

Ideagen InPhase 24

Release Notes 24.2.0

February 2025

Commercially confidential

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InPhase 24.2

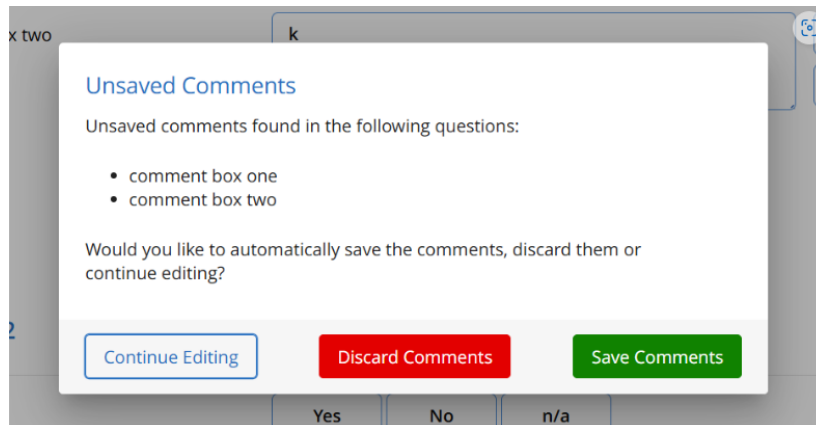
Breaking Changes

No breaking changes since 23.1.

Questionnaire Improvements

Unsaved Comments

If a user attempts to save a Questionnaire without pressing the Add button, a dialog will be shown to allow the user to choose whether include, discard or continue editing.



Action Cards

The list of actions on Questionnaire now display extra information:

- Owner
- Start, End and Due date
- Stage
- Progress

Actions



Please use the icon to the right to add an action to this record

Full Inventory Check of Ward B ×

Inphase Consultancy

30 Jan 25 - 12 Feb 25 - **28 Mar 25**

In Progress, 20% done

+

Audit History

The Audit History dialog has been updated to show a filterable table of the changes to a Questionnaire Instance.

History

Modified	Modified by	Action	Section	Question	Change
Jan 15, 2025, 10:28:16 AM	Inphase Consultancy	UPDATE	Questions	Is it a ... ?	Yes
Jan 15, 2025, 10:28:16 AM	Inphase Consultancy	UPDATE	Questions	Choice	0 - 16
Jan 15, 2025, 10:28:16 AM	Inphase Consultancy	UPDATE	Built-In	InPhase Stage	New
Jan 15, 2025, 10:28:16 AM	Inphase Consultancy	UPDATE	Built-In	InPhase Questionnaire Version	No changes
Jan 15, 2025, 10:28:16 AM	Inphase Consultancy	UPDATE	Built-In	InPhase Score	0
Jan 15, 2025, 10:28:16 AM	Inphase Consultancy	UPDATE	Built-In	InPhase Zero Score For Critical Fail	0
Jan 15, 2025, 10:28:16 AM	Workflow	UPDATE	Built-In	InPhase Stage	Completed

[OK](#)

Large List Handling

Where a choice or multiple choice question uses a list with hundreds of items, the list is not embedded into the questionnaire and will use api calls to return matching items. This reduces the size of the Questionnaire and reduces impact on the browser.

Trigger populating Email Question

If an Email question is populated from in a trigger using the current User or current user's Manager, the question will be set to their email address if available.

Pre Populate questions via URL

The create new instance of a questionnaire link supports pre-populating question answers. The parameter structure required is "q-[reporting alias of question]=[value]". For dates, please use the format "yyyy-MM-dd" e.g. 2025-02-10 for the first of February 2025.

To force the LFPSE Type (reporting alias is "Type"), the url could be:

`/Questionnaire/Create?name=LFPSE%20Incident&q-type=outcome`

LFPSE

Reported Date	<input type="text" value="14/02/2025 13:54"/>
What kind of event do you want to record? <small>(?) *</small>	<input type="button" value="Incident"/> <input checked="" type="button" value="Outcome"/> <input type="button" value="Risk"/> <input type="button" value="Good Care"/>

`/Questionnaire/Create?name=LFPSE%20Incident&m=1&q-type=good%20care`


Reported Date	<input type="text" value="14/02/2025 13:58"/>
What kind of event do you want to record? <small>(?) *</small>	<input type="button" value="Incident"/> <input type="button" value="Outcome"/> <input type="button" value="Risk"/> <input checked="" type="button" value="Good Care"/>

