

BLUEWORX

BRIEFING AND DEMONSTRATION

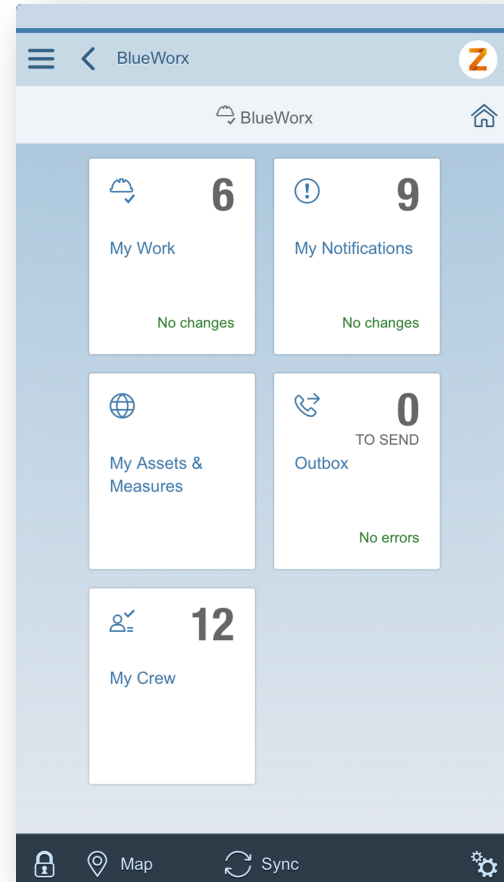
BlueWorx

Formerly known as MyPM

ZAG

AGENDA

- BlueWorx Introduction
- BlueWorx Crew Introduction
- Demonstrations
- Questions



INTRODUCTION

BLUEWORX

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01

Delivers a **quality Fiori user experience** covering all the key elements of SAP Asset Maintenance. That's the same consistent UI for the future of SAP.

02

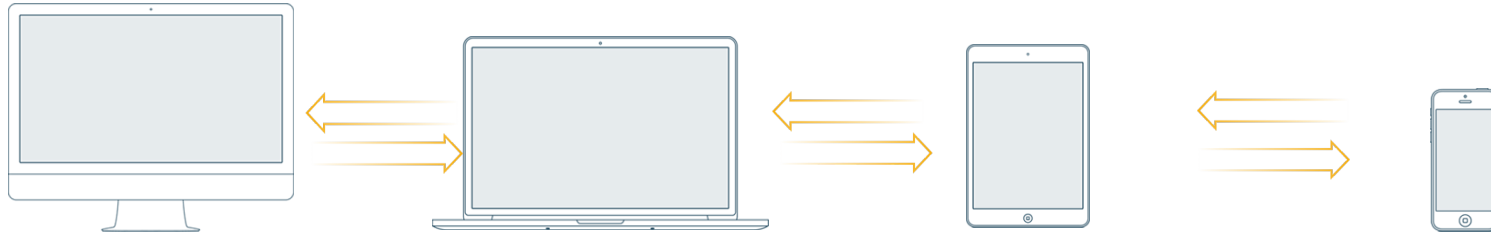
Works on **desktop and fully offline on tablet and phone** – that's one solution for multiple platforms.

03

Is **technically enabled from within SAP, using SAP ABAP and Fiori**. Install and configure in days, here are no black boxes or middleware required.

04

Is **highly innovative** – we've created multiple features that are new to SAP mobile asset management like inspections and geo maps.



BLUEWORX – BUILT ON CUSTOMER DEMAND

01

RESOURCE PRODUCTIVITY

Improve 'wrench time' through less travel and meetings. Reduce admin costs through less time to print, collate, distribute, recover, process and file orders.

02

WORKFORCE ENGAGEMENT

Providing the right tools for the job improves workforce engagement. Customers tell us that their people love to use BlueWorx.

03

RESPONSIVENESS

Work can be dispatched faster which means reduced mean time to repair and better outcomes for 'customers'.

