

V1.43 Release Notes

GoTechnology hub2

1. About this Document

Purpose

This document provides a brief overview of the changes made between V1.42.1 and V1.43 of GoTechnology hub2, along with where further details of each change can be found within the updated functional specification, in addition to a listing of completed bug fixes and known issues.

2. Fixed Issues

The following issues have been fixed in version 1.43 of hub2

Case	Title [sic]	Details
81580	Failing Tag PWL Import	If a Tag PWL import was missing the PWL column, the import was not successful and a message was displayed asking the user to contact the Support Team. This has been improved so that a message is now displayed that explains that the PWL column is missing and must be added for the import to run.
85787	Pagination missing on Procedures grid	When viewing a Procedure Handover, a list of Procedures is displayed. This list was missing any pagination buttons, meaning that it was only possible to view the first few procedures. The page buttons are now displayed so that it is possible to view the next procedures.
85770	Scheduled Reports Results	On the Scheduled Reports Results page it was possible to see report results from other levels. This has been corrected so that only Scheduled Reports that belong to the current level are displayed.
80332	Level E Name bookmark not populated in App	Sometimes the Level E Name bookmark was not being populated on digital documents on the Companion App. This has been fixed.
N/A	Error when signing off Tag ITRs	If a digital document header field contained a backslash character – “\”, then an error occurred when saving the digital document. This has been modified so that the document will save successfully when header fields contain backslashes.
90379	Skylines paging	There was an issue where on some Skylines nothing happened when clicking the paging buttons on the ITRs grid on the pop-up. This has been fixed.

3. Known Issues

A full list of “Known Issues” can be found at <https://qedi-gotechnology.github.io/>

4. Features

The following functionality has been added in v1.43:

- Soft delete
- Raising PLIs on Tag PWLs
- Authorised Person Detailed Report
- Rejection Reasons in emails
- Task limit increased
- Process Builder stage rejection behaviour
- Process Builder Detailed Report
- API - Updating Custom Values on PLIs

5. Companion App Features

Version 1.13 of our GoTechnology hub2 Companion Application has also been released alongside GoTechnology hub2 v1.13. The following new functionality has been added to the App.

- Raising PLIs on Tag PWLs

- New filters on Tag ITR Search
- New filters on Tag PWL Search
- Custom Fields on PLIs

The application can be downloaded from the App Store or the Google Play Store at the following links

- Apple: <https://apps.apple.com/us/app/gotechnology-companion-app/id1485718605>
- Google: https://play.google.com/store/apps/details?id=com.wcs.hub2DigitalDocuments&hl=en_GB

6. Soft Delete

For more details, please see section 12 – Soft Delete of the v1.43 Functional Specification

The screenshot shows the 'Deleted Items Search' interface. At the top, there are tabs for 'Recent Searches' and 'Saved Searches'. Below these are buttons for 'Search', 'Clear', and 'Save Search'. The main search area has a 'SEARCH' tab and a 'Entity Type: ITR' dropdown. There are input fields for 'Name', 'Entity Type' (with a search icon), and 'Deleted by' (with a search icon). Below the search area, there are buttons for 'Search', 'Clear', and 'Save Search'. The 'Search Results' section includes an 'Export' button and a table with columns: Name, Deleted By, Deleted Date, and History. The table lists three items: A16A, A19A, and A22A, all deleted by 'Claire' on '23 Feb 2022'. At the bottom, there are pagination controls showing 'Page: 1 of 1', 'Page Size: 20', and 'Item 1 to 3 of 3'.

	Name	Deleted By	Deleted Date	History
<input type="checkbox"/>	A16A	Claire	23 Feb 2022	A16A
<input type="checkbox"/>	A19A	Claire	23 Feb 2022	A19A
<input type="checkbox"/>	A22A	Claire	23 Feb 2022	A22A

Figure 1. The Deleted Items Search page showing deleted ITRs

Soft delete has been added to a number of entities within hub2. This means that if these items are deleted a record will be maintained allowing Admin users to see what has been removed.

To view the deleted items, go to Admin -> Deleted Items -> Select an Entity Type -> Click Search. **Note, that there must always be an Entity Type selected to return any results.**

The search results show who deleted an item and when and has a link to the full history of that item.

Soft delete applies to the following items:

- All entities under Refs table menu
- Work packs
- Job cards
- Operations
- All Tagged Items (Cables, Tags, Spools, Lines, Mechanical Joints, Test packs, Tag Sets)
- Tag ITRs
- Multi Tag ITRs
- Punch lists and Punch List items
- Procedures (Procedure Sections, Steps, Skeletons, Skeleton Sections, Skeleton Steps etc.)
- Tag PWLs
- MOCs
- Assurance Trackers
- Documents (As Built Drawings)

7. Raising PLIs on Tag PWLs

It is now possible to ensure that Punch List Items are raised during the completion of a Tag PWL document, when specific task answers are made.

