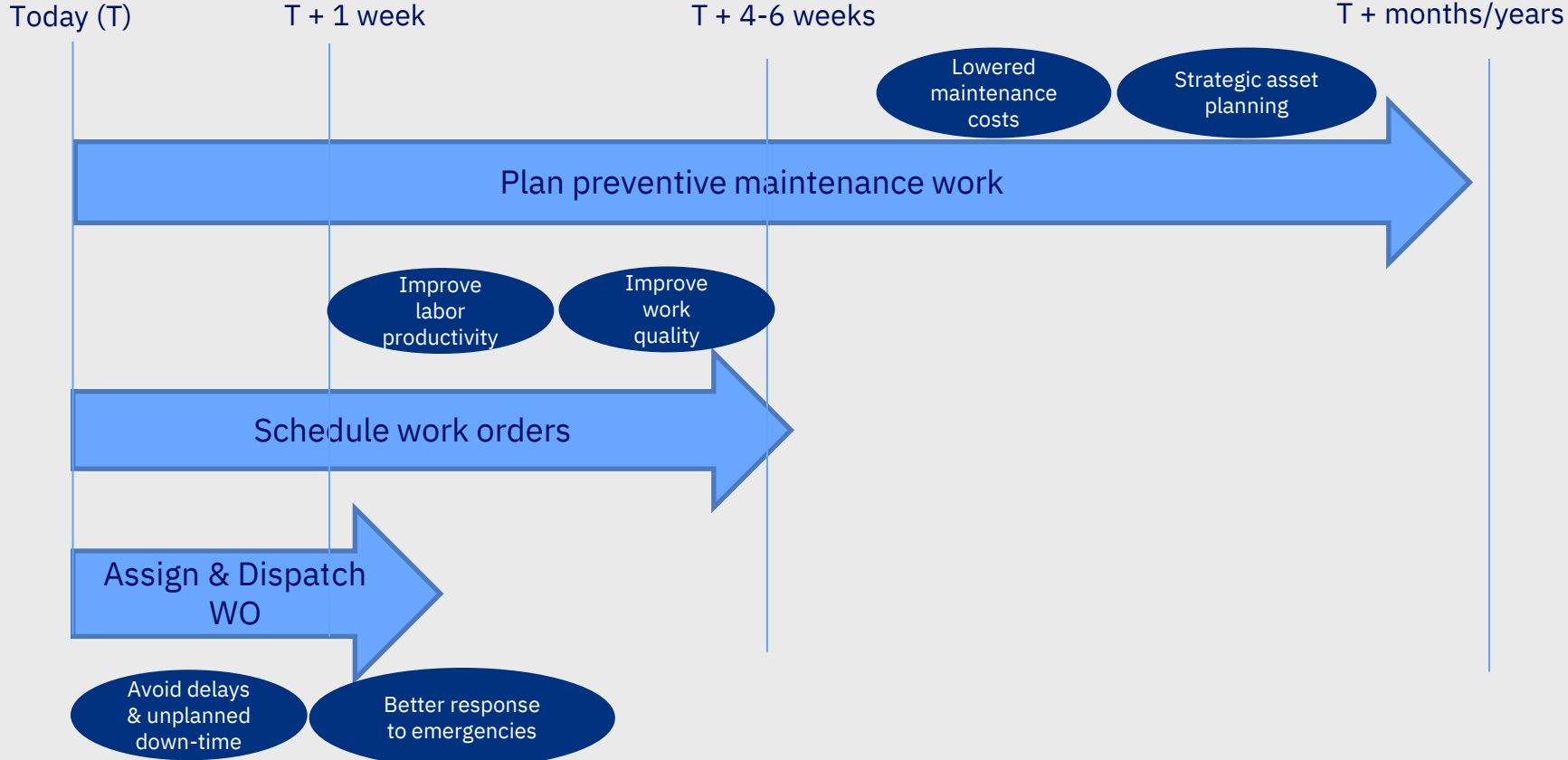
Brian Downey, Maximo Product Manager
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Topics

- Planning and Scheduling challenges in EAM
- Personas and Use-cases
- Architecture & Data Entities
- Capability Highlights
- Resources
- Demo



Planning and Scheduling in EAM



Target Personas



Energy & Utilities



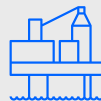
Industrial



City/States



Transport



Oil & Gas

Ed

Maintenance Supervisor

“How do I keep my crew highly utilized as well as be prepared to for emergencies”

Brianna

Planning/Scheduling Analyst

“Are our schedules in compliance with the KPIs for the quarter & year”

Ben

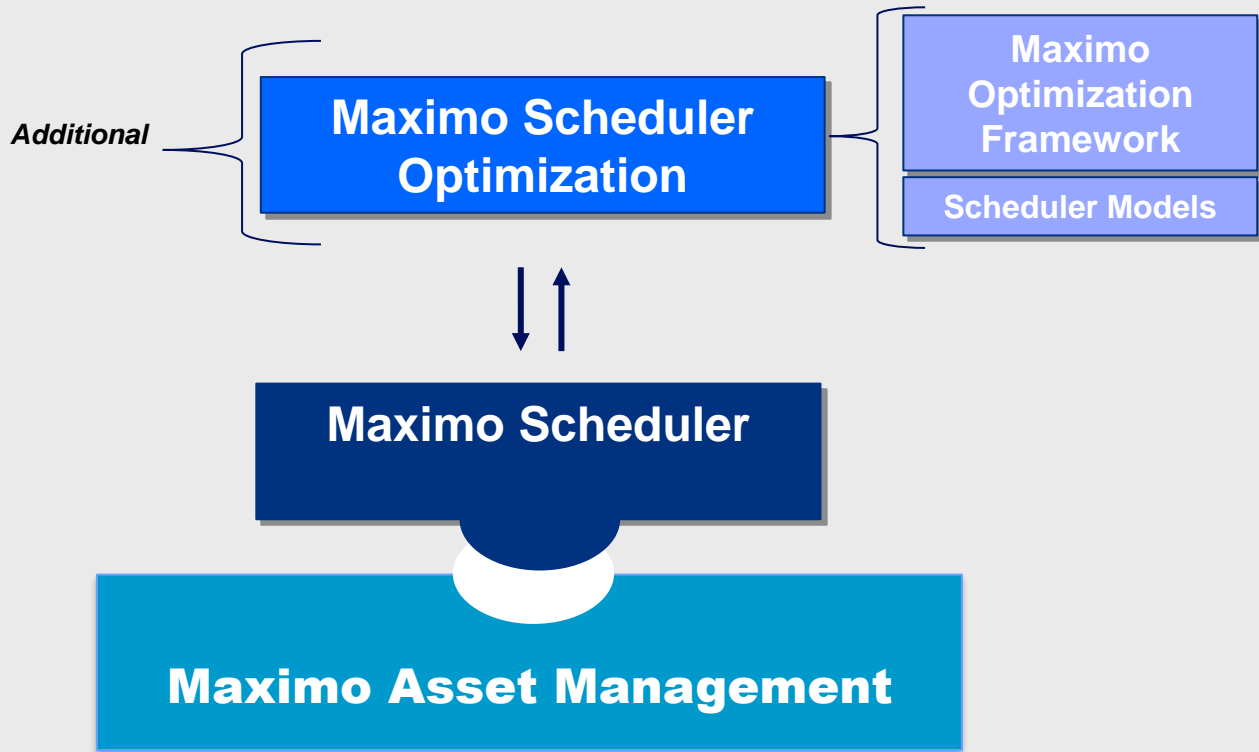
Crew technician

“I would like to complete this job well, on-time, easily update the office and move on to the next job”

Role based Applications

Application	Roles
Graphical Scheduling	Planning/Scheduling Analyst
Graphical Scheduling – Large Projects	Planning/Scheduling Analyst
Graphical Work Week	Scheduling Analyst/Supervisors
Graphical Resource View	Scheduling Analyst/Supervisors
Graphical Assignment	Supervisors/Dispatchers
Graphical Assignment - Repair Facility	Repair Facility Supervisors
Graphical Crew Management	Supervisors
Everyplace Mobile Templates	Supervisors/Field Technicians
Graphical Appointment Book	Customer Service Representatives

Maximo Scheduler Architecture



Maximo Scheduler Optimization

- A new Optimization solution integrate with Maximo Scheduler 7.6.8
- Maximo Optimization Framework that supports Scheduler Models

Scheduler 7.6.8

- Add-on product to Maximo EAM, code embedded in core Maximo therefore a single install
- Requires a separate license purchase
- Includes integration to Maximo Optimization Framework

Maximo

- 7.6.1.2 fix pack level

Graphical Work Week

- Scheduling and assigning work in one application
 - Load and Availability at the craft and crew type level
 - Select one or more assignments and double click to assign to a labor/crew over one or more days
 - Select reason code and double click to adjust availability; color coded

The screenshot displays a software interface for managing work assignments. It is divided into two main sections: a task list and a resource availability grid.