04

DATA CURRENCY & ACCURACY

Get near real time data to and from your field workforce that's accurate and doesn't require re-keying.

05

INSPECTIONS

Undertake inspections and check lists simply and in the language of the user. Process results seamlessly into SAP and keep a fully auditable permanent record of the event.

06

ONGOING INNOVATION

It's already great, but there's more to come. Benefits continue to be added through ongoing investment and innovation in BlueWorx.

ITS ALL ABOUT GIVING YOUR PEOPLE THE RIGHT TOOL
THAT WORKS LIKE THEY DO, WHERE THEY DO



BLUEWORX SAP MOBILE PLANT MAINTENANCE

BlueWorx, formerly known as MyPM, is a user focused, comprehensive, affordable solution for mobilising SAP Plant Maintenance. Developed by Zag response to our customers demands and using SAP and Neptune Software technology.



GREAT USER EXPERIENCE

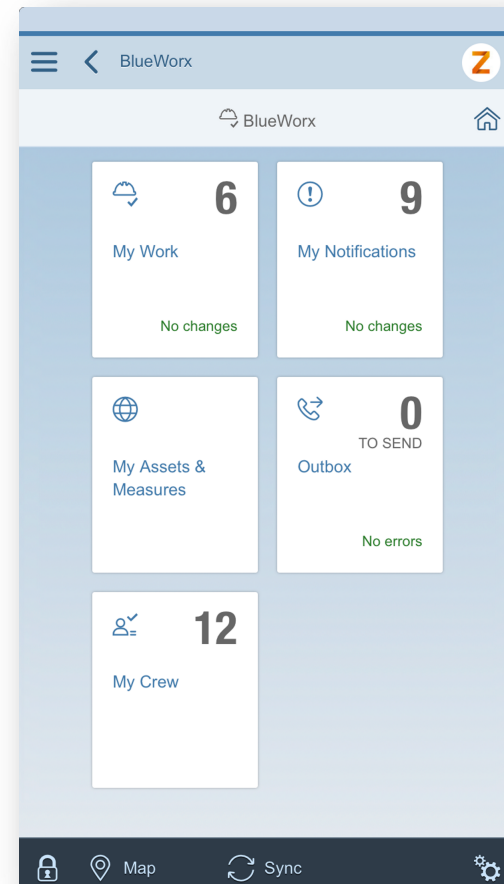
BlueWorx provides a simple, intuitive user experience, using the latest Fiori user interface – the same look and feel as the next generation SAP products. Fully extensible to deliver your business needs.



MOBILISE YOUR WORKFORCE

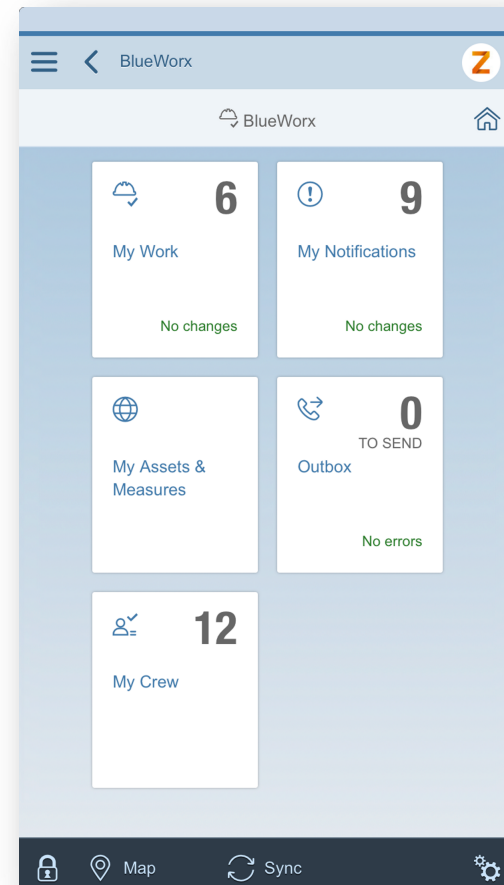
BlueWorx is targeted at personnel undertaking asset maintenance and inspections in the field and around the plant. Supports fully offline operations. The majority of the functionality works just as easily from compliant desktop browsers, for when you're back in the office.