Multiple questions can be set including the Patient Demographics if the link can be generated from a PAS system:

Questionnaire/Create?name=LFPSE%20Incident&m=1&q-type=incident&q-Has%20Injured=yes&q-DateOfBirth=2000-01-01 &q-firstname=ideagen&q-surname=inphase &q-hospitalnumber=123456

Patient

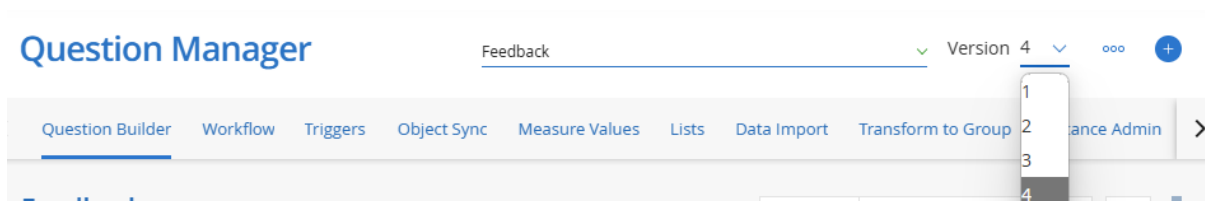
If the event you are recording affects 10 or more patients, please record only the single most severe actual or anticipated harm here, and provide fuller details of the event's impact within the free text field labelled "Describe what happened"

NHS Number	<input type="text" value="NHS Number"/>
First Name	<input type="text" value="Ideagen"/>
Surname	<input type="text" value="InPhase"/>
Hospital Number	<input type="text" value="123456"/>
Patient's Date of Birth	<input type="text" value="01/01/2000"/> 

Question Manager Improvements

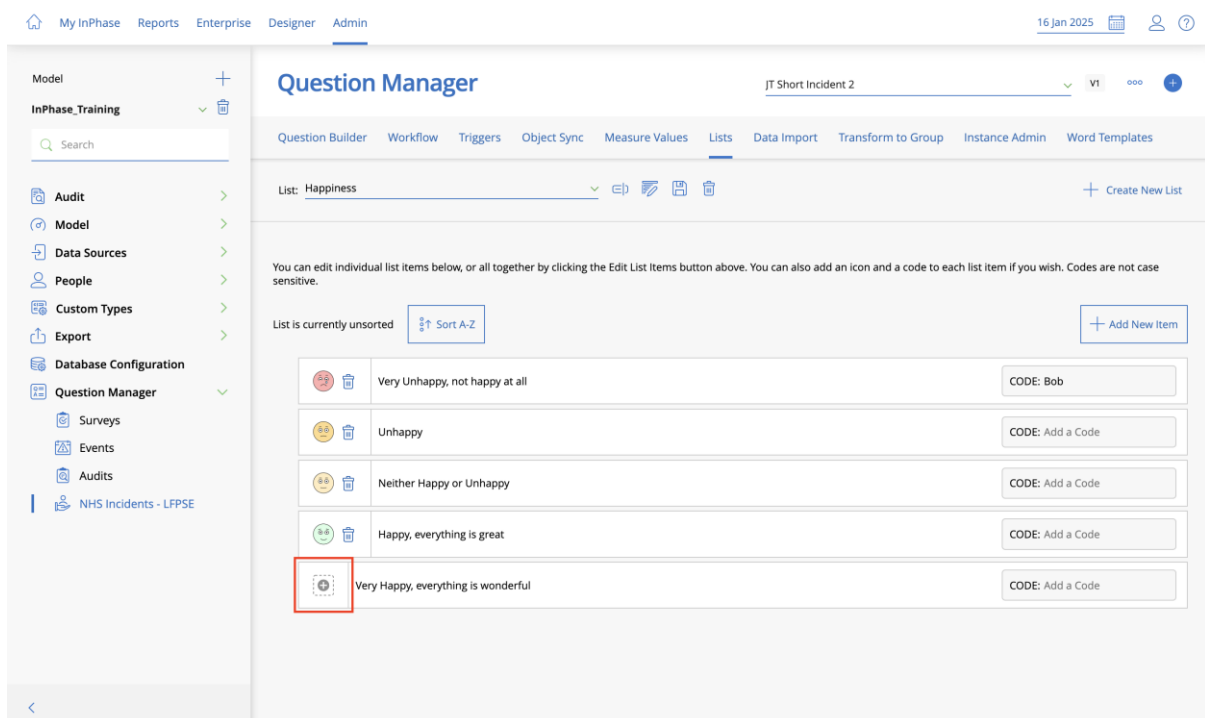
Editing previous Version

Previous version of a Questionnaire can be edited. This is useful where older instances have not been closed and the workflow or notifications require changing. An previous version can be saved as a new version, leap-frogging the current version.

