Check Box Type: OK|NA|PL

Save

Save & View

Check Box Labels

OK

Remove

NA

Remove

PL

Remove

+ Add Check Box

☐ Is Default

Save

Save & View

Punch List Check Box

PL

Figure 1. Specifying the check box answer for Punch List Items

To configure this feature, go to Ref. Tables -> Digital Check Box Types and edit one. In the Punch List Check Box field select one of the checkbox options, for example “PL” above. If you do not want to use this feature, select “No checks raise punch lists”.

ed Items

Certification

Punch List

Handover

System NO ME 079

Location Onshore

Description Change this Ta

Drawing Reference / Rev.

Make:

Task Progress

Tasks

1 - Holding down arrans

Task Result:

Add Image

2 - No mechanical dama

Task Result:

Add Image

3 - Check unit for clean

Task Result:

Punch List Item Details

Punch List

Required

Number

Required

Punch List Item Category

Required

Description

Required

Detailed Description

Raised By

Required

Raised Date

dd/mm/yyyy

Discipline

Required

PLI String CF

PLI CRT

PLI Boolean CF

(None) Yes No

PLI Date CF

dd/mm/yyyy

Tag ITR

076-E3979 - E33A

Punch list item will not be created until the digital document is saved.

OK

Cancel

Clear

Figure 2. Creating a new PLI after clicking the PL answer on a Tag PWL Task

Then when completing a digital document, if a user clicks the “PL” checkbox option a pop-up will be displayed where the details of the new Punch List Item can be entered. It will not be possible to save the digital document without creating a Punch List Item for each task where this checkbox has been selected.

The screenshot shows a task interface with a header bar containing 'Tasks', 'Show All Tasks', and 'Collapse All Tasks'. Below the header, there is a task description '1 - Holding down arrangement correct.' and a 'Task Result:' field. To the right of the task result, there are buttons for 'OK', 'NA', 'PL', and a red 'X' button. At the bottom of the task result field, there are buttons for 'Add Image', 'Edit PLI 001 - 45', and 'Delete PLI 001 - 45'.

Figure 3. Edit/Delete PLI buttons on a Tag PWL Task

After saving the document the task will have new buttons for editing/deleting the associated Punch List Item.

8. Authorised Person Detailed Report

For more details, please see section 43 – Custom Reports of the v1.43 Functional Specification

The screenshot shows a form for creating an authorised person detailed report. It has two main sections: 'Select Type' and 'Select Columns'. The 'Select Type' section has a dropdown menu with 'Authorised Person' selected. The 'Select Columns' section has a grid of buttons for selecting columns to include in the report. The columns are: Name, Position, Professions, Review As Built Drawings, Sign Off Tag ITRs, Sign Off MOC, Sign Off Preservations, Sign Off Handovers, Sign Off Work Pack Approvals, Hub User, Company, Accept As Built Drawings, Sign Off Job Cards, Sign Off Punch List Items, Sign Off Procedures, Sign Off Test Packs, Sign Off Work Packs, and Sign Off Assurance Trackers.

Figure 4. Creating an Authorised Person Detailed Report

Detailed Reports can now be generated for Authorised Persons. To create one, go to Reports -> Create New Detailed Report -> select Authorised Person as the Type, and then choose the fields to include on the report.

Authorised Person Detailed Report					
Refit					
Name	Position	Sign Off Tag ITRs	Sign Off Punch List Items	Sign Off Preservations	Sign Off Test Packs
Anastasija	Commissioning Engineer	True	False	False	False
Dave	Commissioning Engineer	True	True	True	True
Fred	Commissioning Engineer	True	True	False	False
Iain	Commissioning Engineer	True	False	False	True
Isla	Commissioning Manager	True	True	True	True
John Smith	Commissioning Engineer	True	False	False	False
Maria	Commissioning Engineer	True	True	True	True
Oskar	Commissioning Engineer	True	False	True	False
Steve	Commissioning Engineer	True	True	True	True
Suzie	Commissioning Engineer	True	True	True	True
Wei Shen	Commissioning Engineer	True	False	False	False

Figure 5. Example of an Authorised Person Detailed Report

To run the Report, go to Report -> Report List and click on the new report. Choose filters if desired and click Run PDF or Run Excel.