Task List Section:

Work	Task	Description	Duration	Resources	Status	Start Date	End Date
BOSB1301	Build in-bay Covers	1:00	Water Maintenance Crew 2	ASSIGNED	6/15/21 12:45 PM	6/15/21 1:45 PM	
BOSA1299	Build in-bay Covers	1:45	Over Head Line Crew 5	ASSIGNED	6/15/21 11:30 AM	6/15/21 1:15 PM	
BOSA1214	Build out-bay Work Platfo	1:00	Jack Fordrick	ASSIGNED	6/14/21 12:30 PM	6/14/21 1:30 PM	
BOSB1214	Build out-bay Work Platfo	1:00	Fredrick Stanmitter	ASSIGNED	6/15/21 3:00 PM	6/15/21 4:00 PM	
BOSB1297	Building Inspection	1:00	Over Head Line Crew 2	ASSIGNED	6/15/21 2:30 PM	6/15/21 3:30 PM	
BOSA1229	Building Inspection	0:45	Over Head Line Crew	WAITASGN	6/14/21 1:30 PM	6/14/21 2:15 PM	
BOSB1195	Carpentry Installation	2:00	De Liberson	ASSIGNED	6/15/21 9:15 AM	6/15/21 11:15 AM	
BOSA1195	Carpentry Installation	1:30	Mikey Wilsonart	ASSIGNED	6/14/21 9:30 AM	6/14/21 11:00 AM	
BOSA1223	Check Pressure	1:00	Evan Henry-Black	ASSIGNED	6/14/21 3:30 PM	6/14/21 4:30 PM	

Resource Availability Grid Section:

Resourc	Description	Allocatio	Skill Level	Shift	Crew Work Gro
CARP	Carpenter				
BOSLIBER	De Liberson	55%	FIRSTCLASS	DAYS	
ELECT	Electrician				
BOSFORD	Jack Fordrick	57%	FIRSTCLASS	DAYS	
BOSHUNT	Jimbo Hunterson	58%	FIRSTCLASS	DAYS	
BOSWILSO	Mikey Wilsonart	56%	FIRSTCLASS	DAYS	
MECH	Mechanic				
BOSHENRY	Evan Henry-Black	66%	FIRSTCLASS	DAYS	
BOSSTAN	Fredrick Stanmitter	33%	SECONDCLASS	DAYS	
BOSDHL	Over Head Line Crew				

The right side of the interface features a calendar grid for June 2021 (Week 25), showing dates from Sun/13 to Sat/19. The grid uses color-coded bars to represent work assignments for each resource, with colors corresponding to the resource's shift or status.

Graphical Resource View

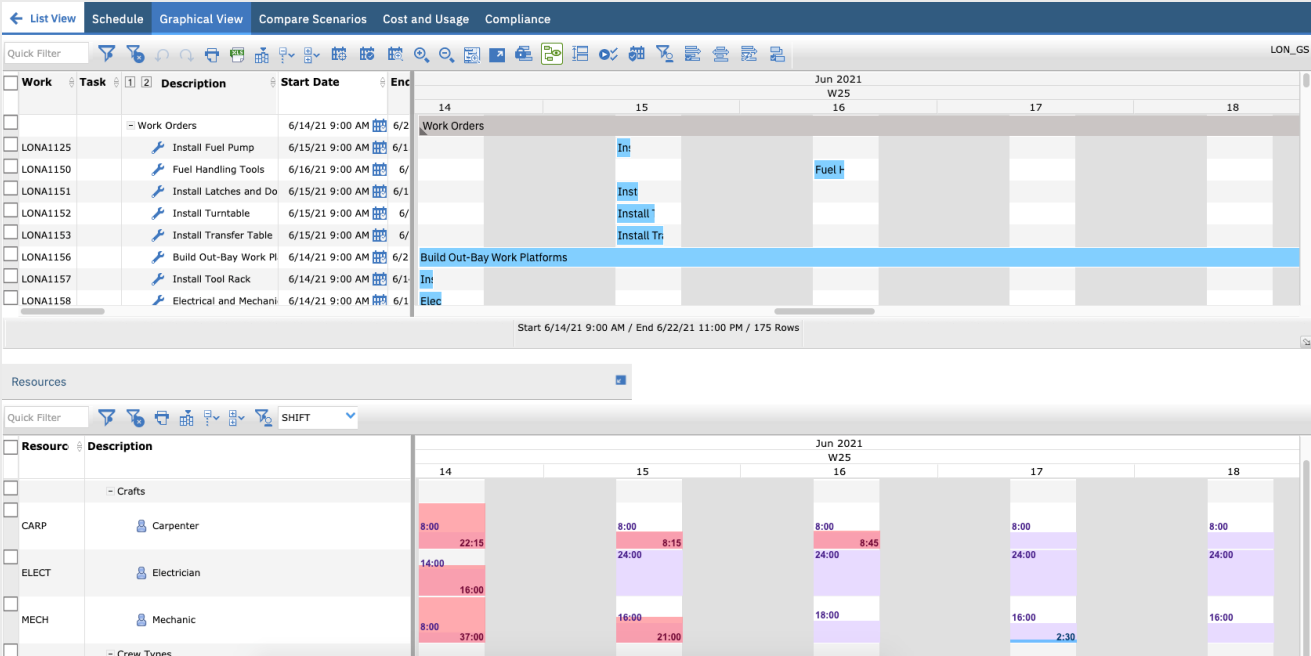
- Manage your whole team's working time in one calendar view
- Configurable exception codes and colors
- Quickly specify a person's vacation week; someone's overtime; or, book several people into training time together in a few clicks.