Icons in lists

Lists can have a single icon per value. These icons can be added to existing and new lists in the Lists area of Question Manager.

















Examples of all the icons provided with the product, including smileys, thumbs up and down, Control of Substances Hazardous to Health (COSHH) and Personal Protective Equipment (PPE), are shown below.

Plain

Plain Normal					
Plain Large	 Very Unhappy	 Somewhat Unhappy	 Not Happy or Unhappy	 Somewhat Happy	 Very Happy
Plain Thumbs Normal					
Plain Thumbs Large					

Flat

Flat Normal					
Flat Large	 Very Unhappy	 Somewhat Unhappy	 Not Happy or Unhappy	 Somewhat Happy	 Very Happy
Flat Thumbs Normal					
Flat Thumbs Large					

Gradient





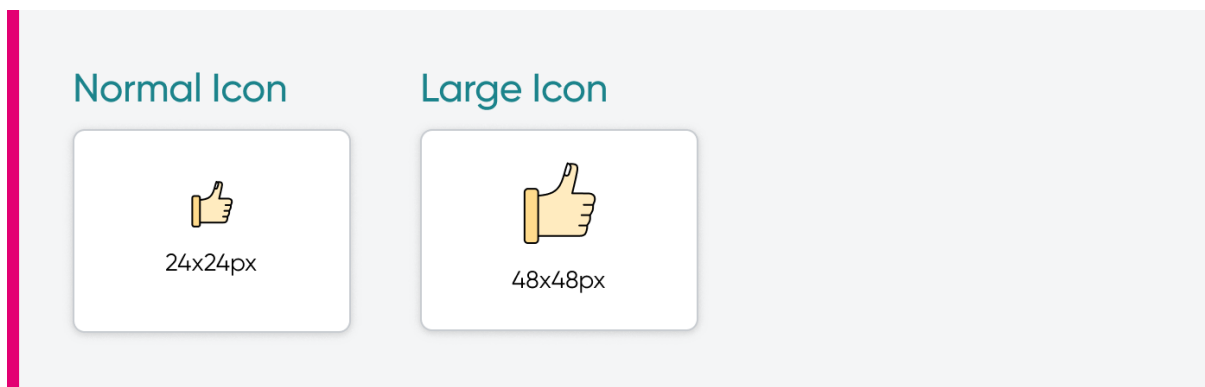
Gradient Normal					
Gradient Large	 Very Unhappy	 Somewhat Unhappy	 Not Happy or Unhappy	 Somewhat Happy	 Very Happy
Gradient Thumbs Normal					
Gradient Thumbs Large					



Image sizes and formats

Images can be in SVG, PNG, GIF or JPEG. SVG will give the best results, as they appear clearest on desktop computers, tablets and phones.

There are two sizes of icon supported: normal and large. Normal size icons are rendered at 24px by 24px. Large icons are set at 48px by 48px.

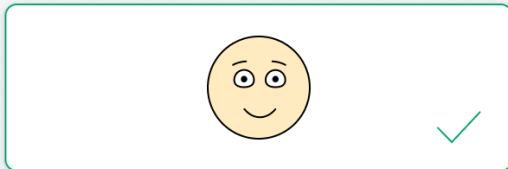


Accessibility

Icons added to lists must meet Web Content Accessibility Guidelines (WCAG) success criteria relating to ensure there is sufficient colour contrast. Icons must have a minimum 3:1 contrast ratio between the background and foreground colours of the icon, as shown below.

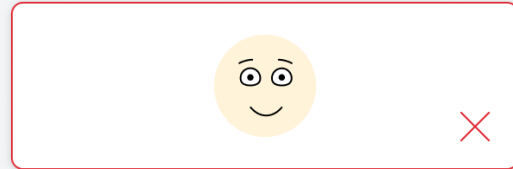
Passes contrast ratio check

Contrast ratio between the white background and the black outline of the icon is **21:1**, so is greater than **3:1**, and therefore passes.