9. Rejection Reasons in Emails

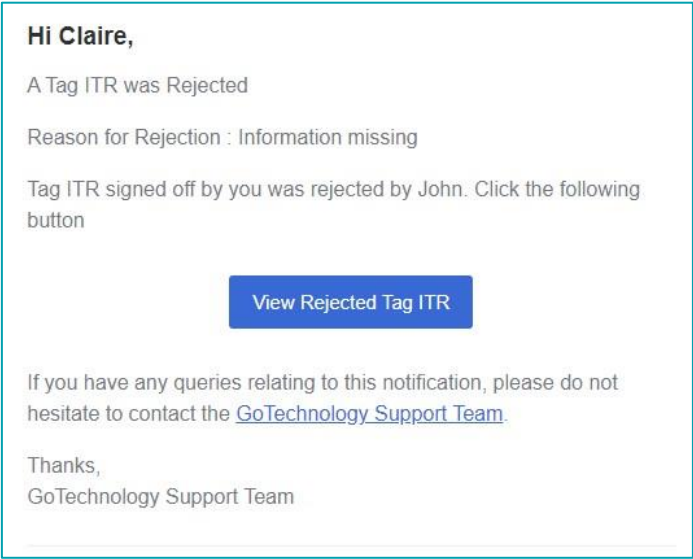


Figure 6. A Tag ITR rejection email showing the Rejection Reason

When a Tag ITR is rejected, a notification email is sent to the users who signed it off. This email now includes the Rejection Reason given by the user who rejected it.

This change also applies to the emails sent when a Tag PWL is rejected.

10. Task Limit Increased

Digital documents previously had a limit of 100 tasks. This has been increased so it is now possible to create digital documents that have up to a maximum of 200 tasks.

11. Process Builder Stage Rejection Behaviour

For more details, please see section 45 – Process Builder of the v1.43 Functional Specification

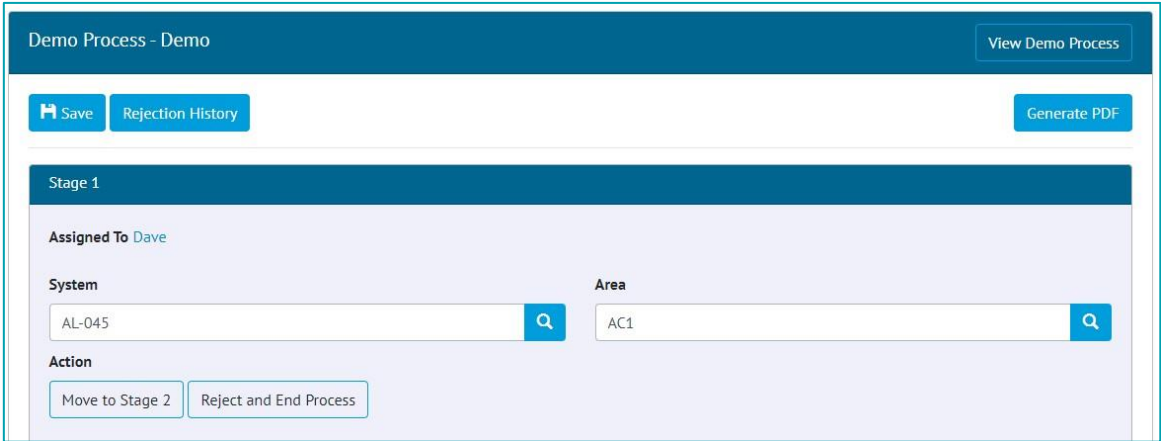


Figure 7. A rejected process showing the values previously entered for this stage

When a Process is rejected to an earlier Stage, it now retains the values that were previously entered for that stage, so there is no need to gather that information again. Any necessary changes can be made and then the Process can continue to the next Stage.

Rejection History

View Demo Process

Name Demo Process

Rejected At Stage 2

Rejection Reason Rejected because there is some missing information.

Figure 8. The new Rejection History view

There is a new Rejection History button at the top of the Process Document page. This displays all the rejection history in a single place making it easier to follow.

12. Process Builder Detailed Report

For more details, please see section 45 – Process Builder of the v1.43 Functional Specification

Process Detailed Report

Process Type

FOB

Q

Run PDF

Figure 9. The Process Builder Detailed Report generation screen

There is now a Detailed Report available in the Process Builder. To generate this go to Process Builder -> Detailed Report -> Select a Process Type -> Click Run PDF.

Process Detailed Report																		
Refit																		
Name	Description	Phase	Area	System	Discipline	Originator	Date Raised	Fault Priority	Fault Category	Safety Case Impacted	Software Modification Required	Change Control Applicable	Construction Rework Required	Current Stage	Assigned To	Days at Current Stage	Days Overdue	FOB Status at Close-Out
P5	Sample Process	Phase A	AC1	AL-048	E	Cara	25 Feb 2022	Medium	Cat A	No	No	No	No	Complete	Dave			Done
P10	Demo Process	Phase A	CDR	AL-045	E	Iain	2 Feb 2022	Low	Cat A	Yes	Yes	Yes	Yes	Complete	Dave			Green
P14	1276			AL-061		Isla	2 Feb 2022							Process Stage 1	Fred	0		

Figure 10. Example of a Process Builder Detailed Report

The columns will only be populated if there are fields on the Process Type with the same names.