We built BlueWorx because our customers demanded it!



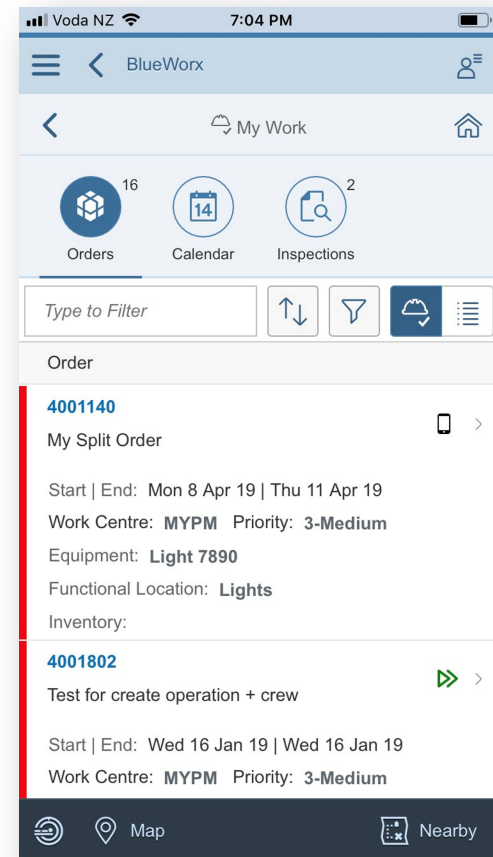
APPLICATION ACCESS AND DATA

- The BlueWorx application is installed on the mobile device (Android, iOS, Windows 10) and is accessible via HTML5 compatible desktop browser
- Users authenticate using their standard SAP credentials – or other SAP supported mechanisms
- BlueWorx User profiles dictate what master data they receive
- Solution and SAP settings dictate what Work Orders they receive
- BlueWorx data from and to SAP is exchanged when the User synchronises their device
- Updates to the application/s occur automatically on SAP transport



BASE FUNCTIONALITY

- Work and Service Orders
- Notifications
- Functional Locations Details
- Equipment Details
- Bill of Materials
- Materials - Issue, Reservation and Installation
- Measurement Points
- Measurement Documents
- Measurement Reading List
- Online and Offline GEO Maps



INSPECTIONS

- Uses configurable 'Inspections' that are linked to Work Orders, Equipment and Functional Locations
- Ties together an asset inspection into a event that users can easily execute
- Maintained in BlueWorx Administration. Questions are configured to one of a series of screen templates. Responses can:
 - Action - Update key Equipment or FL records
 - Action - Update Equipment or FL classification records
 - Action - Create Measurement documents
 - Action – Update Technical Object User Status
 - No Action – Just record
- Incomplete Inspections follow the user – i.e. they can change devices

The screenshot displays the BlueWorx mobile application interface for an inspection. At the top, the header shows 'BlueWorx' with a back arrow and a user icon. Below this, the title 'Conditioning Industrial Unit - Annual' is displayed, followed by the asset ID '10000073 Airconditioner - Cool Air 480'. A search bar with the placeholder 'Type to Filter...' and a filter icon labeled '(All)' is present. The main content area lists inspection questions under the heading 'Air Conditioning General'. The questions and their current status are:

