



FMP360 FORM DESIGNER

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FMP360 FORM DESIGNER

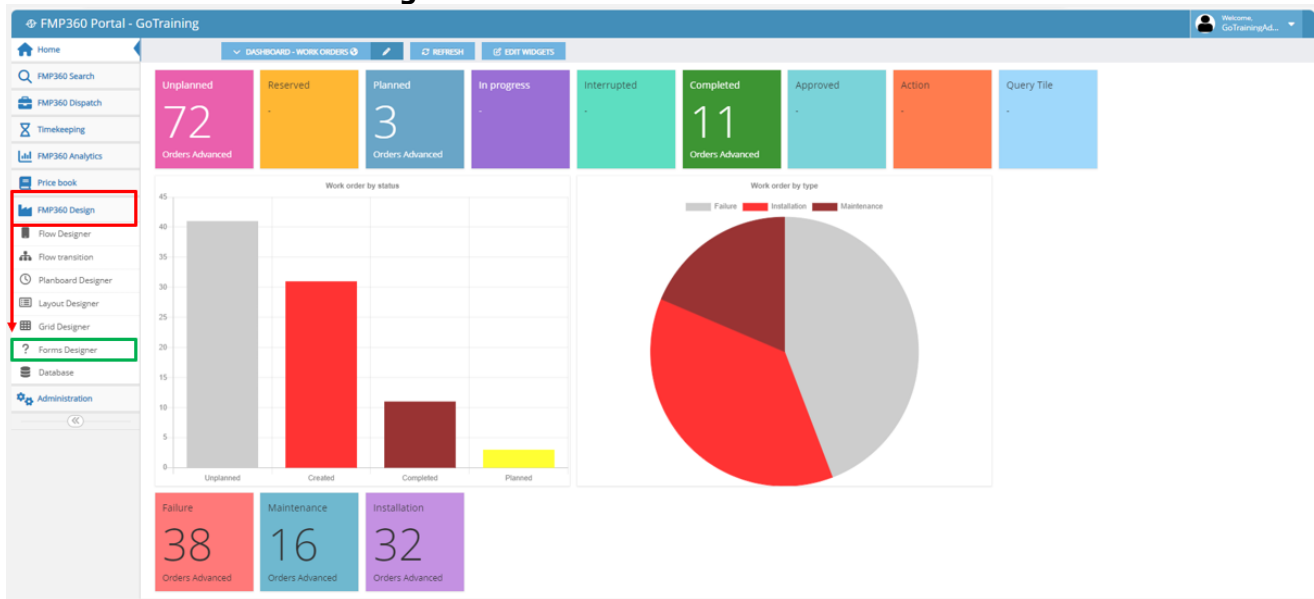
FORMS DESIGNER OVERVIEW

FORMS DESIGNER

- The Questionnaire Designer allows the user to develop their own digital forms, which can be linked to the workflow and to certain assets and customers.
- This allows the user to link the correct forms to each process and each type of asset.
- Field Service employees will not need to think about which forms to use.

Forms Designer: Location in FMP360 Portal

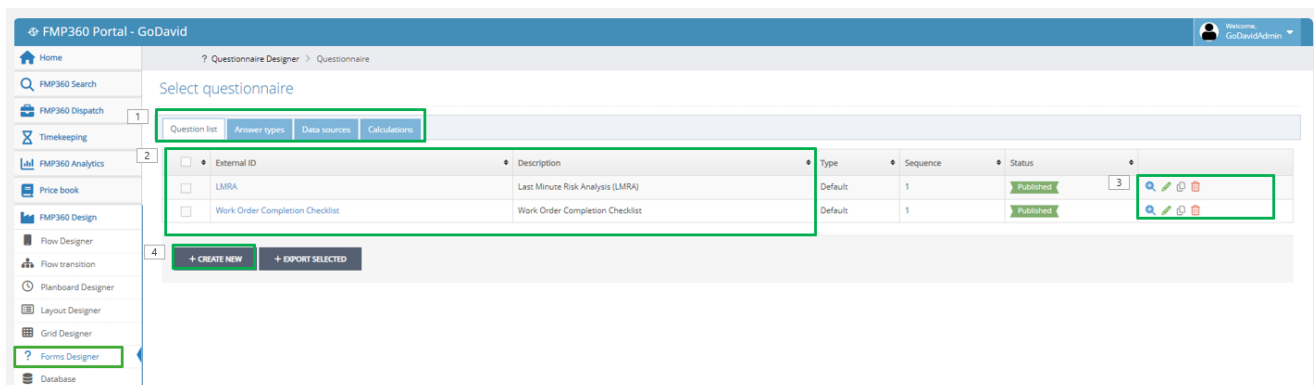
- The FMP forms designer is located in the drop down menu und **"FMP360 Design"**
 - **'? Forms Designer'**