Fails contrast ratio check

Contrast ratio between the white background and the yellow background of the icon is **1.17:1**, so is less than **3:1**, and therefore fails.



You can check the contrast between two colours by searching for "colour contrast checker" or visiting a site like the **WebAIM Contrast Checker** at <https://webaim.org/resources/contrastchecker/>

Icons should avoid including text, as the text will be added from the list item.

Grouped Lists

Lists can be marked as grouped. The first level is the group header and second level are the available values.

The screenshot shows a configuration page for a list titled "List: LFPSE V6 - Ethnicity". At the top right, there are icons for expand, edit, save, and delete, along with a "Grouped" checkbox that is checked and an "Icons" checkbox that is unchecked. Below this, a message states: "You can edit individual list items below, or all together by clicking the Edit List Items button above. You can also add an icon".

The list is currently unsorted, with a "Sort A-Z" button. The list items are grouped as follows:

- HEADING: White** (checked)
 - English, Welsh, Scottish, Northern Irish or British
 - Irish
 - Any other White background
- HEADING: Mixed or Multiple ethnic groups** (unchecked)
- HEADING: Asian or Asian British** (unchecked)
- HEADING: Black, African,Caribbean or Black British** (unchecked)
- HEADING: Other Options** (unchecked)

What is the patient's self-identified ethnicity?

This may be in their record, or you can ask them or a family member. If this information has not been provided by the patient or their family, please select 'I don't know'.

What is the patient's gender? *

Gender is self-identified, and may be in their

The dropdown menu shows the following options:

- Please select ...
- White
- English, Welsh, Scottish, Northern Irish or British
- Irish
- Any other White background
- Mixed or Multiple ethnic groups

Transform to Group

The list of a transforms can now render thousands of transforms.

LFPSE

InPhase has been accredited to provide LFPSE V6 questionnaires. NHS England will be involved in the first couple of migrations from V5 to V6. Once those have been successfully migrated, organisations will be able to request access to the V6 Api from NHS England.

Where a LFPSE V5 questionnaire is in use, a new version of the InPhase questionnaire will be created for the LFPSE V6 questions. This allows existing events to be completed in LFPSE V5. There is no automated update of records to migrate between the versions. The version of LFPSE can be seen at the top of the record against the API.

LFPSE Incident

#4471 Awaiting Investigation

LFPSE Ref: **146961923** Status: **Submitted** Updated: **31 Jan 2025 16:20** API: **6**

The main difference in LFPSE Version 6 include:

- Patient Gender

What is the patient's gender? *

Gender is self-identified, and may be in their records, or you can ask the patient. If this information is not available, please select 'I don't know'

Female (including trans woman) ✕

Same Gender identity as at birth? *

Yes

No

Not stated

I don't know

- Medications can be searched for, but the ability to type free text is retained:

Medications

Medication Involved DM+D

Which medicines were involved in what went wrong? *

Start typing and select the relevant medicine from the list.

Aluminium hydroxide ▼

Which specific medicine was involved in what went wrong?

Then select the relevant product from the list.

Please select ... ✕

Aluminium hydroxide 475mg/5ml oral suspension

Aluminium hydroxide 500mg chewable tablets

Aluminium hydroxide 475mg capsules

Aluminium hydroxide oral suspension sugar free

+ Additional Medication Involved DM+D

Other (Please Specify)

• Serious Incident/Patient Safety Incident Response Framework (PSIRF):

Which incident framework is your organisation operating under? *

Patient Safety Incident Response Framework (PSIRF)

Serious Incident framework (SIF)

PSIRF

Is there a national or regulatory requirement to conduct an investigation in response to this event? *

Yes

No

Unknown, currently under review

View the Patient Safety Incident Response Framework supporting guidance for examples of events requiring a specific type of response as set out in policies or regulations

How will you respond?

Patient Safety Incident Investigation

Confirm how you responded

Patient Safety Incident Investigation

Findings *

Please provide details of the findings from the patient safety response

Findings

What areas for improvement have been agreed as a result of this response? *

Please describe each area for improvement separately

What areas for improvement have been agreed as a result of this response?