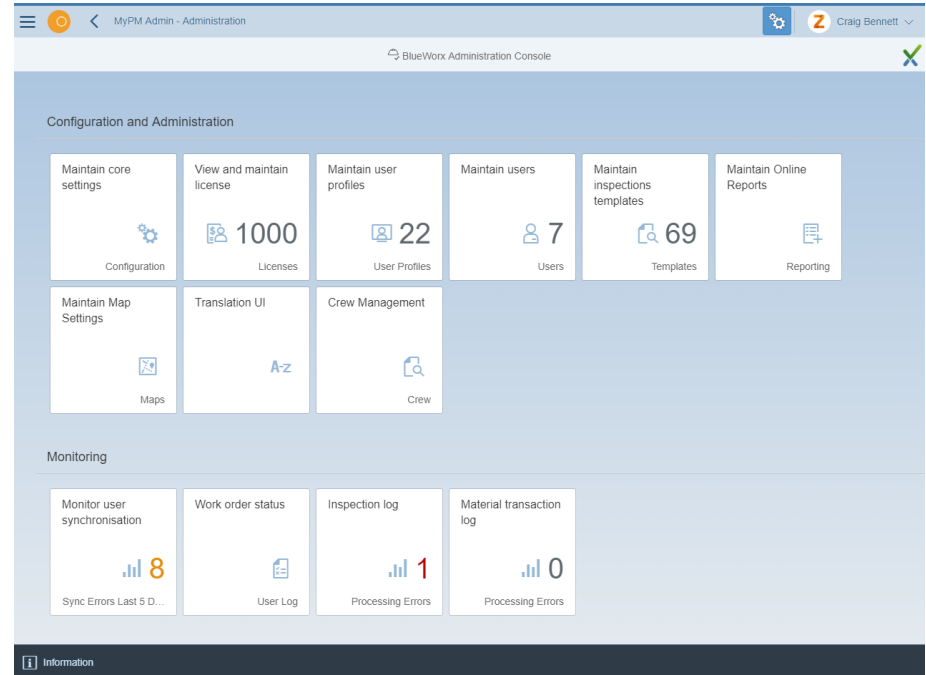
Question	Status	Action
Replace filters	Yes	>
Assess and check belts and pulleys	Good	>
Clear drain lines and pans	No	>
Check electrical connections	No	>
Check operation of fan and blower motor	No	>

A red stamp with the text 'Key Feature' is overlaid on the 'Assess and check belts and pulleys' row. At the bottom of the screen, there is a navigation bar with icons for information (i), delete (trash), complete (checkmark), and a menu (hamburger icon).

CONFIGURATION AND ADMINISTRATION SITE

A fully featured BlueWorx configuration and administration online site is provided including:

- Core settings
- Licence settings
- User profiles and users
- Inspections
- Maps
- Translations
- Crew component
- Synchronisation logs
- Work Order status
- Inspection logs
- Material processing logs



CREW COMPONENT

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01

Is **technically part of BlueWorx** and is optionally enabled based on a license key

02

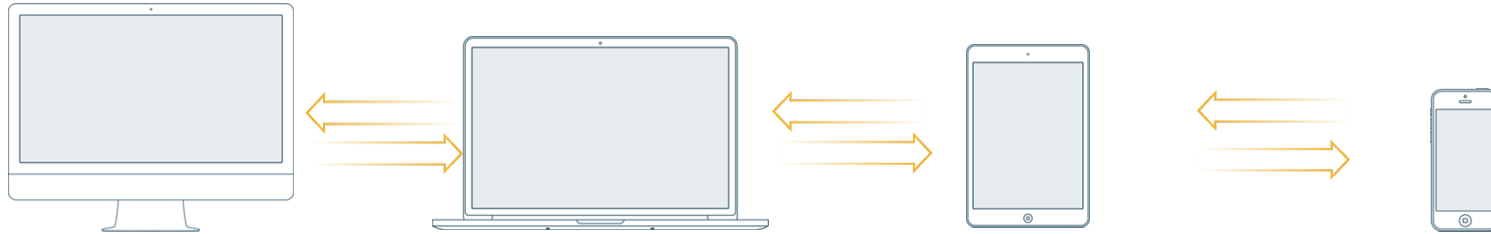
Is aimed at **tactical workforce management**, does not replace regular SAP planning/ scheduling events and functionality