Forms Designer: Tab Options

Question List

- '+Create New Questionnaire'
- View
- Edit
- Copy
- Delete
- Publish



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Answer Types

- Answer types are used in questions and reflect different ways questions can be answered
- Can create multiple questions and answer to a single question in questionnaire
- Use/benefits:
 - Efficient screen layout
 - Repeated patterns in questions

Questionnaire Designer > Answer types

Select answer types

1 Question list **Answer types** Data sources Calculations

External ID	Description	Code	# of sub questions	Status	
Attachments	Attachments	CQ	1	Published	
CHK	Checkbox	CHK	-	Published	Core
KL	Choice list	C	-	Published	Core
D	Date	DATE	-	Published	Core
DT	Datetime	D	-	Published	Core
ND	Decimal	ND	-	Published	Core
VI	Free text entry	T	-	Published	Core
LBL	Label	LBL	-	Published	Core
NU	Numeric	NI	-	Published	Core
SGN	Signature	SGN	-	Published	Core
JN	Yes/No	Y	-	Published	Core

+ CREATE NEW

Questionnaire Designer > Answer types

Select answer types

Question list Answer types **Data sources** Calculations

1 **External ID** 2 **Description** 3 **Code** # of sub questions Status

Attachments	Attachments	CQ	1	Published	
CHK	Checkbox	CHK	-	Published	Core
KL	Choice list	C	-	Published	Core
D	Date	DATE	-	Published	Core
DT	Datetime	D	-	Published	Core
ND	Decimal	ND	-	Published	Core
VI	Free text entry	T	-	Published	Core
LBL	Label	LBL	-	Published	Core
NU	Numeric	NI	-	Published	Core
SGN	Signature	SGN	-	Published	Core
JN	Yes/No	Y	-	Published	Core

4 **+ CREATE NEW**















































FMP360 FORM DESIGNER

Data Sources

- Data sources are the links between the function blocks and the data they need.
- Used with questions to prefill data.

Manage Data Sources

Question list | Assets | **1** | Data sources | Calculations

Name	Description	Type	Source	
Activity	Activity datasource	object	Entity Reference DataSource	 
ActivityAddress	Address information of work order	object	Entity Reference DataSource	 
ActivityAppointment	Information about the appointment of the work order	object	Entity Reference DataSource	 
ActivityAsset	Datasource to retrieve information of a single asset linked to the work order	array	Entity Reference DataSource	 
ActivityAssets	Datasource to show and register data of assets linked to the work order	array	Repository DataSource	 
ActivityContactPerson	Datasource to retrieve and store contact person details	object	Entity Reference DataSource	 
ActivityContactPersonPrefill	Datasource to retrieve the first contact person linked to the work order	array	Entity Reference DataSource	 
ActivityCustomer	Customer information linked to the work order	object	Entity Reference DataSource	 
ActivityCustomerAddress	Datasource to retrieve the customer address	object	Entity Reference DataSource	 
ActivityCustomerContactPersons	Datasource to retrieve the contact person of the customer linked to the work order	array	Entity Reference DataSource	 
ActivityDebrief	Datasource to show and register debrief data	object	Entity Reference DataSource	 
ActivityDebriefInterruptItems	Datasource to register the interrupt reason of the work order	array	Entity Reference DataSource	 
ActivityDebriefSignature	Datasource to capture data related to the signature	object	Entity Reference DataSource	 
ActivityHistory	Datasource to retrieve history of the work order / asset	array	Entity Reference DataSource	 
ActivityMaterialRegistrations	Datasource to show and capture registrations of materials	array	Entity Reference DataSource	 
ActivityTypesBilable		array	Repository DataSource	 
ActivityTypesNonBilable	Datasource retrieving a list of non bilable activity types	array	Repository DataSource	 
AssetCondition	Datasource to retrieve all active asset conditions	array	Repository DataSource	 
AssetTypes	List of all available asset types	array	Repository DataSource	 
TaskDebrief	Datasource to capture debrief information on task level in the workflow	object	Entity Reference DataSource	 
TravelItems	Datasource to capture and present travel registrations	array	Entity Reference DataSource	 
WebServiceAsset	Datasource used to search and retrieve assets via a webservice	array	Web Service DataSource	 
WebServiceCustomer	Datasource to search and retrieve customers via webservice	array	Web Service DataSource	 

