

# Arrigo Local 1.0 supported features compared to EXOscada 2019

Rev 0.1a

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*Regin reserves changing any priorities or support of any function with little or no notice.  
This document is supplied “as-is” and tries to represent the intention of supported  
features to the best possible level.*

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## Introduction

Arrigo BMS is a new generation software designed by Regin to not only replace EXOscada but also to take full advantage of new technologies and platforms such as Cloud computing, IoT and device/OS independence.

Considering the large number of EXOscada installations the mission was to make Arrigo BMS as compatible as possible with EXOscada while at the same time not restricting it to future technologies and strategies. As Arrigo BMS is a new software this does result in certain compromises. These can be summarized into 3 categories:

1. **Converted with no change:** The feature is converted without any significant modification to its use or methodology.
2. **Converted with change:** The feature isn't converted but rather replaced by alternate feature/function /methodology.
3. **Not converted:** The feature cannot be converted.

In addition to the above, the features have been prioritized as follows:

- a) **Highest:** Everyday use by operator on any device
- b) **Medium:** Conversion process by integrators and creating new project from beginning to end
- c) **Low:** Intermittent use by operator

## Summary

Even though most functions have been migrated to Arrigo BMS, there are a few that still will require a user to log in to EXOscada after a full conversion to Arrigo BMS. We recommend using EXOscada Chromium for full functionality when accessing EXOscada.

**User Administration:** User Administration can only be accessed through EXOscada. Migration of User Administration to Arrigo Platform is anticipated mid-2021.

**Time Scheduler:** Controller level Time Scheduler is planned to be released in November 2020, in the meantime, EXOscada is required to access Time Scheduler. A new Global Time Scheduler (TMS) application is planned for Arrigo Platform during 2021 which will be based on BACnet Time Scheduler principles.

**Reports:** All reports are initially available through EXOscada and will be fully supported in Arrigo BMS before 1 April 2021.

## Details

The following table shows conversion details of the most important features.

**Function:** The main area of the function

**Sub Function:** short description of feature

**Available:**

- Yes: the feature is available
- No: the feature will not be available
- NEW: brand new feature that didn't exist earlier

**Date:** The date the feature is available (if Yes or NEW in previous field)

=: the converted feature is as close as possible to the implementation in EXOscada

≈: The converted feature is different to the implementation in EXOscada

≠: The converted feature is a different implementation to EXOscada

<b>Planning until 1 april, 2021</b>							
<b>Function</b>	<b>Sub function</b>	<b>Available</b>	<b>Date</b>	<b>=</b>	<b>≈</b>	<b>≠</b>	<b>Comment</b>
Alarms widget	number of active	NEW	27-Oct-20				
Alarms widget	number of returned	NEW	27-Oct-20				
Alarms widget	number of acknowledged	NEW	27-Oct-20				
Alarms widget	number of blocked	NEW	27-Oct-20				
Alarms widget	5 alarm items	NEW	27-Oct-20				
Alarms widget	click to navigate to alarms	NEW	27-Oct-20				
Alarms widget	click to navigate directly to details	NEW	27-Oct-20				
Alarms widget	sort on date, event text, event and priority	NEW	27-Oct-20				
Charts Widget	edit from configuration	NEW	27-Oct-20				
Dashboard	Read/Change from configuration	NEW	27-Oct-20				
Dashboard	Add/edit/remove widgets	NEW	27-Oct-20				
Dashboard	Add from template	NEW	27-Oct-20				
Dynamics Link Icon	Click to navigate directly to picture/process view	NEW	27-Oct-20				
Dynamics Widget	list Content from list view file	NEW	27-Oct-20				
Dynamics Widget	Handle symbol element	NEW	27-Oct-20				
Dynamics Widget	Handle static element	NEW	27-Oct-20				
Dynamics Widget	Handle numeric element	NEW	27-Oct-20				
Dynamics Widget	Show title and icon only	NEW	27-Oct-20				
Dynamics Widget	Show title, value and icon on numeric element	NEW	27-Oct-20				
Dynamics Widget	Picture change on symbol	NEW	27-Oct-20				
Dynamics Widget	Write/set new value	NEW	27-Oct-20				
Dynamics Widget	Show animation views inside widget	No					Use SVG in widget
Dynamics Widget Templates	Create own template	NEW	27-Oct-20				
Dynamics Widget Templates	Pressure control, Air handlign units, heating, cooling etc...	NEW	27-Oct-20				
Alarms	List alarms	Yes	27-Oct-20	√			
Alarms	see alarm details	Yes	27-Oct-20	√			
Alarms	event details	Yes	27-Oct-20	√			
Alarms	list alarm events for alarm	Yes	27-Oct-20	√			