13. API - Updating Custom Values on PLIs

PUT

/api/PunchListItem/{name}/CustomValues

Updates the custom values for a Punch List Item

Figure 11. Swagger page showing new API PUT endpoint

The API now includes support for updating Custom Values on Punch List Items. There is a new PUT endpoint that allows the custom values on a Punch List Item to be updated.

For more information see the Swagger page: <https://yourHub2Instance/swagger>

14. App - Raising PLIs on Tag PWLs

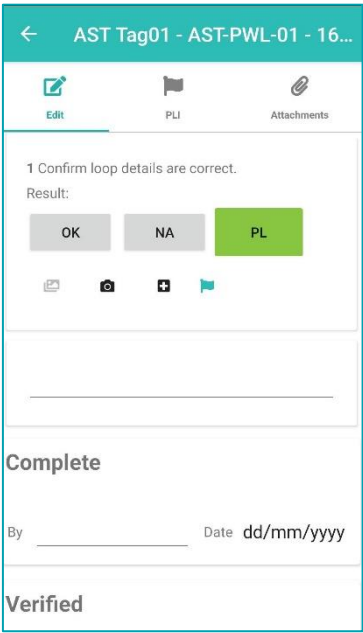


Figure 12. Tag PWL Document screen showing PLI flag where a PLI has been raised against a task

The app also now ensures that Punch List Items are raised for every digital document task where the “PL” check box was chosen, if the PWL uses a Digital Check Box Type which has this feature turned on.

When the user taps the “PL” checkbox they will be taken to the Add PLI screen where the details can be entered. A PLI flag icon is then displayed by the task. To edit the PLI, tap the flag icon. The PLIs can also be found on the PLI tab.

The new PLI will be uploaded to hub2 when the Tag PWL is uploaded, or the device is synced.

15. App - New filters on Tag ITR Search

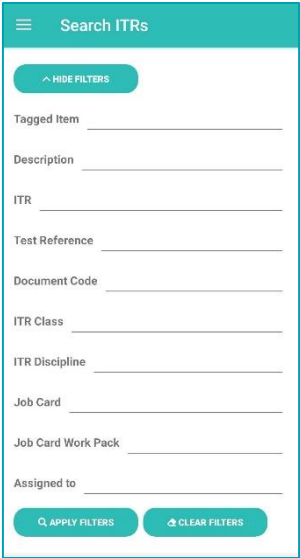


Figure 13. The new filters on the Tag ITR Search screen

There are new search filters available for Tag ITRs. These are:

- ITR Discipline
- Tagged Item Description

16. App - New filters on Tag PWL Search

Search PWLs

^ HIDE FILTERS ↕

Tagged Item _____

Description _____

PWL _____

Document Reference _____

Discipline _____

PWL Discipline _____

Assigned to _____

System _____

Sub System _____

Source Drawing _____

APPLY FILTERS CLEAR FILTERS

Figure 14. The new filters on the Tag PWL Search screen

There are new search filters available for Tag PWLs. These are:

- PWL Discipline
- Tagged Item Description

17. App - Custom Fields on PLIs

Punch List Item Det... ✎ ⋮

Details Attachments

Punch List Item: 055/001 - 1

Document Code: YZDXQR

Document Reference: Punch List: 055/001

Number: 1

Punch List Item Category: B

Description: Punchlist 055 Item No. 1

Detailed Description: Discipline: Z

Is Owl Task: No

Raised By: Steve

Raised Date: 20/01/2022 00:00:00

Primary Handover: Secondary Handover: PLI String CF: Custom value

PLI CRT:

PLI Boolean CF: Yes

PLI Date CF: 11 Mar 2022

Tagged Item: sm-It-001

Figure 15. Custom Fields called “PLI String CF”, “PLI Boolean CF”, “PLI CRT” and “PLI Date CF” shown on the View PLI screen

Custom Fields are now available on Punch List Items on the App. The fields are shown when viewing a PLI, and they can be edited, and the new values are then uploaded to hub2 when syncing the App.

←

Punch List Item Edit

Number: 1

Description: Punchlist 055 Item No. 1

Detailed Description:

Punch List Category: B

Raised Date: 20/01/2022

Raised By: Steve

Punch List: 055/001

Discipline: Z

PLI String CF: Custom value

PLI CRT:

PLI Boolean CF:

YES

NO

PLI Date CF: 11/03/2022

Figure 1. Custom Fields called “PLI String CF”, “PLI Boolean CF”, “PLI CRT” and “PLI Date CF” shown on the Edit PLI screen