+ CREATE NEW

CREATING A NEW QUESTIONNAIRE

Creating a new questionnaire is a 2 step process

- Create Questionnaire- ID, Description, Type
- Questionnaire applicable for-Assets,Activity status type, Customers, Groups, Fields

Questionnaire > Create

1 Create questionnaire

Creation Mode Replace existing Import existing

External ID*

Use translation

Description*

Type*

Sequence*

Required

Enable question number

Create in app on orders

Create in app on quotes

Create for each asset

Generate sequence number

Enable show previous question list

2 Questionnaire applicable for

Activity type(s) *

Asset type(s) *

Activity status type(s) *

Customer(s) *

Group(s) *

User(s) *

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STEP 1: CREATE QUESTIONNAIRE

- Here the user can set parameters of the questionnaire
- Below is a description of all 'Create Questionnaire' fields

Questionnaire > Create

Create questionnaire

Creation Mode Replace existing Import existing

External ID*

Use translation

Description*

Type*

Sequence*

Required

Enable question number

Create in app on orders

Create in app on quotes

Create for each asset

Generate sequence number

Enable show previous question list

Creation Mode:

- Replace existing=create new or override current questionnaires if same ID is used.
- Import existing= ability to import a questionnaire that was exported elsewhere.

External ID

- Naming for connection Back End (Focus / SAP)

Use Translation

- Translation of Description in the context of a multilingual app

Description

- Naming as presented in the app. What the app user will see

Type

- Type of questionnaire
 - Managed/created in the Master Data section.
 - Will provide Task Item title in App

Home Administration > Master Data

Master data manage

Select master data type

Search

Show active items only Use translation

ADD NEW SELECTED DATA ITEM

id	Description	Notes
Default	Default	
Inspections	Inspections	
Checklist	Checklist	

SAVE ITEM

id* Survey

Description* Survey

Code* Survey

Notes Notes

Description>Create New>Fill in for 3 Languages

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Sequence

- Indicate complete questionnaires in case multiple questionnaires are presented in the app
 - Example: With 2 questionnaires in the same flow item, this field allows you to set the order in which the questionnaires appear

Required

- Indicate whether the questionnaire is mandatory, or whether it is optional

Enable question number

- Numbering of the questions in the questionnaire

Create in app on orders

- Indicate whether the questionnaire will be added to the app on the instructions of the technician
 - When user creates an order in the APP

Create in app on quotes

- Indicate that the questionnaire will be added to the app on instructions of the technician on quotes

Create for each asset

- Specify whether the questionnaire will be created for each Asset

Generate sequence number

Enable show previous question list

*(red asterisk)

- Mandatory fields

STEP 2: QUESTIONNAIRE APPLICABLE FOR

- Here the user can narrow the focus of the questionnaire

Questionnaire applicable for

Activity type(s) Failure × Installation × Maintenance ×

Asset type(s) *

Activity status type(s) In progress ×

Customer(s) *

Group(s) *

User(s) *

← BACK TO LIST SAVE

Activity type(s)

- Indicate the activity type on which the questionnaire should appear
- Example: Failure, Installation, Maintenance, Project

Asset type(s)

- Indicate which asset type(s) the questionnaire will be used for

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Activity status type(s)

- Specify the activity status type on which the questionnaire should appear
- Example: In progress = 'Work' flow Item, Finishing='Finish' flow item

Customer(s)

- Select which customers the questionnaire applies to

Group(s)

- Specify which users groups the questionnaire will apply to
- Example: What user groups apply to your engineers/technicians

User(s)

- Choose which app users will see the questionnaire

EXAMPLE:

Questionnaire applicable for

Activity type(s) Failure x Maintenance x Installation x Project x

Asset type(s) Conveyor belts x Dishwasher x Perimeter Gate x

Activity status type(s) Finishing x

Customer(s) Gomocha x

Group(s) Field Service Generic x

User(s) GoTrainingAdmin GoTrainingAdmin x David Mishler x

← BACK TO LIST SAVE

WHEN STEPS 1 AND 2 ARE COMPLETED>SAVE

- After saving, the new questionnaire will appear on the Select Questionnaire, "Question List" tab screen with a "Draft" status.
- User can now "Edit" (green pencil icon) the questionnaire to:
 - Add Questions
 - Business Rules
 - Questionnaire cannot be published until questions are added