Alarms	list alarm history for single alarm	Yes	27-Oct-20	√			
Alarms	filter on free text, priority and event type	Yes	27-Oct-20	√			
Alarms	block	Yes	27-Oct-20	√			
Alarms	acknowledge	Yes	27-Oct-20	√			
Alarms	unblock	Yes	27-Oct-20	√			
Alarms	Edit priority	Yes	27-Oct-20	√			
Alarms	edit title	Yes	27-Oct-20	√			
Alarms	edit description	Yes	27-Oct-20	√			
Alarms	edit alarmtext	Yes	27-Oct-20	√			
Alarms	reset no of alarms	Yes	27-Oct-20	√			
Alarms	edit action text	Yes	27-Oct-20	√			
Alarms	edit event notes	Yes	27-Oct-20	√			
Alarms	Free filter based on column in SQL	Yes	27-Oct-20			√	Free text search in filter panel
Charts	Line graph type	No					Pending feedback and demand
Charts	Add smart signals	No					Pending feedback and demand
Charts	Formula engine for Axis	No					Pending feedback and demand
Charts	Digital signal - as states with levels	No					Pending feedback and demand
Charts	Add signal from configuration	Yes	27-Oct-20	√			
Charts	Add signal from runtime	Yes				√	Priority not set
Charts	Show/hide signal from configuration	Yes	27-Oct-20	√			
Charts	Show/hide signal from runtime	Yes				√	Priority not set
Charts	Combined realtime and historical chart	Yes				√	Priority not set
Charts	Multiple Y-axis	Yes	27-Oct-20	√			
Charts	Templates	Yes					Priority not set
Charts	Export to csv, excel	Yes					Priority not set
Charts	Digital signal- show as digital	Yes	27-Oct-20			√	
Charts	Add signal from drag n drop	Yes					Priority not set
Charts	XY-plot	Yes	27-Oct-20				EMS only
Charts	Export to pdf	Yes					Priority not set
Charts	Export via copy to json	Yes					Priority not set
Charts	Interpolation	Yes	27-Oct-20			√	Douglas-Ramer Pecker/Åla Group algorithm

Conversion Tabs and Commands	Convert from tabs to widgets and link icons	Yes	27-Oct-20			v	
Conversion Views	Import in Animation View Tool.	NEW	27-Oct-20				
Conversion Views	EXObasic	No					Rewrite to JavaScript
Conversion Views	Numeric with keypad	No					Use JavaScript
Conversion Views	Object	No					Only used for reports, this will be solved elsewhere
Conversion Views	Command Bar	No					Use JavaScript
Conversion Views	Trend	No					Use Chart Widget
Conversion Views	Existing Templates	No					Reusing CW2 templates
Conversion Views	Notes	No					Pending user feedback and demand
Conversion Views	Bar Graph	Yes	27-Oct-20			v	
Conversion Views	Button	Yes	27-Oct-20			v	
Conversion Views	Check Box	Yes	27-Oct-20			v	
Conversion Views	Click Area	Yes	27-Oct-20			v	
Conversion Views	Control Curve	Yes	27-Oct-20			v	
Conversion Views	Date	Yes	27-Oct-20			v	
Conversion Views	Element Group	Yes	27-Oct-20			v	
Conversion Views	Frame	Yes	27-Oct-20			v	
Conversion Views	Line	Yes	27-Oct-20			v	
Conversion Views	numeric	Yes	27-Oct-20			v	
Conversion Views	Popup Menu	Yes	27-Oct-20			v	
Conversion Views	Symbol	Yes	27-Oct-20			v	
Conversion Views	Text	Yes	27-Oct-20			v	
Conversion Views	Text Select	Yes	27-Oct-20			v	
Conversion Views	Color	Yes	27-Oct-20			v	
Conversion Views	Click actions	Yes	27-Oct-20		v		Few exceptions
Conversion Views	Auto Convert when view is found in widget	Yes					Priority not set
Conversion Views	Complete conversion of single area	Yes					Priority not set
Dynamics	View picture	Yes	27-Oct-20				
Dynamics	Templates	Yes	27-Oct-20			v	
Events	System User log	Yes	27-Oct-20		v		
Events	Event log	Yes	27-Oct-20		v		

Reports	Views to show reports	Yes					Priority not set
Reports	Downloadable reports (e.g. PDF as download file)	Yes					Priority not set
Reports	Trigger Reports with arguments	Yes					Priority not set
Reports	Trigger reports with live arguments	Yes					Priority not set
Scheduler	Dynamic view with SVG	Yes	20-Nov			v	Priority not set

End

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