Quick Filter: 🔍 🏠 📅 👤 🔗 🔍 🔍 🔍 🔍 VAC Full Day

Description	Aug 2020 W32							Aug 2020 W33							Aug 2020 W34					Aug 2020 W35					Aug 2020 W36...						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31...
- Electrical Technician	0	0	64	64	64	64	56	0	0	64	72	72	72	72	0	0	64	64	64	64	64	0	0	66	72	72	72	72	0	0	72
Tanya Acosta	-	-	D	D	D	D	D	-	-	A	A	A	A	A	-	-	N	N	N	N	N	-	-	D	D	D	D	D	-	-	A
Judah Garrison	-	-	A	A	A	A	A	-	-	N	N	N	N	N	-	-	D	D	D	D	D	-	-	A	A	A	A	A	-	-	N
Alex Head	-	-	N	N	N	N	N	-	-	D	D	D	D	D	-	-	A	A	A	A	A	-	-	N	N	N	N	N	-	-	D
Erin Montgomery	-	-	D	D	D	D	D	-	-	A	A	A	A	A	-	-	N	N	N	N	N	-	-	D	D	D	D	D	-	-	A
Paula O'neil	-	-	A	A	A	A	A	-	-	N	N	N	N	N	-	-	D	D	D	D	D	-	-	A	A	A	A	A	-	-	N
Lauren Pham	-	-	N	N	N	N	N	-	-	D	D	D	D	D	-	-	A	A	A	A	A	-	-	N	N	N	N	N	-	-	D
Seb Ryan	-	-	D	D	D	D	D	-	-	A	A	A	A	A	-	-	N	N	N	N	N	-	-	D	D	D	D	D	-	-	A
Lester Thorpe	-	-	A	A	A	A	A	-	-	N	N	N	N	N	-	-	D	D	D	D	D	-	-	A	A	A	A	A	-	-	N
Viola Tyler	-	-	N	N	N	N	N	-	-	D	D	D	D	D	-	-	A	A	A	A	A	-	-	N	N	N	N	N	-	-	D
- Interior Technician	0	0	40	40	40	40	40	0	0	24	32	32	32	32	0	0	40	40	40	40	40	0	0	40	40	40	40	0	0	40	
Rayhan Carpenter	-	-	D	D	D	D	D	-	-	A	A	A	A	A	-	-	N	N	N	N	N	-	-	D	D	D	D	D	-	-	A
Lloyd Coates	-	-	A	A	A	A	A	-	-	N	N	N	N	N	-	-	D	D	D	D	D	-	-	A	A	A	A	A	-	-	N
Gloria Jordan	-	-	N	N	N	N	N	-	-	D	D	D	D	D	-	-	A	A	A	A	A	-	-	N	N	N	N	N	-	-	D
Reece King	-	-	D	D	D	D	D	-	-	A	A	A	A	A	-	-	N	N	N	N	N	-	-	D	D	D	D	D	-	-	A
Cherise Kirkland	-	-	A	A	A	A	A	-	-	N	N	N	N	N	-	-	D	D	D	D	D	-	-	A	A	A	A	A	-	-	N
- Outside Technician	0	0	72	72	72	72	72	0	0	58	72	72	72	72	0	0	72	72	72	72	72	0	0	80	80	80	80	80	0	0	80
Lottie Emerson	-	-	D	D	D	D	D	-	-	A	A	A	A	A	-	-	N	N	N	N	N	-	-	D	D	D	D	D	-	-	A
Martin Finch	-	-	A	A	A	A	A	-	-	N	N	N	N	N	-	-	D	D	D	D	D	-	-	A	A	A	A	A	-	-	N
Daniel Goff	-	-	N	N	N	N	N	-	-	D	D	D	D	D	-	-	A	A	A	A	A	-	-	N	N	N	N	N	-	-	D
Hattie Joyce	-	-	D	D	D	D	D	-	-	A	A	A	A	A	-	-	N	N	N	N	N	-	-	D	D	D	D	D	-	-	A
Sonya McClure	-	-	A	A	A	A	A	-	-	N	N	N	N	N	-	-	D	D	D	D	D	-	-	A	A	A	A	A	-	-	N
Reese McGrath	-	-	N	N	N	N	N	-	-	D	D	D	D	D	-	-	A	A	A	A	A	-	-	N	N	N	N	N	-	-	D
Boris Middleton	-	-	D	D	D	D	D	-	-	A	A	A	A	A	-	-	N	N	N	N	N	-	-	D	D	D	D	D	-	-	A
Agatha Morris	-	-	N	N	N	N	N	-	-	D	D	D	D	D	-	-	A	A	A	A	A	-	-	N	N	N	N	N	-	-	D
Lea Shields	-	-	D	D	D	D	D	-	-	A	A	A	A	A	-	-	N	N	N	N	N	-	-	D	D	D	D	D	-	-	A

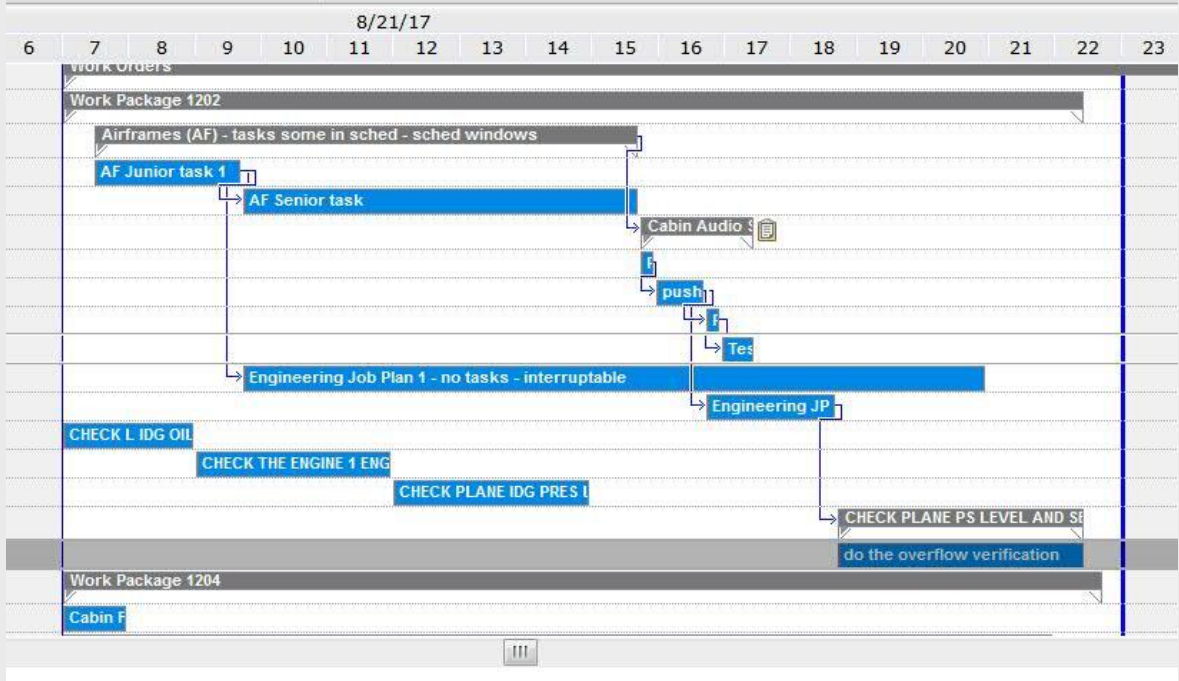
Graphical Scheduling

- Visualize work dependencies and it's impact on resource availability
- Drag and drop capability
- Filter by any field in work order or by planned resources
- Multiple column sorting
- Calculate cost for load and availability of resources



Managing Complex Network Dependencies

- Build linkages across work orders and tasks
- Minimize down time and maximize productivity by allowing work to be started as soon as its prerequisites are satisfied



Percent Complete

Description	Physical Per	4/3/17									
		6	7	8	9	10	11	12	13	14	15
* Repair Damaged Conduit Feeding Generator	65										
* Disconnect power to generator	20										
* Repair damaged conduit on south side of generator	40										
* child 1 for rollup	100										
* child 2 for rollup	100										

- Enter – calculate – summarize – and review the completion status of work
 - Enter the physical % complete directly into the activity table
 - Calculate the actual labor % complete
 - Calculate work order completion by tasks
- Summarize by time, or by the average of the % completion in the roll-up
- Visualize at a glance in the Gantt chart and activity table

Percent Complete Calculation Method: NONE Last Committed Date: Preserve Schedule Start Date:

Select Value

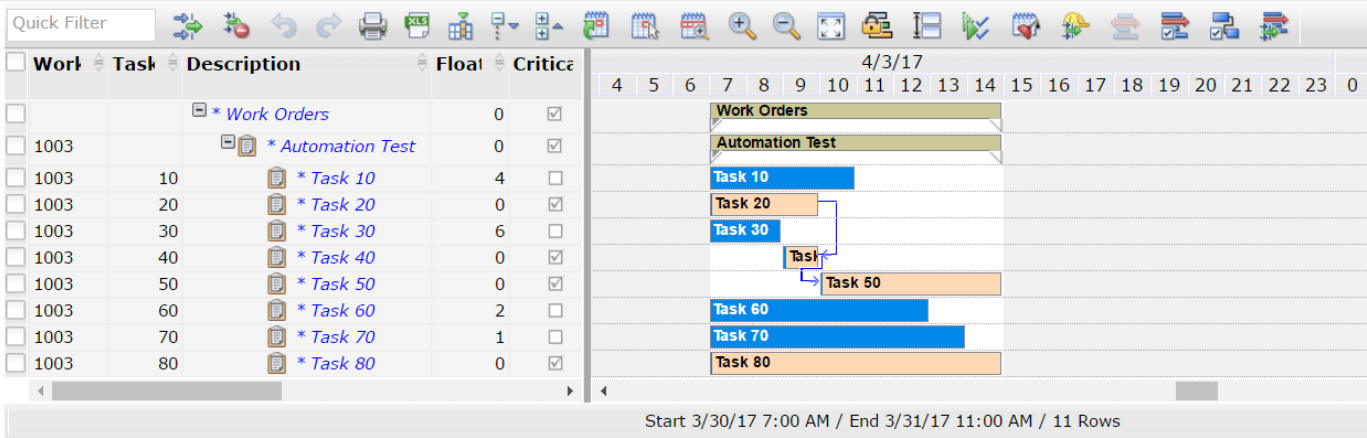
Filter > 1 - 4 of 4

Value	Description
ACTUAL	Percent Complete based on Actuals
NONE	Do not show visual percent complete
PHYSICAL	Percent Complete based on Physicals
TASK	Percent Complete based on TASK completeness