• Other Organisation shows the Organisation Code:

Did the event occur whilst the patient was under your organisation's care? *

Yes

No

I don't know

Under which organisation's care did the event occur? ?

Please select ...

Results limited to 100

P87657 - (IRLAM) SALFORD CARE CTRS MEDICAL PRACTI

N84035 - 15 SEFTON ROAD

601201A - Abersychan Pharmacy

Y01010 - BCH COMMUNITY RESPIRATORY TEAM

07N - NHS BEXLEY CCG

15E - NHS BIRMINGHAM AND SOLIHULL CCG

Or specify other *

If the organisation is not available in the list of ODS codes, it can be entered here as free text.

Where did the incident happen? *

Which speciality does the incident relate to?

- Records can be removed from NHS England. This marks the record as local only. If this is then changed again, the record will be allocated a new LFPSE Reference. The history will retain the full changes including original

reference.

LFPSE - Admin

If you would like to remove this incident from any LFPSE reporting (e.g. duplicate record or agreement that the record is not a PSI), please select 'Yes'.

Yes

No



If an LFPSE Questionnaire instances is deleted, the record will also be automatically removed from NHS England.

Administration

Email Log

Administrators can see emails generated and sent from within InPhase. Only the plain text version is visible in the able, clicking on the "View Email" will open the email in a new tab with full formatting. The email history will be purged automatically, retaining at least 1 week of email history.

Please note that as the email is opened in a restricted mode, logos and images may not load.

Fixes

Question Manager – Conditional values with double spaces

Corrected issue with text including double spaces not being selected on load

Questionnaire – Accessibility

"More" button accessibility for focus state improved.

Change Log

24.2.0

Questionnaire

- On creation of a new Questionnaire Instance e.g. Risk, permissions will allow Measure Updates even if after ownership change, the creator would no longer have value entry rights.
- Url parameters can be used to populate visible questions on a questionnaire on create.
- Number inputs now handle pasting of numbers with spaces

Questionnaire Reporting

- Issue with Period Date slicer population on Audit reports resolved
- Issue with slicer on calculated fields running against multiple questionnaires within a single report resolved.
- Questions of data type "Organisational Unit" show in reports.

Question Manager

- Updating the name of a Workflow stage will automatically apply to reports. If the Workflow stage is copied to an Object property, this may still become inconsistent.
- Notification Triggers using a Transform to Group on a question inside a repeating section will run the Transform for each question.
- On Change Triggers on a question in a repeating section will now check all instances.
- New question type of Month Year. This allows input of just Month and Year. For reporting purposes it will always show as the first of the month.

24.1.0

Question Manager

- Lists now can have Icons per value

- Lists can be marked as Grouped, level 1 are headers and level 2 are available values.
- "One answer from a list" Questions can be forced to display as Auto, Dropdown list OR Buttons
- QR Code generation for Events now use the Id for future proofing against questionnaire renames.
- A section can be marked to elevate a user with View Permission elevation to allow them to only edit that section.
- Adhoc Emails can be sent from a Questionnaire, this saves the questionnaire as is and sends the email.

Questionnaire

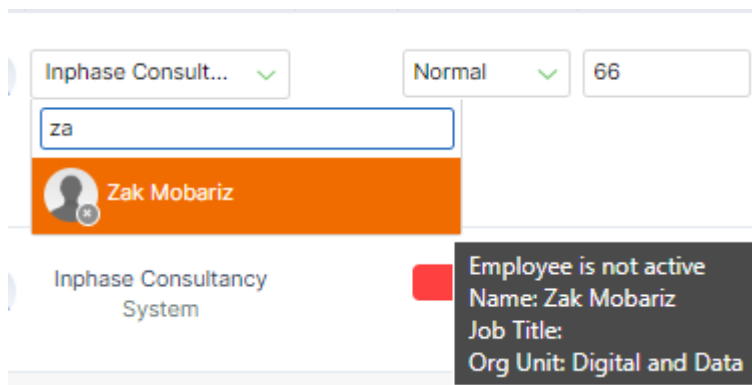
- Performance improvements when using very large look up lists
- Task display includes additional information
- Accessibility passes WCAG 2.2 AA SC
- Ability to pull Minimum or Maximum value from question in repeating section within the Triggers. For look ups, minimum is first, maximum is last
- Enhanced NHS Number field to support seamless copy and paste functionality with automatic formatting
- Improved Actions display

Questionnaire Reporting

- Performance improvements and improved handling of Calculated Fields

Employee Picker

- Employees that are set as Inactive via their profile starts and leaves date.



