

General

The following is a summary outline of the BlueWorx product capabilities from a 'SAP functional' perspective. This list is **subject to improvement on release updates** so if there are other functions you need please check with Zag.

Associated Transaction Codes

Related SAP Transaction Codes have been provided in the summary below however it would be improper to suggest a 1:1 functional comparison between these transactions and the exposed BlueWorx functionality. This is because BlueWorx, by design, may expose a subset of the full transaction functionality - appropriate to the end users role, their required functions and the desired great Fiori user experience. In some cases, it delivers enhanced or new functionality whilst maintaining SAP transaction integrity.

In addition, access to the associated SAP Web GUI transaction can be enabled when using BlueWorx from a browser. This is available from the detailed screen for Orders, Notifications, Functional Locations, Equipment, Measurement Points and Materials.

Functionality	List	Display	Edit	Add	Notes	Associated Transaction Codes
Work/ Service Order						
General	Y	Y	Y*	Y*	*Add field Order functionality is available from Functional Locations; Equipment and from Equipment Notifications * Edit FL and Equipment at the Order Header * Edit Order Components	IW39,IW31,IW32,IW33
Calendar	-	Y	-	-	Display work order on a calendar display.	BlueWorx Innovation
Maps	Y*	Y	Y	Y	Point, Linear and Polygons. See GEO section in support site for details. * Map not list view	BlueWorx Innovation
Components	Y	N	N	Y	Add material Reservation for Order Operation Add material Issue for Order Add Requisition for Order Operation	IW33,MIGO/MB1A,MB21
Objects List	Y	-	-	Y	See all the technical objects (FL and Equipment) for the Work Order. Access the objects from the list, Add new Technical Objects to the List	IE03,IL03
Operations	Y	Y	Y	Y	Show Operation detail	IW39, IW31,IW32,IW33
Operation Time	Y	Y	Y	Y	Configurable option – Standard confirmation or CATS.	IW41,CAT2
Inspections	Y	Y	Y	Y	See Inspections section for details.	BlueWorx Innovation: IL02, IE02, IW21,IK11
Measurement Point	Y	Y	-	-	See Measurement Points for the WO Objects and create Measurement Documents.	IE03, IK03
Measurement Doc	Y	Y	Y	Y	Measurement documents created for the objects associated with the WO.	IE03
Partner Summary	Y	Y	-	-	Display summary details including relevant address information and Google drive link	IW33
Permits	-	Y	-	-	Display Permits and block Field Work Order for Technical Objects with required permits	IW33
PRT	-	Y	-	-	Relevant PRT items are displayed in the Order	IW33

Functionality	List	Display	Edit	Add	Notes	Associated Transaction Codes
Customer Reports	Y	Y	-	-	Online access to download Customer PDF reports from SAP and then view them offline.	BlueWorx Innovation
Documents	Y#	Y	Y	Y*	#GOS attachments; PRT documents *Edit via download, edit and then upload as a new document. Uploads to GOS for Order	
Status Updated	Y	Y	Y	Y*	Users can select from an Admin configurable list of Order and Operational Status that can, on processing in SAP, also update the Order Header or Order Operational SAP User Status. Via config Operational status changes can also start and stop internal Operational History of transfer to device and all BlueWorx users status updates are visible, when connected, to all users with access to that work order. Also visible from BlueWorx Admin timer that is then offered to the user as a time when entering confirmations.	
Notifications						
General	Y	Y	Y	Y	Ability to view, create and change Notifications.	IW21,IW22,IW23
Images	Y*	Y*	N*	Y*	* From camera or device into standard SAP Notification attachment. Images not yet Synced with SAP can be removed. Existing images are not transferred to the device. Selected image transfer to the device is on the BlueWorx development list.	IW21,IW22,IW23
Items	Y	Y	Y	Y	Test, Object Part (Filter List), Damage Code	IW21,IW22,IW23
Cause List	Y	Y	Y	Y	Text, Cause Code (Filter List), Start, End	IW21,IW22,IW23
Activities List	Y	Y	Y	Y	Text, Activity Code (Filter List), Start, End	IW21,IW22,IW23
Task List	Y	Y	Y	Y	Text, Task Code (Filter List), Start, End	IW21,IW22,IW23
Maps	Y*	Y	Y	Y	Point, Linear and Polygons. See GEO section in support site for details. * Map not list view	BlueWorx Innovation
Permits	-	Y	-	-	Display Permits, warn on Noti creation that permits exist	BlueWorx Innovation
Customer Reports	Y	Y			Customer Reports	BlueWorx Innovation
Documents	Y	Y	Y	Y*	Edit via download, edit and then upload as a new document. Uploads to GOS for Order	
Functional Locations						
General	Y	Y	Y	-	Create Inspections based on customer-maintained Inspection templates	BlueWorx Innovation:IE02, IL02, IW21,IK11