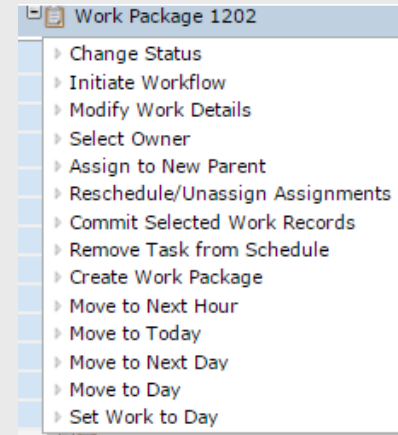
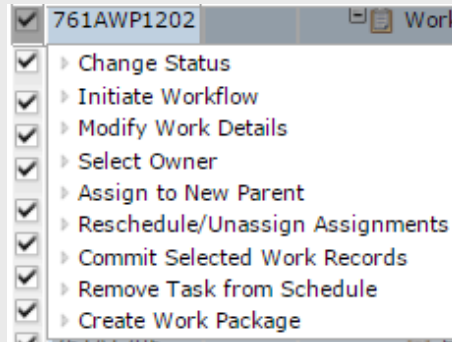
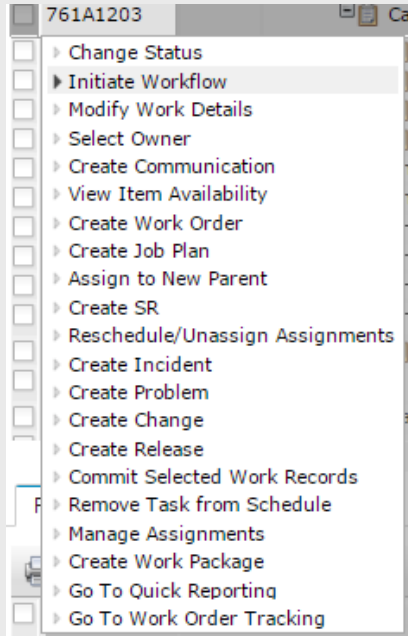
Cancel

Highlight Critical Path

- Backward pass calculates the late dates and float to determine the critical path, allowing users to focus on the important tasks that drive the schedule finish date
- Filter to just the critical path at the push of a toolbar icon

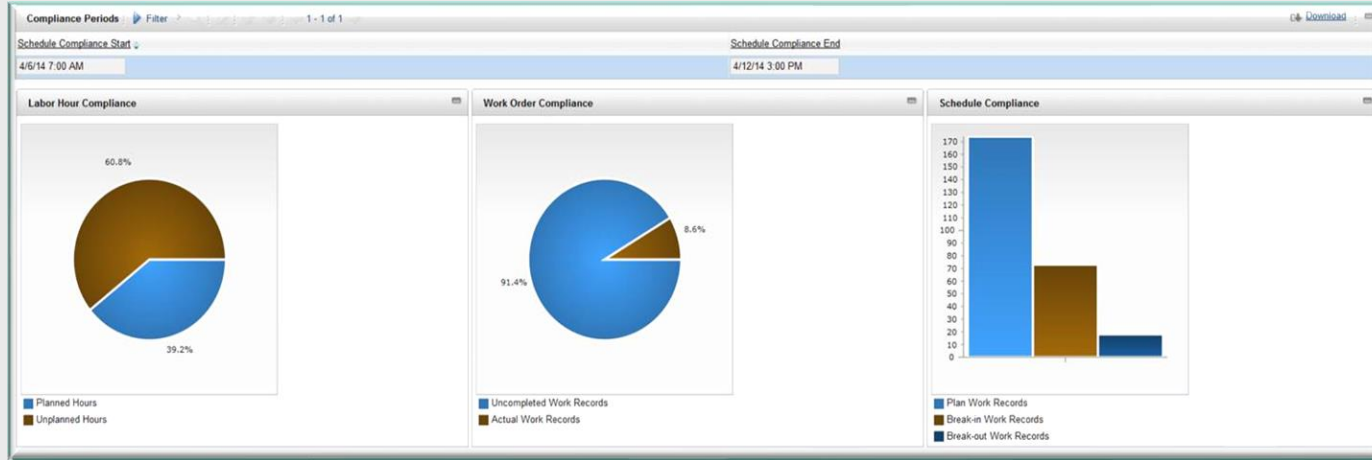


Graphical Scheduling – Power Users’ Right Click Actions



- Many of the actions within the Work Order Tracking application can be performed within the Gantt view
- Save time & clicks

Graphical Scheduling – Compliance Dashboard



See how the schedule is performing against plan

- Compare planned vs unplanned hours
- Compare uncompleted to completed work records
- See break-in and break-out counts

Schedule Dashboard

- How are my projects doing?
- Totals of all the Schedules the user has access to view
 - Cron to run calculations in off

- Quick Filter and Column Filtering
- Print
- Download to Excel
- User selected columns to display

Schedule Dashboard

Quick Filter

	Scheduler	Description	Duration	Start Date	End Date	% Remain	% Comple Method	Work Orders	PMs	Activitie	L H
<input checked="" type="checkbox"/>	X	X	X	X	X	X	X	X	X		
<input type="checkbox"/>	0.0%	761_SCHED	761 Scheduling for GA demo dat	5	9/17/18 12:00 AM	9/22/18 12:00 AM	100	NONE	101	0	0
<input type="checkbox"/>	0.0%	762_ASSET QUERY	Oil Rig	183	9/1/18 12:00 AM	3/3/19 12:00 AM	100	NONE	0	11	0
<input type="checkbox"/>	0.0%	762_LOCATION QUI	Water Treatment	183	9/1/18 12:00 AM	3/3/19 12:00 AM	100	NONE	78	5	0
<input type="checkbox"/>	15.0%	764_GS_NETWORK	Multi-level nested project	14	11/1/17 12:00 AM	11/15/17 12:00 AM	85	PHYSICAL	14	0	0
<input type="checkbox"/>	0.0%	764_GS_PMDATES	PM demo of start dates	376	6/19/17 12:00 AM	6/30/18 12:00 AM	100	NONE	3	3	0
<input type="checkbox"/>	0.0%	DPC6K	6000 series	16	10/30/17 12:00 AM	11/15/17 12:00 AM	100	NONE	10	0	0
<input type="checkbox"/>	0.0%	DPCINT	dpcint	31	10/30/17 12:00 AM	11/30/17 12:00 AM	100	NONE	1	0	0
<input type="checkbox"/>	0.0%	LON_SCHEDULE	GS - LON - Monday Schedule	5	9/17/18 12:00 AM	9/22/18 12:00 AM	100	NONE	174	0	0
<input type="checkbox"/>	0.0%	SCH_SCHEDULE	GS - Overhead Line Crew Schedt	5	9/17/18 12:00 AM	9/22/18 12:00 AM	100	NONE	174	0	0

Choose Items

Panel

Scheduler Tool (Actual)

Scheduler Tool (Planned)

Description Tool (Remaining)

Duration Service (Actual)

Start Date Service (Planned)

End Date Service (Remaining)

% Complete Forecast Service

% Remaining Forecast Material

% Complete Method Forecast Tool

Work Duration Project Status

Labor Hours (Actual) Work Orders

Labor Hours (Remaining) PMs

Cost (Total) Activities

Actual Cost Labor Hours (Planned)