LFPSE V6

- Awaiting accreditation

Patient Demographics – Connectors

- Patient Source

Administrator

- Email Log – View of emails sent and status

24.0.0

Question Manager

- Required Questions
 - Required questions can be made conditional, so only required if match condition.
- Conditionals
 - Corrected issue with text including double spaces not being selected on load
- Triggers
 - Questionnaire Add Calendar days
 - Duplicate a trigger
- Templates
 - Ability to upload Word Templates to generate Word/PDF from a Questionnaire
- Data Import
 - Can now import against the questionnaire instance id.
 - Can now import the name of the Object to link the Audit/Survey
- Lists
 - LFPSE lists are marked as System list to prevent local updates

Questionnaire Live Connects

- Current user's access rights on linked Objects checked on all live connect. This can be turned off for the connection

Questionnaire – Locking

- Locking of Event based questionnaires, if a lock cannot be obtained, the user cannot edit the record.

Custom Objects

- Ability to set the default permissions on create and also apply to existing instances.

Audit Deploy

- Aggregate object's normalised count now comes from children instead of recalculated at the level.
- Now handles truncation of names to ensure unique

Fonts

- Font unavailable across all devices removed from available fonts
- Gilroy font added

LFPSE

- LFPSE V6 – Awaiting NHS England approval
- Submissions no longer require a trigger to fire

Trends

- Error message on save now displaying as needed
- Drill through within report now working

Performance

- Improved performance of load parent Task information
- Task bulk loading limited to prevent time outs
-

Bulk Group

- Fixed issue where bulk import of group could clear members from the group.

Automation

- Ability to upload the Employee CSV to add/update employees
- Ability to upload the Group CSV to add/update groups

23.3.0

Data Transforms

- These can be directly updating in Administrator

Patient Demographics

- HL7 Connector
- Logged on OR SSO Access

Live Trends

- Cell Alignment

Questionnaire via SSO

- Capture user by email

Sunburst

- In designer, saving a Sunburst will keep its name and title instead of just using title.
- Measures using Absolute Variance for tolerance now show value in Tool tip.

Performance Chart

- Where a measure starts later than the chart range and extra series are added, extra series are positioned correctly.

Trends – Conditional Formatting

- Where a Performance Scheme is used in its opposite direction (Smaller is Better/Bigger is Better), the first render is now correct. Was working correctly only after a reload of the page.

Import – Custom Assessment Year

- A measure's Customer Assessment Year can now be imported.

Questionnaire – Workflow

- Conditions/actions based on deleted questions no longer prevent the rest of the actions from working.

Scorecards – Mobile/Small screens

- Improved rendering of Scorecards on smaller screens.

Organisation Chart

- When click "Show Full", the links now render correctly.

23.2.0

Question Manager

- New Question Type – Org Unit
- New Question Type – Working Days Between
- New Question Type – Calendar Days Between
- Workflow Permissions – restrict buttons to Groups.
- Linked Object Name/Org Unit – For Audits to show the details of the linked Object.
- Move Audit to a different Object.

Scorecard

- Sparkline now top aligned
- Comment Icon now filters to the selected Subject correctly.

Trends

- Alignment options
- Export to CSV now auto closes the dialog.

Live Connect

- Performance of Last/First word improved.

Administrator

- Employee filtering now works with full name. Previously included space for empty initial.

23.1.0

Question Manager

- Updating large Questionnaire Lists is significantly faster.
- Deleting an instance of an Audit will cause a recalculation using remaining Audits.
- Objects linked to a Questionnaire Instance cannot be deleted until all linked instances are deleted. For Event/LFPSE deleting the Instance will delete the Object automatically.
- If a Questionnaire is in an invalid stage, it can now be forced to move to any valid Stage.
- New Question Type "Bidirectional (other)" that shows and creates links to and from other objects.
- New Triggers tab to allow editing all triggers in one place rather than by Workflow stage.

LFPSE

- Where an LFPSE record failed to upload to NHS England due to error connecting or within the NHS England API, resaving will now clear this error message.

