

Introduction

This Application Note describes the features available in the RAPIX software that allows the progress of the commissioning process to be recorded, viewed and reported.

Unit Progress Status

The progress of each unit can be tracked through the commissioning progress from when no work has been performed for it, through to when it is finished. The unit progress status stages are listed in the table below.

Unit Progress Status	Meaning
New	No work has started on the unit.
Database Started	Off-line (database) work on the unit has started.
Database Finished	Off-line (database) work on the unit has finished.
Confirmed	There is a live unit of the correct type at the correct address.
In Progress	Some work has started on the live unit.
Commissioned	The commissioning of the unit is finished, subject to testing.
Tested	The unit operation has been tested and is working correctly.
Accepted	The operation of the unit has been witnessed/accepted by the customer.
Finished	All work has finished.

The progress status stages can be customised according to the workflow to be used for each site. All progress status stages are optional, with the exception of **New** and **Confirmed**.

For a very simple site, it may be adequate to just enable the basic progress status stages:

1. New
2. Confirmed
3. Finished

For a site that will have much of the work performed off-line, the progress status stages could be:

1. New
2. Database Started
3. Database Finished
4. Confirmed
5. Finished

For a site that will have much of the work performed on-line, the progress status stages could be:

1. New
2. Confirmed
3. In Progress
4. Finished

Options

The progress status options to be used for new projects can be set on the **Progress** tab of the **Options** form.

Progress Status
Show the selected progress status for new projects:

- New
- Database Started
- Database Finished
- Confirmed
- In Progress
- Commissioned
- Tested
- Accepted
- Finished

The Options Form, Progress Tab

The progress status options for each project can be set on the **Site** tab, **Progress** view (see below).

Viewing Unit Progress Status

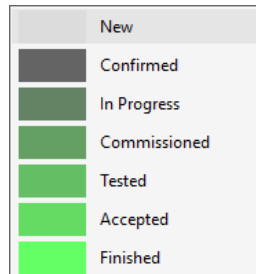
The progress status of each unit is shown in the **Progress** column of the **Addressing** view.

DALI Units										Show: Filter
Database			DALI Line				Confirm All			
Address	Name	Device Type	Device Type	Requested	New	Confirmed	Progress	State		
0	Device 0	Emergency	Emergency	<Choose>	0	<input type="checkbox"/>	New			
1	Device 1	Relay	Relay			<input checked="" type="checkbox"/>	Confirmed			
2	Device 2	Relay	Relay			<input checked="" type="checkbox"/>	In Progress			
3	Device 3	LED	LED			<input checked="" type="checkbox"/>	Tested			
4	Device 4	LED	LED			<input checked="" type="checkbox"/>	Tested			
5	Device 5	LED	LED			<input checked="" type="checkbox"/>	Finished			
6	Device 6	LED	LED			<input checked="" type="checkbox"/>	Finished			

The Unit Progress Status on the Addressing View

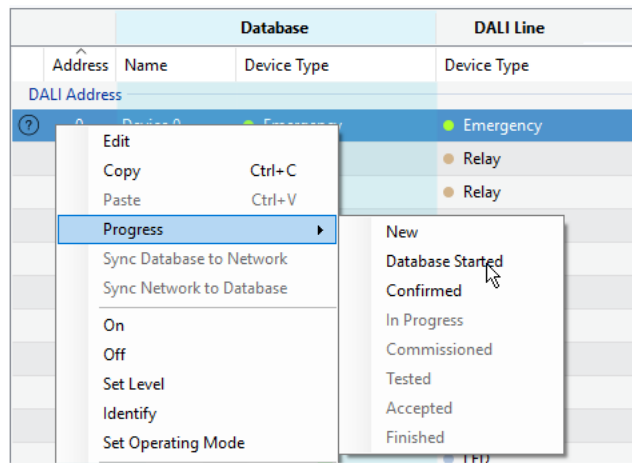
Setting Unit Progress Status

The simplest way to change the progress status of a unit is to click on the progress status in the Progress column and select the new status from the pop-up list.



The pop-up progress status selection list

The unit progress status can also be changed by right-clicking on the unit and selecting the required status. Note that some progress status options may not be available. For example, the progress status options after **Confirmed** cannot be selected until the unit has been confirmed.



The unit Progress menu

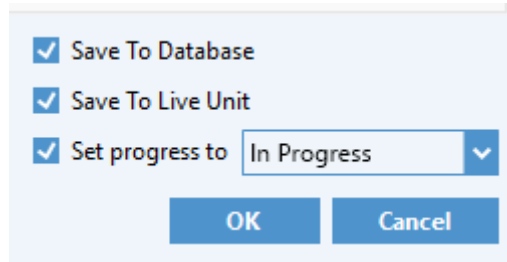
The progress status of multiple units with the same status can be changed as follows:

1. Select the units using CTRL + Click or SHIFT + Click.
2. Right-click on one of the units, and select the **Progress** menu item.