03

Is enabled by **assigning a BlueWorx user to 'manage' one or more Work Centers**. The Orders for their crew then sync to the device and editing options appropriate to the BlueWorx assignment type in use then applies

04

Works on **desktop, laptop, tablet and phone** – like BlueWorx that's one solution for multiple platforms



TACTICAL WORKFORCE MANAGEMENT

01

INFORMATION CURRENCY

Access near real time information updates coming from the field and not from dated paper copies

02

PLANNING AGILITY

Adjust the plan according to the needs in front on you, not the planning behind you

03

RESPONSIVENESS

Work can be allocated faster which means reduced mean time to repair and better outcomes for 'customers'

04

RESOURCE SAVINGS

Improve 'wrench time' through less travel and meetings. Reduce admin costs through less time to print, collate, distribute, recover, process and file orders

05

IMPROVED MANAGEMENT

Less time administrating means more time thinking, supervising and coaching

06

WORKFORCE ENGAGEMENT

Providing the right tools for the job improves workforce engagement

ITS ALL ABOUT NEAR REAL TIME INFORMATION AND WORK MANAGEMENT
BY THE PEOPLE BEST PLACED TO MAKE THE DECISIONS

DEMONSTRATION

BLUEWORX

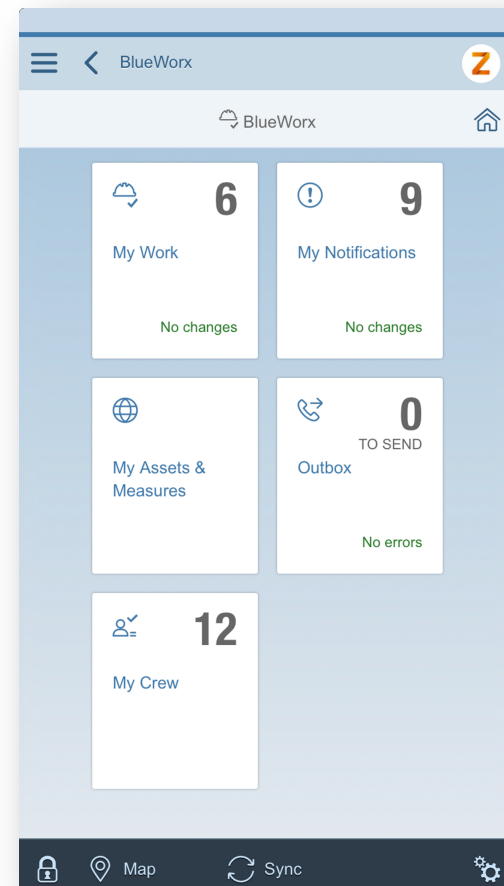
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DEMO SUMMARY

- Find and access a Work Order
- Review Equipment and Functional Locations
- Start Work Order
- Undertake Inspection
- Review History
- Create a Notification
- Add Time Confirmation
- Review Crew component
- Review GEO Map functionality



ARCHITECTURE

BLUEWORX

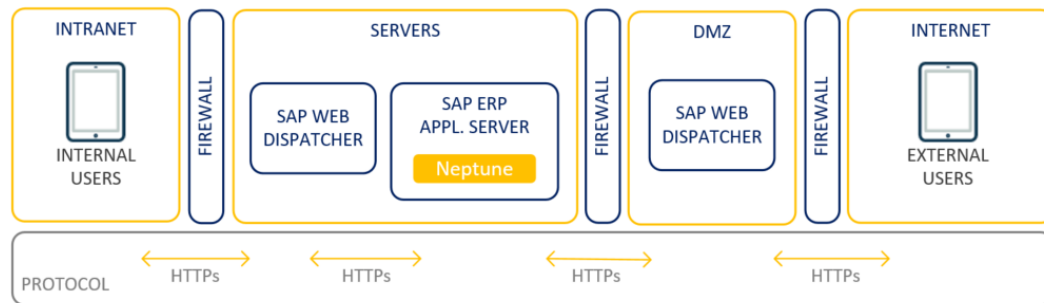
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BlueWorx, SAP and Neptune Software?