Questionnaires

- Issue resolved with Cascading choice questions in a repeating group (not repeating sections) showing as disabled on load.
- History button is now available in the Measure Details pop up.
- Images resized for thumbnails, full size on click.

Questionnaire Live Connect

- Option to use the Reporting Alias as the underlying name in reports to assist with merging multiple Live Connects in a single report. Using this option means that changing the Reporting Alias can invalid that question in the Live Connect and the Trends reports.
-

Questionnaire Export

- On Questionnaire Export it has been identified that on some instances, the Section GUID was duplicated as part of the Id e.g. "[GUID]_[GUID]_[repeat Id]". This has been corrected to "[GUID]_[repeat Id]".
-

Administrator

- Portals and Pages are now soft deleted. Administrator can be used to restore or delete permanently.

User Profile

- Active Date Range can be set on the User profile to automatically apply an active filter to all reports.

Performance

- Performance of large reports showing Ancestor Object data massively improved. Improvements may also affect other large report scenarios.

23.0.0

Measure Functions

- Limit Actual value to Target – Derived function that limits the Actual value to the Target value (PLAN 1) from its donors.
- Actual as percentage of Target – Derived function that populates the Actual value using the donor's actuals as a percentage of the donor's target.

Custom Fields

- Check box/Check box list now save an empty selection correctly.

Comments

- Encoding of special characters improved.

Freeform

- Named anchors for jump to links within a page.
- Fixed colour picker closing too early when typing colour values.

Questionnaire

- Email Edit link colour changed to improve visibility.
- If a section has Documents/Links one, it will be shown. Previously if no questions were added to the section, the section would have been automatically hidden.
- Linked Entities now use their Icon.
- Workflow conditions will check every repeating section, not just the first. Each condition is checked independently, and so matching answers could be from different instances of the repeating section.

Questionnaire Export

- Options to include on each row:
 - Organisational Unit
 - Object Name/ID
 - Period Date
- Issue with many Questionnaires for export causing an invalid save and losing the settings.

Questionnaire Reports

- Reports using multiple Questionnaires using Calculated fields that have a data transform applied now show the transformed value in Slicers.

Audit Questionnaire Picker

- Nested questions are now available in the drop-down list generated for the selected Audit.
-

Linked Widgets

- Criteria using multiple Group criteria will now replace the Object/Measure in all groups instead of replacing the entire query.

UI

- Portal automated grid layout improved for mobile.
- Grid cells with no visualisations get hidden in mobile layout.

Performance

- Optimised population of Organisational Units
- Creation of Objects and its relations performance improved.
- Criteria using "Needed Objects" optimised to reduce database calls.
- Task creation time improved
- My Page sunbursts now use the Object start date, not the Measure start date to improve loading times.
- Registering a new Model optimised around case sensitivity, making registering a new model much quicker.

Admin - Employee

- Bulk Export now include the special roles for the Questionnaire.

Admin – Visualisation

- Visualisations can now be locked to Model Administrators
- Visualisations can now be locked to InPhase, this prevents accidental changes to core visualisations used in delivered apps. Visualisations can be saved as new if customisation is needed.

Admin – Question Manager

- Manual email address no longer lost on re-open.
- Used list loading optimised.

- Notification 'Questions to include' list now keeps order rather than being automatically sorted, with the ability to drag and drop.

Incognito Access – InPhase Configurable

- Prevent File attachments when opening in Incognito, but available via SSO or Logged In or the requestor is within a trusted IP range.
- Prevent Employee questions when opening in Incognito, but available via SSO or Logged In or the requestor is within a trusted IP range.
-

+ EMAIL NOTIFICATIONS

Title	<u>LFPSE Event Reviewer Notificatio</u>	Questions to include
Header	You have received this event notification because you are the designated event reviewer. The timely review of incidents affecting our patients is a	<ul style="list-style-type: none"> Describe what happened Event Location Reported Date Type Who is responsible for the event review?
Footer		Add question Email Source <u>Employee(s) in Answers</u>

- Extra validation to detect rules affected by removing a question.
- Conversion between one Text based question to another now permitted if no data truncation will take place.

Permissions

- If a Portal has permissions, users with Performance Modeller no longer have access by default.

Data Sources

- Calculated fields using "Compare numbers (row)" will now open correctly.

Email

- Infrastructure Option to relay via Azure. Contact InPhase regarding set up.

Login

- If SSO only, still get a splash screen with a login button.