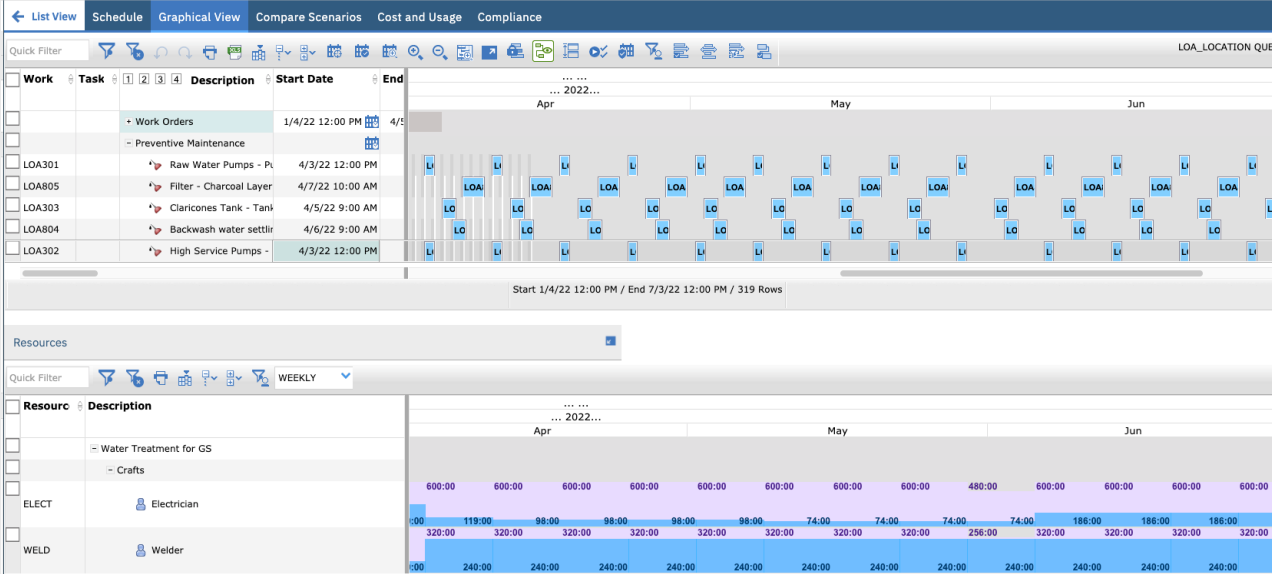
Material (Actual) Work Total

Material (Planned) Scenario Number

Material (Remaining)

Graphical Scheduling – PM Forecasting

- Visualize future work
- Adjust forecasted dates graphically
- Initiate PM reforecast actions



7621028 Pistor

- ▶ Commit Selected PM Records
- ▶ Go To Preventive Maintenance

- ▶ Move to Next Day
- ▶ Move to Day

Graphical Scheduling – PM Forecast Cost

The screenshot shows the 'Graphical Scheduling' application interface. The top navigation bar includes 'Home', 'Menu', and 'Graphical Scheduling'. Below this is a search bar for 'Find Scenario' and a toolbar with icons for refresh, save, and undo. The main navigation tabs are 'List View', 'Schedule', 'Gantt View', 'Work Cost', 'PM Forecast Cost', 'Resource Load & Availability', 'Compliance', and 'Dashboard'. The 'PM Forecast Cost' tab is active.

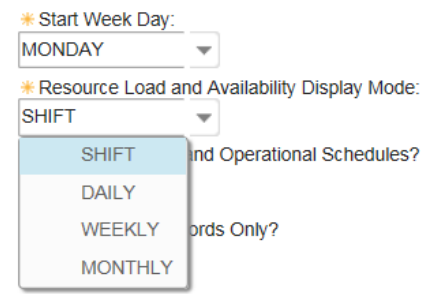
On the left side, there is a 'Schedule' section with a 'Calculate PM Cost' button. Below it, several date fields are visible: 'Last Saved Date: 8/21/15 12:36 PM', 'Last Committed Date:', 'PM Cost Last Calculated Date: 8/21/15 12:36 PM', and 'Start Week Day: MONDAY'.

The main content area displays a table titled 'PM Forecast Cost'. Above the table are view controls for 'Week', 'Month', and 'Year', and a pagination indicator '1 - 10 of 10'. The table has the following columns: Year, Start Week Date, Total Labor Hours, Total Labor Cost, Total Material Cost, Total Tool Cost, Total Service Cost, and Total Cost.

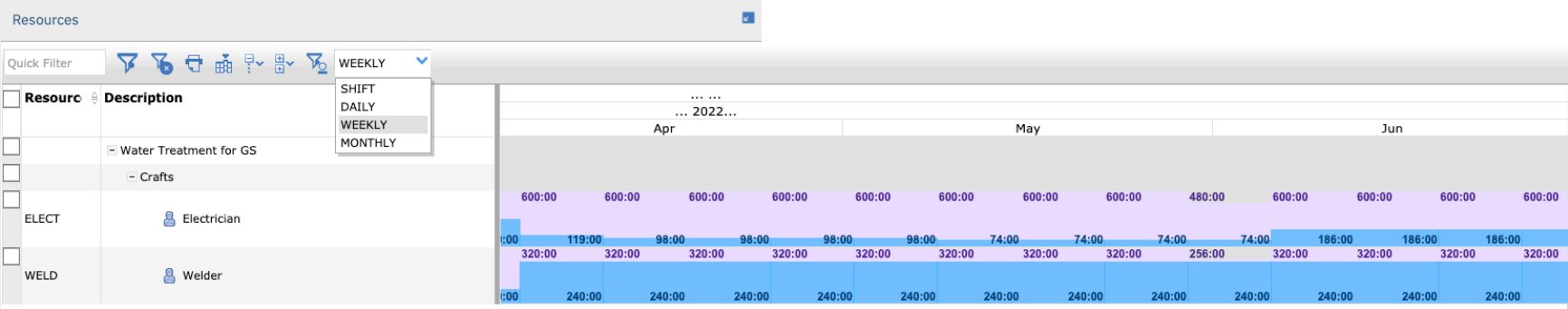
Year	Start Week Date	Total Labor Hours	Total Labor Cost	Total Material Cost	Total Tool Cost	Total Service Cost	Total Cost
2015	8/17/15	7:15	150.00	0.00	0.00	0.00	150.00
2015	8/24/15	3:00	46.50	10.00	0.00	0.00	56.50
2015	8/31/15	7:00	144.00	0.00	0.00	0.00	144.00
2015	9/7/15	3:00	46.50	10.00	0.00	0.00	56.50
2015	9/14/15	7:00	144.00	0.00	0.00	0.00	144.00
2015	9/21/15	3:15	52.50	10.00	0.00	0.00	62.50
2015	9/28/15	7:00	144.00	0.00	0.00	0.00	144.00
2015	10/5/15	3:00	46.50	10.00	0.00	0.00	56.50
2015	10/12/15	7:00	144.00	0.00	0.00	0.00	144.00
2015	10/19/15	0:15	6.00	0.00	0.00	0.00	6.00

- Calculate the planned hours and costs for all the Forecasted PMs in the Schedule including Routes, Sequences and Nested Job Plans

Graphical Scheduling – Planning Buckets (Resource Mode)



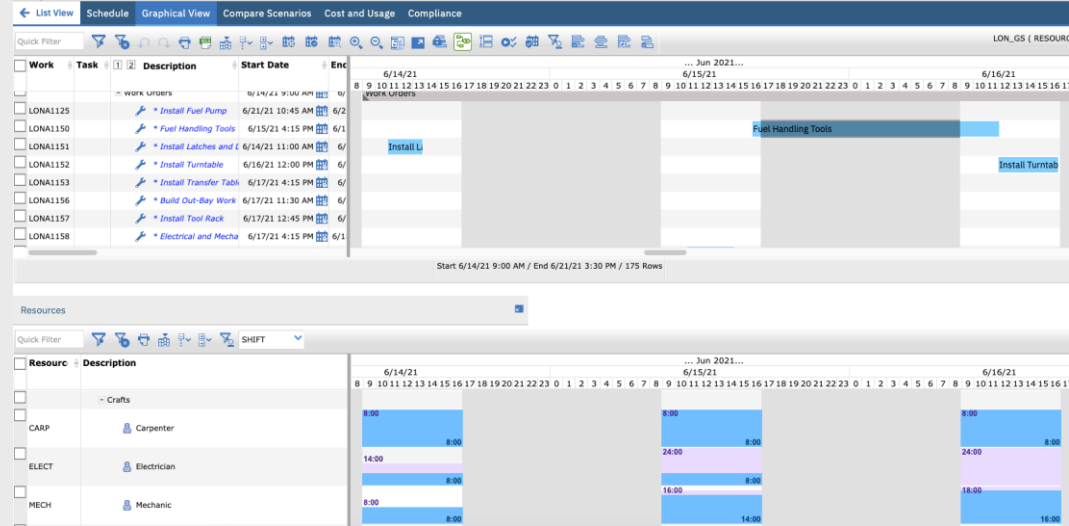
- Select on creation of schedule and change within the graphical resource view
- Longer range schedule – move work to the month, week needed and then in the shorter term schedule move work to specific day/shift