The unit progress status can also be changed between **New** and **Confirmed** by clicking on the check box in the **Confirmed** column of the **Addressing** view.

Automatic Update of Progress Status

When editing a unit, the progress status can be updated at the same time by selecting the **Set Progress To** check box and the desired progress status.



Setting the progress status when editing a unit

The recommended change in progress status will be pre-selected in accordance with the table below.

Current Status	Recommended new status
New	Database Started (if option is enabled)
Database Started	Database Finished (if option is enabled)
Database Finished	-
Confirmed	In Progress (if option is enabled), otherwise Commissioned (if option is enabled), otherwise Finished (if option is enabled)
In Progress	Commissioned (if option is enabled)
Commissioned	-
Tested/Accepted/Finished	Commissioned (if option is enabled), otherwise In Progress (if option is enabled), otherwise Confirmed

Recommended changes to progress status when editing a unit

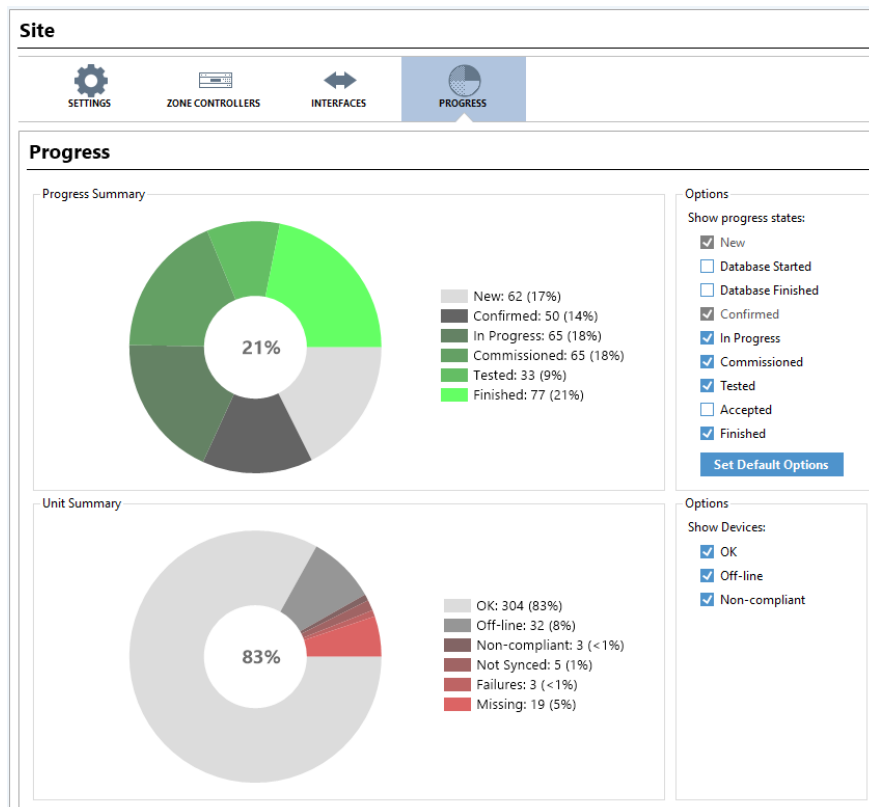
Similar changes will be made when syncing a unit from database to live, as shown in the table below.

Current Status	New status
New	-
Database Started	-
Database Finished	-
Confirmed	In Progress (if option is enabled)
In Progress	-
Commissioned	-
Tested/Accepted/Finished	Commissioned (if option is enabled), otherwise In Progress (if option is enabled), otherwise Confirmed

Changes to progress status when syncing a unit from database to live

Site Summary

A summary of the progress of all units in the project can be found on the **Site** tab, **Progress** view.



The Progress view on the Site tab







This tab has:







- A summary of all units grouped by their progress status
- Selection of which progress status options are to be used for the project.
- A summary of all units, grouped by their error conditions. This includes no error (“OK”).
- Selection of which error conditions are to be displayed.

Project Report

The project report contains the same information as the **Progress** view, but in tabular form.