Functionality	List	Display	Edit	Add	Notes	Associated Transaction Codes
General	Y	Y	N*	N	Any required FL updates can be carried out through Inspections	IL03
FL/ Equip Structure	Y	-	-	-	Navigate up and down the FL and Equipment Structure. Retrieve from SAP when online if not on device	IH01
Characteristics	Y	Y	Y	N	Any required FL Characteristic updates can be carried out through Inspections	IL03
Deinstall/ Install				Y	Uninstall/ install uninstalled Equipment	
Inspections	Y	Y	Y	Y	See Inspections section for details.	BlueWorx Innovation: IL02, IW21,IK11
Measurement Point	Y	Y	-	-	See Measurement Points for object and create Measurement Documents.	IL03, IK03
Measurement Doc	Y	Y	Y	Y	Create Measurement Document	IK11
Bill of Material	Y	Y	N	N	Navigate to Material balances to Issue or Order (reservation) or initiate Requisition for non-stock	
Maps	Y*	Y	Y	Y	Point, Linear and Polygons. See GEO section in support site for details. * Map not list view	BlueWorx Innovation
Permits	-	Y	-	-	Display	IL03
Customer Reports	Y	Y			Customer Reports	BlueWorx Innovation
Documents	Y	Y	Y	Y*	Edit via download, edit and then upload as a new document. Uploads to GOS for Order	IL02
Equipment						
General	Y	Y	N*	N	* Any required Equipment updates can be carried out through Inspections	IE03
FL/ Equip Structure	Y	-	-	-	Navigate up and down the FL and Equipment Structure. Retrieve from SAP when online if not on device	IH01
Characteristics	Y	Y	N*	N	* Any required Equipment Characteristic updates can be carried out through Inspections	IE03
Deinstall/ Install	-	-	-	Y	Exchange installed serialized Equipment using material records. Install, install uninstalled Equipment	IE4N
Inspections	Y	Y	Y	Y	See next section for details.	BlueWorx Innovation: IE02, IW21,IK11
Measurement Point	Y	Y	-	-	See Measurement Points for object and create Measurement Documents.	IE03, IK03
Measurement Doc	Y	Y	Y	Y	Created Measurement Documents since last SAP sync.	IK11

Functionality	List	Display	Edit	Add	Notes	Associated Transaction Codes
Bill of Material	Y	Y	N	N	Navigate to Material balances to Issue or Order (reservation) or initiate Requisition for non stock	
Maps	Y*	Y	Y	Y	Point, Linear and Polygons. See GEO section in support site for details. * Map not list view	BlueWorx Innovation
Permits	-	Y	-	-	Display	IE03
Customer Reports	Y	Y			Customer Reports	BlueWorx Innovation
Documents	Y	Y	Y	Y*	Edit via download, edit and then upload as a new document. Uploads to GOS for Order	
Measurement Points						
General	Y	Y	-	-	View Measurement Points for all objects and create Measurement Documents.	IK03
Measurement Doc	-	Y	Y	Y	Created Measurement Documents since last SAP sync.	IK11, IK03
Measurement Reading List						
General	Y	Y	-	-	View Measurement Reading Lists.	IK33
Measurement Doc	-	Y	Y	Y	Created Measurement Documents since last SAP sync.	IK11
Materials						
General	Y	Y			List SAP Materials that have been transferred to the device. Exchange installed serialized Equipment. Initiate direct issues or Reservations to Orders.	RWBE
General	Y	-	-			
Issue	-	-	-	Y	Goods Issue to Order (direct)	MIGO/ MB1A
Reservation	-	-	-	Y	Goods Reservation to Order (direct)	MB21
Exchange	-	-	-	Y	Serial Equipment Exchange	IE4N
Bill of Material						
Equipment and Material BoMs	Y	-	-	-	Navigate to Material balances to Issue or Order (reservation) or initiate Requisition for non-stock. Note that BlueWorx does not support SAP configurable BoM's.	IB03, IB11
Inspections						
Inspect FL and Equipment	Y	Y	Y	Y	<ul style="list-style-type: none"> Inspections in BlueWorx offers innovative and comprehensive functionality to support asset inspections and check lists. Full details of the available function are available from the BlueWorx support site, the following is a high-level summary: 	

Functionality	List	Display	Edit	Add	Notes	Associated Transaction Codes
					<ul style="list-style-type: none"> An administrator creates an Inspection template using the BlueWorx Administration application. In the Inspection they create one or more questions. Questions have a variety of responses, ranging from simple values to sets of data to spatial coordinates. They configure how this inspection is linked to Work Orders and specific Technical Objects and whether the Inspection and its Questions are compulsory. Rules can also be used to control the questions based on asset information and other question responses The user sees the Inspections in their Work Orders and, if configured, directly against technical objects (FL and Equip) in BlueWorx The user processes the Inspection, answering the questions. This may, based on their response, be prompted to enter additional data or create a Notification on the device When finished they mark the Inspection as complete and Sync BlueWorx with SAP SAP then takes the responses and performs the configured action. This can include updates to FL and Equipment details or classification values; Measurement Point creation or Notification creation The full details of the Inspection remain in SAP as an audit-able record of the Inspection event 	
Spatial						
Direct and ESRI ARC GIS Integrated	Y*	Y	Y	Y	<p>Direct Spatial Features Overlaid over base maps provided by a map server (ESRI ARC GIS or Google) you can optionally:</p> <ul style="list-style-type: none"> Create definitions for Equipment and FL objects (assets): <ul style="list-style-type: none"> Spatial Locations – Point, Linear, Polygons (asset location) Spatial Annotation – Point, Linear, Polygons (additional spatial information for assets) Create definitions for Work Order and Notifications/ FL and Equipment for <ul style="list-style-type: none"> Spatial Actions – Point, Linear, Polygons (work location for assets) <p>All information is stored inside SAP and is accessible via provided series of web services. Search for assets spatially in SAP when online and retrieve to device.</p> <p>ESRI ARC GIS Spatial Provides for the use of:</p> <ul style="list-style-type: none"> ESRI Base Maps 	

Functionality	List	Display	Edit	Add	Notes	Associated Transaction Codes
					<ul style="list-style-type: none">Spatial Layers Search for assets spatially in ESRI when online and then retrieve related records from SAP to device. See GEO section in support site for details. * Map not list view	