Select questionnaire

Question list Answer types Data sources Calculations

External ID	Description	Type	Sequence	Status	
<input type="checkbox"/>	Customer Satisfaction Survey	Checklist	1	Draft	<input type="checkbox"/> <input type="pencil"/> <input type="trash"/> <input type="share"/>
<input type="checkbox"/>	LMRA	Inspections	1	Published	<input type="checkbox"/> <input type="pencil"/> <input type="trash"/> <input type="share"/>
<input type="checkbox"/>	Test	Inspections	2	Published	<input type="checkbox"/> <input type="pencil"/> <input type="trash"/> <input type="share"/>

+ CREATE NEW + EXPORT SELECTED

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ADDING QUESTIONS AND GROUPS TO QUESTIONNAIRES

AFTER SELECTING EDIT ICON, SELECT "QUESTIONS" TAB.

Manage questions- Customer Satisfaction Survey

Question list Questions Business rules Calculation inputs

Ungrouped

Description	Type
No questions configured	

← BACK TO QUESTIONNAIRE + NEW QUESTION + NEW GROUP

Manage Questions Screen:

- Questions can be created and rearranged via drag/drop
- Questions can be placed into groups which can be used to group questions within the questionnaire

CREATE NEW GROUP

- Select '+New Group'

Create group

External ID* Work Order Completion Checklist

Description* Work Order Completion Checklist

Title* Work Order Completion Checklist

Collapsed

← BACK TO QUESTIONS SAVE

Enter Data:

- External ID
- Description
- Title
- Create New: Fill in for 3 languages for translations
- Collapse (Will be a collapsed group that can be expanded with button)
- Save

Manage questions- Work Order Completion Checklist

Question list Questions Business rules Calculation inputs

Ungrouped

Description	Type
No questions configured	
Work Order Completion Checklist	
Confirmation of arrival and photo confirmation of pre work conditions	Checkbox
Asset that work order was performed	Choice list
Date of Work Completed	Date
Date and Time of Work Completed	Datetime
What was the operating temperature of the unit?	Decimal
Additional Remarks	Free text entry
Working Condition Temperature	Numeric
Customer Signature	Signature
Customer was present for work order	Yes/No
Label	Label

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- New group is now visible, and questions can be added
- Questions need to be dragged and dropped into the Group
- Note: Creating a new group is NOT required

CREATING QUESTIONS FOR QUESTIONNAIRE

- Manage Questions screen > '+New Question'

The screenshot shows the 'Create question' interface. It is divided into two main sections: 'Question' (Step 1) and 'Answer' (Step 2).
Step 1 (Question) includes:
- External ID* (text input)
- Use translation (checkbox)
- Description* (text input)
- Label is header (checkbox)
- Notes (text input)
Step 2 (Answer) includes:
- Answer type* (dropdown menu)
- Required (checkbox)
- Prefill from previous answer (checkbox)
- Enable attaching of photos (checkbox)
- Enable attaching of files (checkbox)
- Enable document scanner * (Android and iOS only) (checkbox)
- Show file type (checkbox)
- Show file description (checkbox)
- Show file date (checkbox)
- Show file thumbnail (checkbox)
- Attachment type is required (checkbox)
- Description is required (checkbox)
- Attachment required (checkbox)
- Attachment required in client (checkbox)
- Annotate after attach (checkbox)
At the bottom, there are buttons for 'BACK TO LIST' and 'SAVE'.

Creating a question is a 2 step process

- Question
- Answer

STEP 1: QUESTION ID AND DESCRIPTION

This close-up shows the 'Question' section of the form. The 'External ID*' field is filled with 'Arrival confirmed/ image of pre work condition'. The 'Description*' field is filled with 'Confirmation of arrival and photo confirmation of pre work conditions'. The 'Label is header' checkbox is checked. The 'Notes' field is empty.

Mandatory Fields:

- External ID
 - Same function as for creating questionnaire (back office)
- Description
 - Actual question the app user will see

FMP360 FORM DESIGNER

STEP 2: ANSWER

Answer

Answer type*

Required

Prefill from previous answer

Enable attaching of photos

Enable attaching of files

Enable document scanner * (android and ios only)

Show file type

Show file description

Show file date

Show file thumbnail

Attachment type is required.

Description is required.