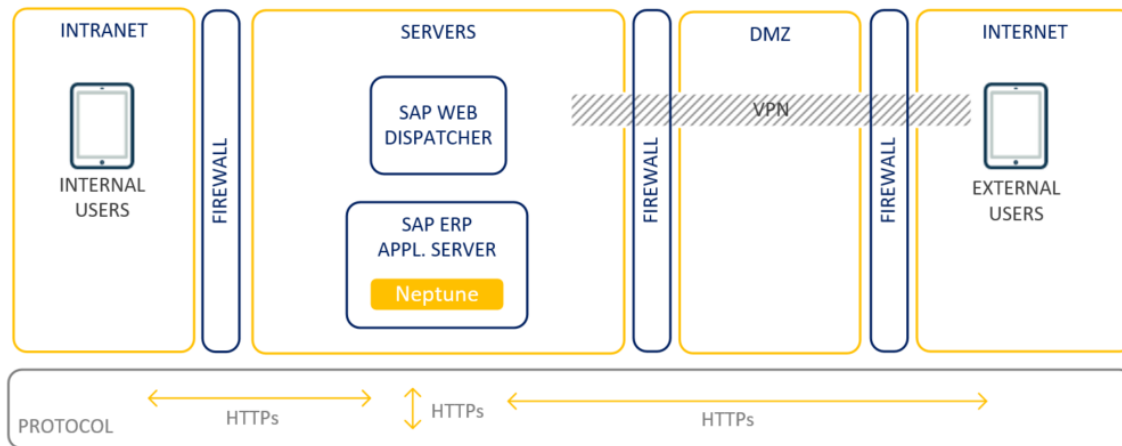
- Zag have used SAP and Neptune Software's Add-On to create BlueWorx
- Neptune Software is a SAP Certified Add On for SAP that allows organisations with SAP to rapidly create, deploy and manage Fiori type applications wholly from within SAP
- That means no middleware/ black boxes. Just SAP and your mobile device!
- Neptune Software's use is not limited to BlueWorx. It's in use by 100's of organisations world wide to deliver innovative solutions to SAP customers
- Auckland Council is currently uses it to create a Building Consents application



KEY FACTS

- Simple setup
- This is the typical setup from our customers running Neptune

- 1 Neptune Server installed on each backend server (ABAP Add-on)
- 2 Existing Web Dispatcher Reversed Proxy and Firewall for security
- 3 User access based on SAP Roles in Neptune Launchpad