Graphical Scheduling – Interacting with Optimization

Use highly scalable, enterprise grade Maximo Scheduler Optimization to automate processes for manual & time-consuming work management tasks

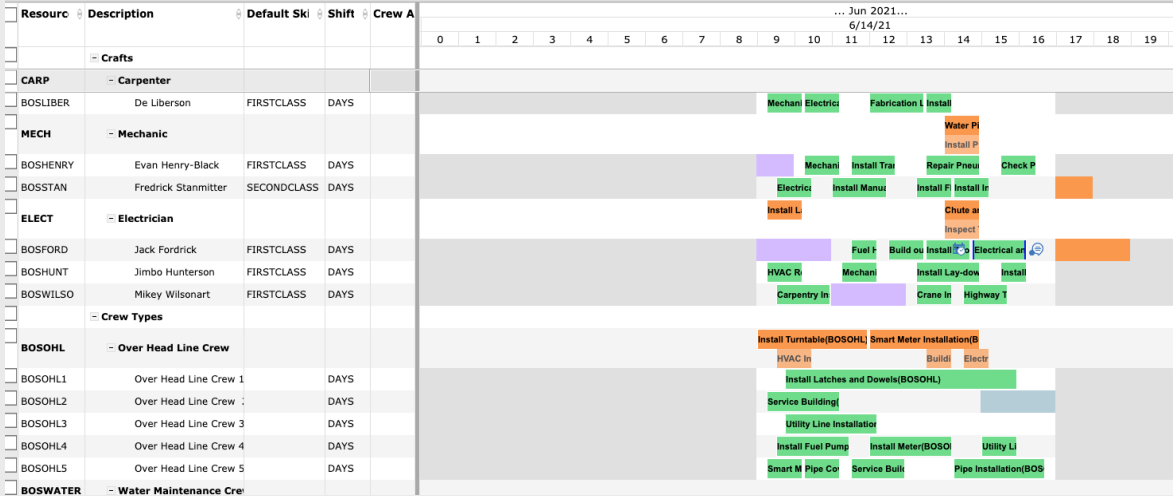
- Resource leveling model schedules within availability
- Capacity Planning model returns a schedule to meet project deadlines that may require extra resources



Graphical Assignment

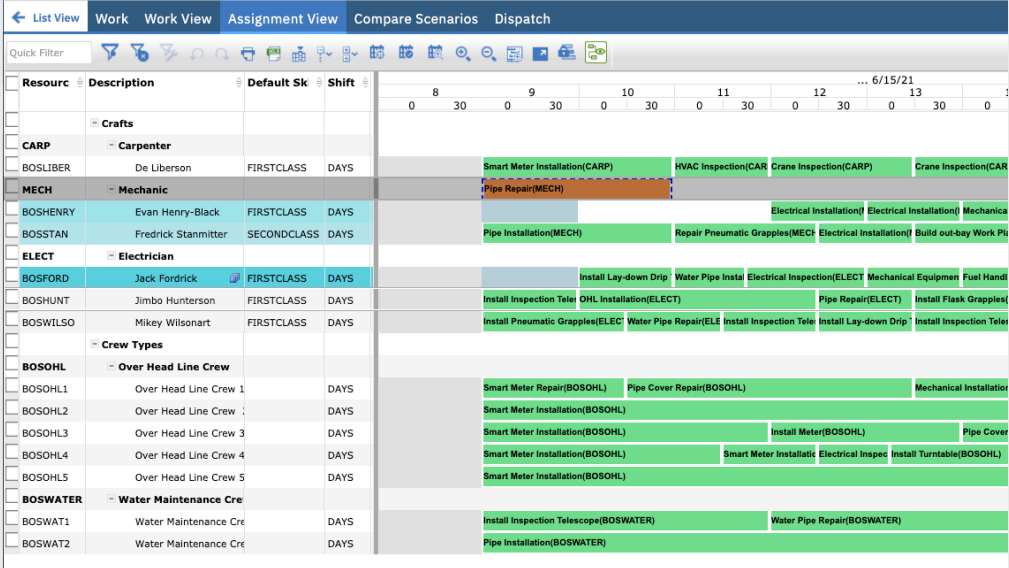
Handle assignments over multiple weeks

- The Assignment View lists all the labor requirements as orange bars beside the craft/crew type to be assigned to available labor/crew
- Drag and drop to a labor/crew row; assigned is green, validations are yellow and red



Graphical Assignment – Include Resources with Multiple Skills

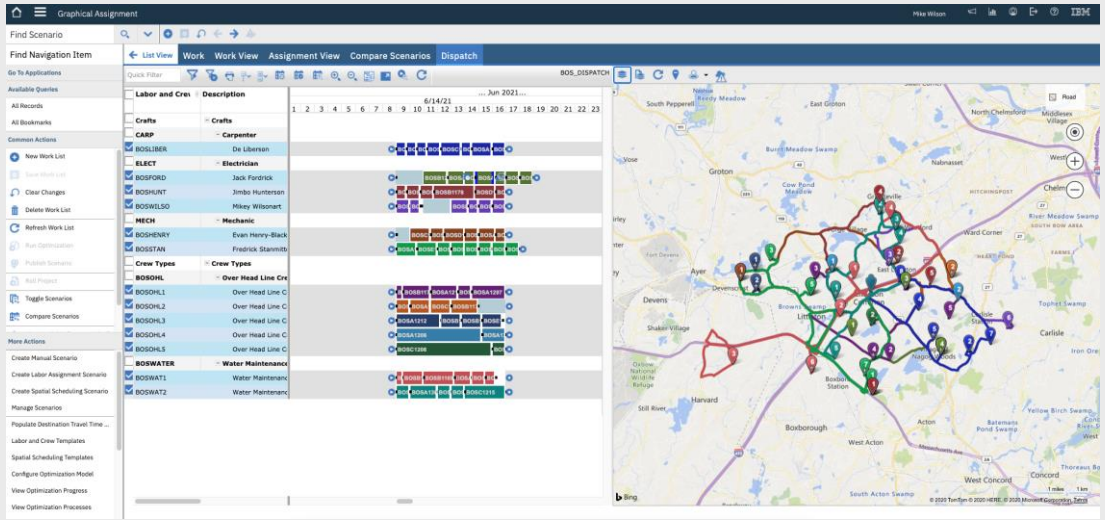
- Select an assignment bar, and the best matched labor/crew is highlighted in dark blue. Possible acceptable matches (by skill level ranking) are a lighter shade.
- Resources with secondary craft skill that match work requirements will be brought into the work list under their default craft/skill even if that default craft skill is not required by the work
- Note the multi-skilled labor indicator beside the labor description



Graphical Assignment – Dispatching

Dispatcher monitors and responds to on-going work out in the field:

- View Work Order assignments in a calendar and map view to understand the dynamic workday
- Ability to match resources with incoming work orders, based on location and travel time. Create optimized street routes for the crews



Graphical Assignment – Additional Info to aid the Dispatcher

The image shows a screenshot of a GIS application interface. The main map area displays a street network with various colored lines representing routes and numerous icons representing work orders. A 'Work Orders Symbology' legend is open in the bottom-left corner, showing options for Default, Status, Priority, Work Type, and Route. The 'Priority' option is checked. Four blue callout boxes with white text and black borders point to specific features on the map: 'Where are the field technicians and Crews' points to a person icon; 'View the priority of the work orders' points to a yellow triangle icon with a '2' inside; 'Change the map marker to indicate Status, Priority, Work type or Route' points to the 'Priority' checkbox in the legend; and 'Map marker legend' points to the legend window itself.