Unit Status Summary

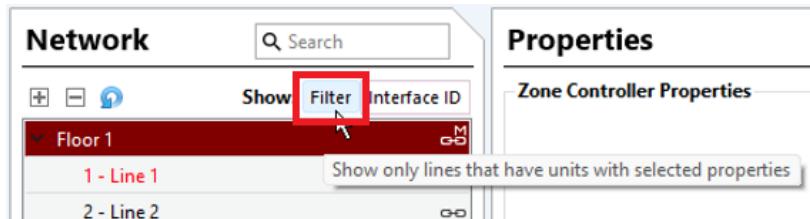
	Progress	Quantity
	New	62 (17%)
	Confirmed	50 (14%)
	In Progress	65 (18%)
	Commissioned	65 (18%)
	Tested	33 (9%)
	Finished	77 (21%)

	Status	Quantity
	OK	304 (83%)
	Off-line	32 (8%)
	Non-compliant	3 (<1%)
	Not Synced	5 (1%)
	Failure	3 (<1%)
	Missing	19 (5%)

An example of the unit summary in a project report

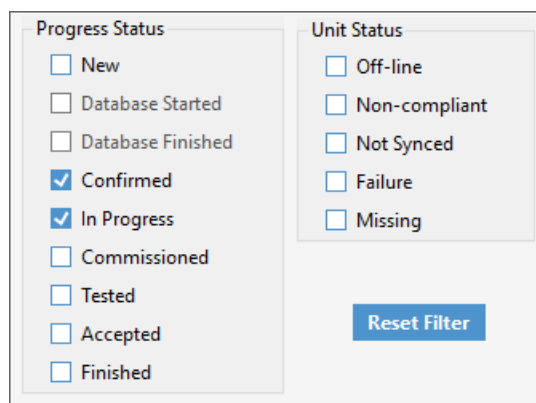
Finding Units by Progress or Error Condition

To view just DALI Lines that have units with a particular progress status or error condition, click on the network view **Filter** button.



Network view Filter button

The unit filter pop-up form will be displayed. Select the options required and click on the **OK** button.

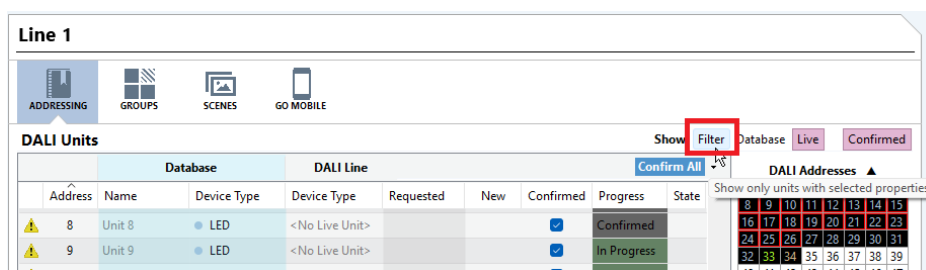


The unit filter

Any DALI Lines that do not have any units with the selected properties will be hidden.

Click on the **Filter** button again to show all DALI Lines again.

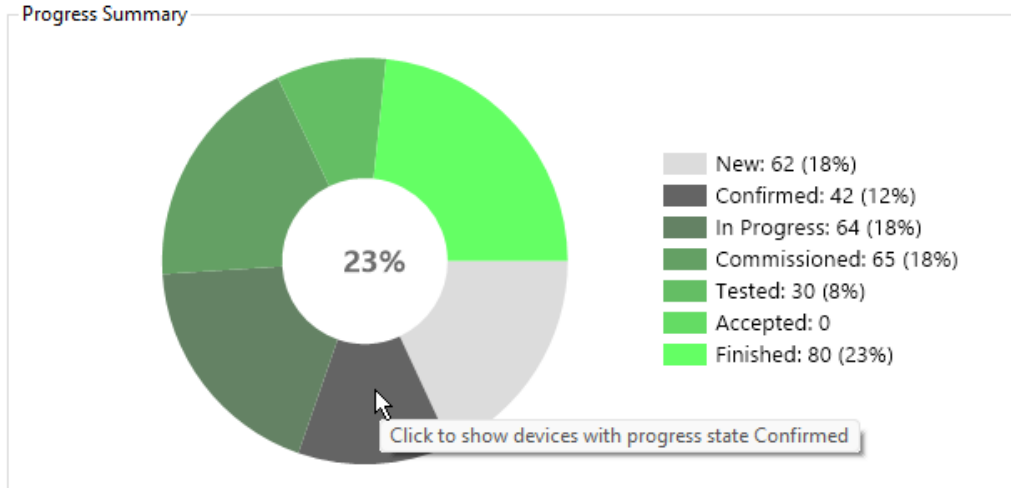
In a similar manner, the units shown in the **Addressing** view can be filtered by clicking on the **Filter** button.



Addressing view filter button

Any units that do not have the selected properties will be hidden.

A quick way to find units with a particular status is to click on one of the items in the site summary. This will filter the **Network** view and the **Addressing** view so that only those units are shown.



The Site Progress Summary showing the pop-up hint for the click action

Change History

Rev	Date	Updated By	Comment
1	22 Oct 2025	DS	First Release

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