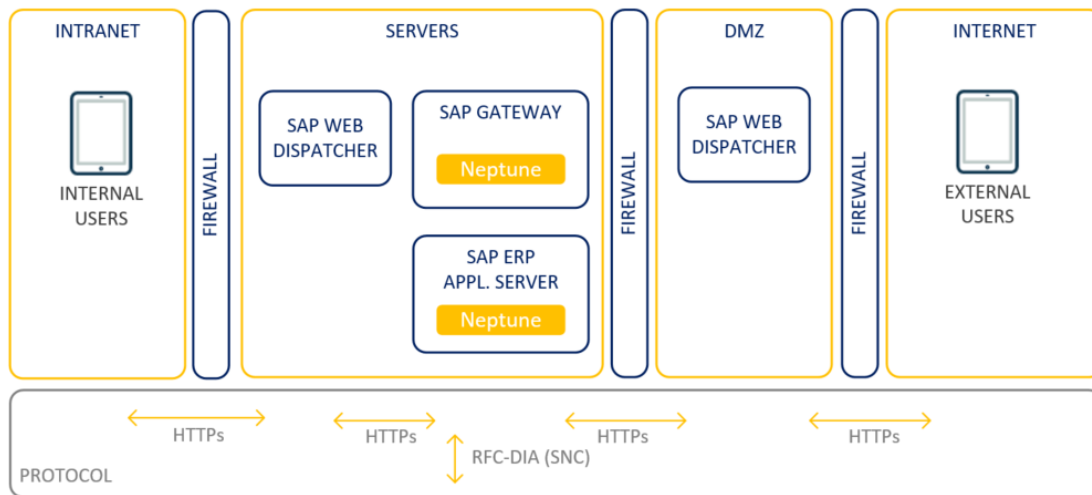


- 1 Neptune Server installed on each backend server (ABAP Add-on)
- 2 Existing VPN and Firewall for security
- 3 User access based on SAP Roles in Neptune Launchpad



KEY FACTS

- Simple setup. No need for extra servers/infrastructure
- Suits pilot implementation and or low user numbers



KEY FACTS

- Single entry point
- Can run Neptune Launchpad and SAP Fiori Launchpad side by side
- This is our promoted approach for customers using SAP Gateway
- Need to code ABAP logic to use RFC-calls to different backend systems

- 1 Neptune Server is installed on NetWeaver Gateway
- 2 UI and backend classes running on NetWeaver Gateway
- 3 Backend classes coded using RFC calls to manage data in different backend systems
- 4 Existing Reverse Proxy and Firewall for security
- 5 User access based on SAP Roles in SAP Fiori Launchpad and Neptune Launchpad

ROADMAP

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Roadmap Items

Ref.	Summary	Theme	Complete
BWX-1388	Add a new tab to the My Work page that shows a list of Components	Enhance	✓
BWX-1627	Capture Photos from Work Orders, FL and Equipment the same as for Notis	Enhance	✓
BWX-2430	Allow Negative Numeric Entries on Inspection Questions	Enhance	✓
BWX-2455	Work Order Documents - Count and Close Panels	Enhance	✓
BWX-2431	Inspection Question - existing values showing key not description	Enhance	✓
BWX-2422	Improve the progress display on Map Syncs	Enhance	✓
BWX-2330	Improve the add document and image workflow and add images to orders and assets	Enhance	✓
BWX-2215	Show the description along with the ID of the source value for the rule conditions in	Enhance	✓
BWX-2164	Add Download Only options to the Document Store	Enhance	✓
BWX-1807	Clear text option - all long texts	Enhance	✓
BWX-2426	Remove Sync Message 'Map Download Cancelled'	Enhance	✓
BWX-2328	Admin App: Add default text to the order complete select list	Enhance	✓
BWX-2166	Export Sync Log Details in Default Language	Enhance	✓
BWX-2228	New inspection questions should be active by default	Enhance	✓
BWX-2458	"No Action" "Single Value Numeric" question is not respecting text length	Enhance	✓
BWX-2472	Make Upload and Photo buttons more visible for work orders & rationalise filters	Enhance	✓
BWX-2419	Hook Inspection Viewer into Inspection Logs [Document Attached Indicator in Inspect	Enhance	✓
BWX-1063	GEO Points Capture	Innovate	
BWX-1418	Work Permits	Innovate	
BWX-2481	BlueWorx Smartforms	Enhance	
BWX-2196	Edit Notification Item(s) from the notification header	Enhance	
BWX-1071	SAP Generation of Inspections	Innovate	
BWX-1969	Ability to run the Add and Refresh profile data from the profile Admin Screen	Innovate	
BWX-2503	Favorites and History	Innovate	
BWX-2028	Orders - Filter and Sort Functions	Enhance	
BWX-2397	Inspection Information - Move to HTML	Enhance	
BWX-2462	Filter map profiles by device only/browser only/browser and device	Enhance	
BWX-2508	Create Field Order from Equipment Detail dialogue	Enhance	
BWX-2496	Malfunction Start required upon marking notification breakdown	Enhance	
BWX-2467	New Configuration Option - Download Documents for Order Notifications	Enhance	
BWX-2353	Admin – Spatial UI Improvements	Enhance	
BWX-2235	Crew Calendar Search	Enhance	

Delivery order and priority

Summary

This Roadmap shows the schedule for improvement and innovation items for BlueWorx.