Where are the field technicians and Crews

View the priority of the work orders

Change the map marker to indicate Status, Priority, Work type or Route

Map marker legend

Graphical Assignment – Technician Template

- Technicians can access all pertinent work details from a single view, on their mobile device
- Start and stop timers or enter actuals manually

The screenshot displays a mobile application interface for a technician template. The interface is organized into a 'Details' view, with a navigation bar at the top showing 'List View', 'Details', 'Resources', and 'Results'. The main content area is divided into several sections, each with a label and a corresponding input field or value. The sections include: 'Work Order' (BOSA1161), 'Install Manual Grapples', 'Work Type' (CAL), 'Priority' (12), 'Status' (WAFPR), 'Service Address' (20 Fort Pond Hill Rd, Littleton, MA 01460, USA), 'Location' (BOS103), 'Asset' (BOS103), 'Electrical Box', 'Classification', 'Class Description', 'Start Date / Finish Date' (Scheduled: 6/14/21 9:00 AM to 6/14/21 12:30 PM), 'Actual', and 'Supervisor' (BOSWILSO). The bottom of the screen features a filter icon and the text '0 - 0 of 0'.

Graphical Assignment – Technician Template

The screenshot displays a technician assignment interface. At the top, there is a navigation bar with icons for home, back, forward, refresh, and search. Below this is a search bar with 'Advanced Search' and 'Save Query' options. The main section is titled 'Work Orders' and shows a list of four work orders:

Work Order	Description
bosa120	
BOSA1206	Install Latches and Dowels
BOSA1207	Install Turntable
BOSA1208	Service Building
BOSA1209	Smart Meter Installation

Below the work orders is a 'Select Records' checkbox. A 'Map View' section shows a map of Littleton, Colorado, with a blue route connecting four numbered locations (1, 2, 3, 4). The map includes labels for 'Forge Village', 'Ward Corner', 'East Littleton', 'Littleton Common', 'Village of', 'Curlie Station', and 'Heart Pond'. Below the map is a 'Required Materials' section showing '0 - 0 of 0' items. At the bottom is a 'Required Tools' section showing '1 - 1 of 1' items:

Tool	Description	Storeroom	Quantity
BOSBTRUCK	Bucket Truck		1.00

Field Technician's Street Level Route

Field Technician's Material Requirements

Field Technician's Tool Requirements

Dynamic Dispatching

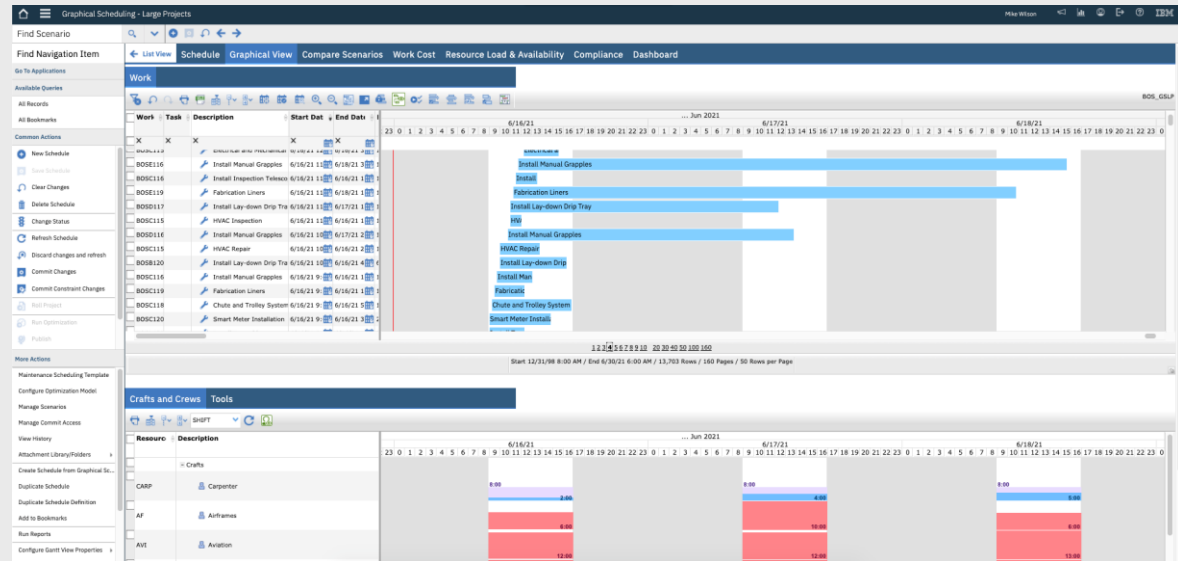
- Automatically refresh the dispatch view to show the latest progress and work details as they are posted
- Re-optimize the in-progress work list to reflect ongoing changes to the plan for optimal crew routing

* Dispatch Refresh Interval (in seconds):

Labor and Crew	Description	Jun 2021...
<div style="display: flex; justify-content: space-between;"> 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 6/14/21 </div>		
Crafts		
- Carpenter		
<input checked="" type="checkbox"/> BOSLIBER	De Liberson	
- Electrician		
<input checked="" type="checkbox"/> BOSFORD	Jack Fordrick	
<input checked="" type="checkbox"/> BOSHUNT	Jimbo Hunterston	
<input checked="" type="checkbox"/> BOSWILSO	Mikey Wilsonart	
- Mechanic		
<input checked="" type="checkbox"/> BOSHENRY	Evan Henry-Black	
<input checked="" type="checkbox"/> BOSSTAN	Fredrick Stanmitt	
Crew Types		
- Over Head Line Crew		
<input checked="" type="checkbox"/> BOSOHL1	Over Head Line C	
<input checked="" type="checkbox"/> BOSOHL2	Over Head Line C	
<input checked="" type="checkbox"/> BOSOHL3	Over Head Line C	
<input checked="" type="checkbox"/> BOSOHL4	Over Head Line C	
<input checked="" type="checkbox"/> BOSOHL5	Over Head Line C	
- Water Maintenance		
<input checked="" type="checkbox"/> BOSWAT1	Water Maintenance	
<input checked="" type="checkbox"/> BOSWAT2	Water Maintenance	

Graphical Scheduling – Large Projects

- Ability to bring in large numbers of records
- Introduces server-side paging, sorting, filtering etcetera in order to accommodate large projects with a high record volume
- Like Graphical Scheduling, but a few changes to accommodate the same functionality on the server-side



Scheduler Data Manager

- Perform validation checks to identify issues and easily fix data issues to improve data quality & governance

The screenshot shows the Scheduler Data Manager interface. The top navigation bar includes 'Find Scenario', 'Find Navigation Item', and tabs for 'List View', 'Schedule', 'Calendar', 'Queries', 'Work', 'Dependencies', and 'Resources'. The left sidebar contains sections for 'Go To Applications', 'Available Queries', 'All Records', 'All Bookmarks', 'Common Actions' (Save Schedule, Clear Changes, Refresh Schedule), and 'More Actions' (Attachment Library/Folders, Add to Bookmarks, Run Reports, Show Validation Jobs).

The main content area displays configuration details for a schedule named 'SDM_GS'. The configuration includes:

- Schedule: **SDM_GS** > Scheduler Data Manager - Graphical Scheduling
- Type: **WORK**
- Application: Graphical Scheduling
- Calendar: **CALENDAR** >
- Shift: **DAY** >
- Organization: **EAGLENA** >
- Duration Threshold: **2:00**
- Top Level Work Records Only?
- Validation Frequency: **1d,0,0,0,*******
- Validation Frequency Active?
- Refresh Before Validation?
- Rolling Project?
- Rolling Frequency: **1d,0,0,0,*******
- Duration in Days: **5**
- Rolling Offset in Days: **0**
- Start Date: **8/10/20 12:00 AM**
- End Date: **8/15/20 12:00 AM**
- Restrict Work to Dates?

Below the configuration, there are two tables:

Work Queries (1 - 1 of 1)

Data Source	Query Name	Description	Where Condition
>	WORKORDER	All records	OWNER = 'SUPERVISOR'

Restrict Resource Availability (0 - 0 of 0)

Data Source	Query Name	Description	Where Condition
-------------	------------	-------------	-----------------

Resources

Maximo Scheduler Community: (join community to view all details)

<https://community.ibm.com/community/user/communities/community-home?communitykey=60718772-c63c-4d74-bdad-56d8beac4ba3&tab=groupdetails>

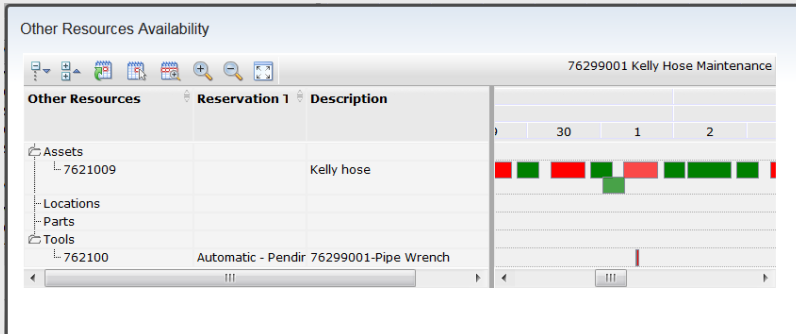
RFE Tool:

https://www.ibm.com/developerworks/rfe/?BRAND_ID=90

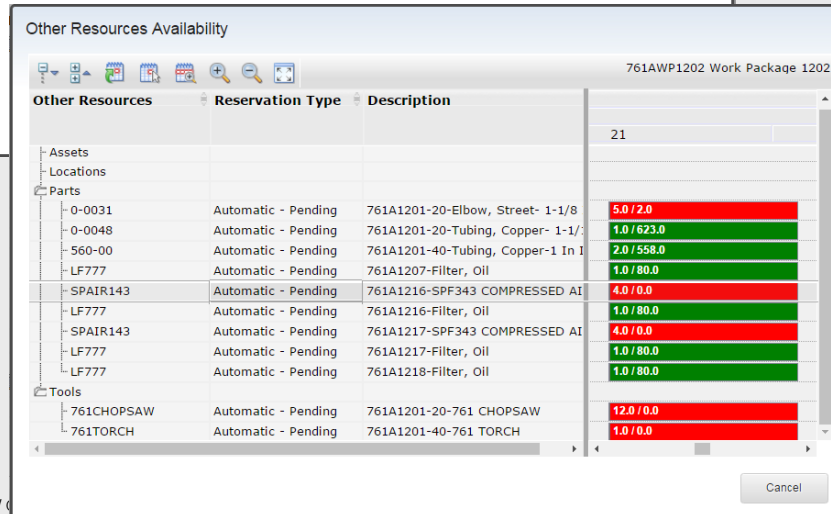
Thank you



Graphical Scheduling – View Other Constraining Resources



- Tie to the asset / location operational and maintenance schedules to ensure efficient resource utilization



- Graphically view required materials and tools and their availability for a single work order or for a parent work order to include all requirements in the hierarchy

Appointment Booking

- Book customer appointments within Maximo using a simple graphical interface
- Incorporate weather data for more efficient scheduling - minimize cancellations / reschedules
- Automatically notify customers of appointment, cancellation, reschedule and ETA

The screenshot displays a Maximo appointment booking interface for July 2020. At the top, there are navigation icons (print, calendar, back, forward, refresh) and the month/year 'Jul 2020'. Below this is a weather forecast grid for days 19 through 25. The forecast includes weather icons, temperatures, and day labels. A table below the forecast shows appointment counts for three time slots: Morning 8-12, Afternoon 12-4, and Evening 4-8. The counts are as follows:

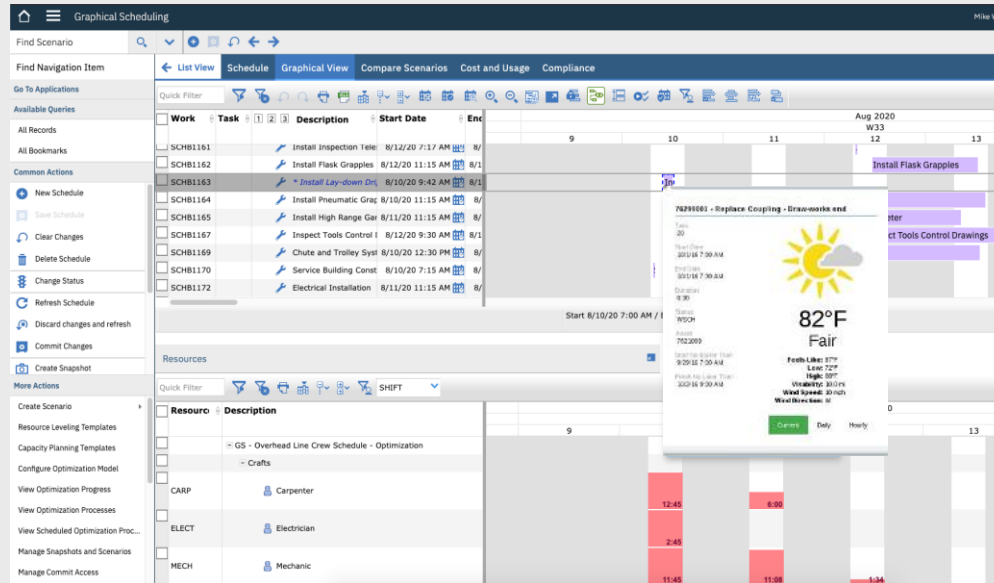
Time Slot	19 Mon	20 Tue	21 Wed	22 Thu	23 Fri	24 Sat	25 Sun
MORNING 8-12	3	3	3	3	3	2	---
AFTERNOON 12 -4	3	3	3	3	3	---	---
EVENING 4 - 8	3	3	3	3	3	---	---

On the right side, there is a settings panel with a list of checkboxes for various data fields:

- Tool (Actual)
- Tool (Planned)
- Tool (Remaining)
- Service (Actual)
- Service (Planned)
- Service (Remaining)
- Forecast Service
- Forecast Material
- % Complete Method
- Work Duration
- Labor Hours (Actual)
- Labor Hours (Remaining)
- Cost (Total)
- Actual Cost
- Material (Actual)
- Material (Planned)
- Material (Remaining)
- Forecast Tool
- Project Status
- Work Orders
- PMS
- Activities
- Labor Hours (Planned)
- Work Total
- Scenario Number

Weather Integration

- Planners can assure that work is completed on time without an adverse weather impact
- Pick what you want displayed in the tool tip (both front and back), from over 50 weather data points
- Similar integration available for the Graphical Assignment application



Weather Alerts

- See active weather perils on schedules, appointments, and maps
- Respond by adjusting the work schedule to ensure employee safety. Email notification to work owners and techs of weather events automatically

Work view:

Alerts and Dowels

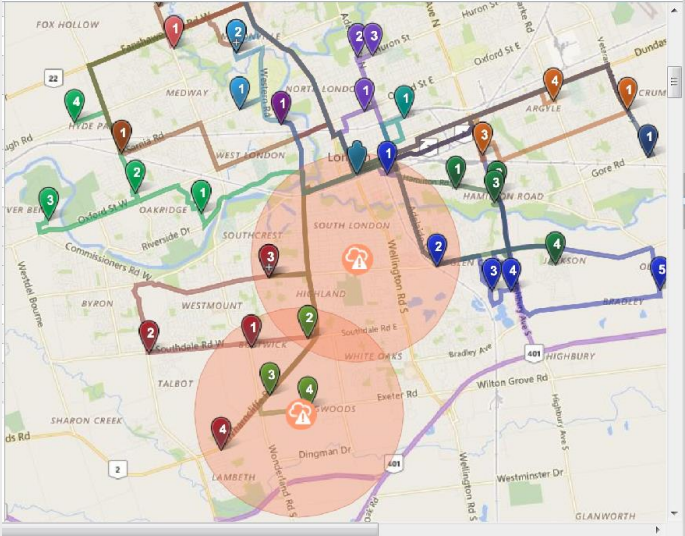
Alert is active from 2017-03-28 11:11:29.0 to 2017-03-29 11:11:29.0: Heavy rain forecast >= 25.4 mm in the next 24 hours. Alert is active from 2017-03-28 11:11:29.0 to 2017-03-29 11:11:29.0: Heavy ice forecast >= 6 mm, cumulative in the next 48 hours.

SCHA1151 - Install Latches and Dowels

1000 Wharncliffe Rd S, London, ON N6L 1K3, Canada

Start Date	3/28/17 10:15 PM						
End Date	Tuesday	Tuesday	Tuesday	Tuesday	Tuesday	Wednesday	Wednesday
Duration	39:45	39:45	39:45	39:45	39:45	39:45	39:45

Dispatching:



Appointment Book:

Jul 2020

30th	31st	1st	2nd	3rd
51°F	41°F	44°F	53°F	52°F
2	Alert is active from 2017-03-28 11:11:29.0 to Thu Mar 30 11:11:29 EDT 2017: Heavy ice forecast >= 6 mm, cumulative in the next 48 hours.	3	3	3