Other improvements may also be undertaken in the planning period according to customer needs which can impact on dates. As such Zag reserves the right to change, defer or remove Roadmap items.

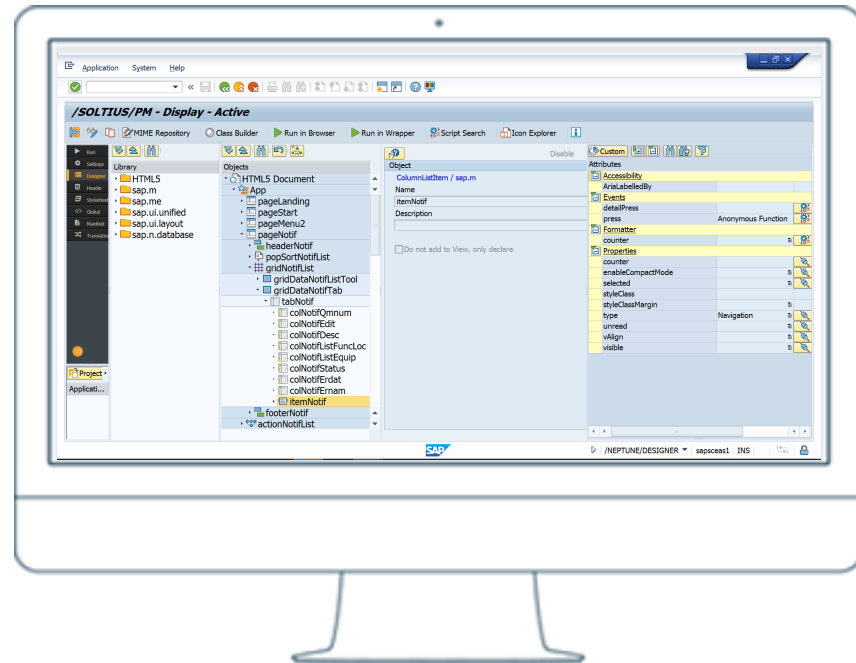
Details of each item is provided in the following pages to this document. Details of recently delivered functionality is periodically updated in the forums section of our product support site: <https://blueworx.freshdesk.com>

BLUEWORX IS FULLY EXTENSIBLE - BECAUSE NOT EVERYONE IS THE SAME

In a user focused solution the tool should adapt to the user and not the other way round.

Validated requirements with ROI can be accommodated through enhancement of the standard BlueWorx product. It's been designed that way.

Areas more likely to involve customer specific delivery generally involve external systems integration, or where there is no standard SAP or industry process.



Questions

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PRODUCT SUPPORT SITE

For more information see Zags comprehensive support site for customers and partners.

<https://bluworx.freshdesk.com/support/home>

The screenshot displays the BlueWorx website, which is the product support site. The header includes the BlueWorx logo (formerly known as MyPM) and a navigation bar with links for Home, Solutions, Forums, and Tickets. A user is logged in as Craig Bennett, with links to Agent Portal, Edit profile, and Sign out.

The main content area is titled "How can we help you today?" and features a search bar. Below this, there are three main sections:

- Worx where you do:** A section highlighting the mobile solutions for field workers, featuring a collage of images showing various industrial and construction sites.
- Worx like you do:** A section emphasizing the user-centric design of BlueWorx, with a "TRY BLUEWORX NOW!" button and a "CLICK ON ME!" link.
- Community forums:** A section for users to discuss and share knowledge, with sub-sections for Announcements, Release Details, and Product Roadmap.

The right sidebar contains a "New support ticket" button and a "Check ticket status" button. The bottom of the page shows a collage of mobile app screenshots.