Attachment required

Attachment required in client

Annotate after attach

Select Answer type

Select Answer type

Checkbox

Choice list

Date

Datetime

Decimal

Free text entry

Label

Numeric

Signature

Yes/No

- Basic question functions for ALL answer types
- Shaded blue options apply only if you select the following
 - Enable attaching of photos
 - Enable attaching of files
- Once selected, each answer type will ask for additional data/information based on its function

← BACK TO LIST SAVE

SELECT ANSWER TYPE

- There are 10 answer types to choose from
- **ALL** answer types show the options seen in the bracket in the above image
 - Including the ability to attach photos/files and annotate after attaching
- Once selected, each answer type will have specific based on its function

ANSWER TYPES:

- The following are examples of each question type and their specific options and examples of how each question can look in the Gomocha FSP App
- Options regarding 'Datasources', 'Prefill field', 'Items fields' will be covered later in this manual

CHECKBOX

Answer

Answer type* Checkbox

Default Answer

Prefill datasource

Prefill field

Required

Prefill from previous answer

Enable attaching of photos

Enable attaching of files

Enable document scanner * (android and ios only)

Show file type

Show file description

Show file date

Show file thumbnail

Attachment type is required.

Description is required.

Attachment required

Attachment required in client

Annotate after attach

Note: You can add attachments to ANY answer type

← BACK TO LIST SAVE

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Work Order Completion Checklist

1. Confirmation Of Arrival And Photo Confirmation Of Pre Work Conditions

Question 1 is a required question.
Question 1 has a required attachment.

OVERVIEW OF ATTACHMENTS

Overview of attachments

No files have been attached.

Add attachment to activity

Camera

Gallery

File

Back

OVERVIEW OF ATTACHMENTS

Overview of attachments

File name	Date
gomocho_rgb_200_202402310341039.png	1/23/2024 10:34 am

Add attachment to activity

Camera

Gallery

File

Back

CHOICE LIST

Question

External ID* Asset Work Order Performed On

Use translation

Description* Asset that work order was performed

Label is header

Notes

Notes

Answer

Answer type* Choice list

Choice List	Id*	Text*	Select Localisation Key	Parent Id	Select	ID ADD
	Id	Text	Parent Id			
	Asset A	Asset A				
	Asset B	Asset B				
	Asset C	Asset C				

Minimum of 2 answer choices required

Items datasource

Items value field

Items text field

Present as radio group

Use as multi select list

Default Answer

Prefill datasource

Prefill field

Use cascade list

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- Present as radio group
- Use as multi select list
- Default answer
 - Answer will be prefilled, but can be changed
- Use cascade list
 - Drop-down list format

2. Asset That Work Order Was Performed

1/23/2024

Asset A
Asset B
Asset C

DATE

Question

External ID* Date of Work Completed

Use translation

Description* Date of Work Completed

Label is header

Notes Notes

Answer

Answer type* Date

Default Answer Default Answer

Prefill datasource

Prefill field

Default to today's date

3. Date Of Work Completed

1/23/2024

October	20	2021
November	21	2022
December	22	2023
January	23	2024
February	24	2025
March	25	2026
April	26	2027
Set	Clear	Cancel

- Default to today's date
 - Current date will prefill, can be changed
 - Same for Date/Time answer type

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DATE/TIME

Question

External ID*

Use translation

Description*

Label is header

Notes

Answer

Answer type*

Default Answer

Prefill datasource

Prefill field

Default to today's date

4. Date And Time Of Work Completed

October	20	2021	7	21	
November	21	2022	8	28	
December	22	2023	9	29	
January	23	2024	10	30	am
February	24	2025	11	31	pm
March	25	2026	12	32	
April	26	2027	1	33	

Set Clear Cancel

DECIMAL (numerical value)

Question

External ID*

Use translation

Description*

Label is header

Notes

Answer

Answer type*

Default Answer

Prefill datasource

Prefill field

Min Value

Max value

Use Stepper

Stepper Step

- Default Answer
 - Set value
- Min Value
 - Lowest value that can be entered
- Max Value
 - Highest value that can be entered
- Use Stepper
 - '+, -' counter
- Stepper Step
 - Value increment increase/decrease using stepper counter

FMP360 FORM DESIGNER

5. What Was The Operating Temperature Of The Unit?

25

5. What Was The Operating Temperature Of The Unit?

6. Additional Remarks

1	2	3
4	5	6
7	8	9
.	0	+/-

Set Clear Cancel

FREE TEXT ENTRY

Question

External ID* Free Text Entry

Use translation

Description* Additional Remarks

Label is header

Notes Notes

Answer

Answer type* Free text entry

Default Answer Default Answer

Prefill datasource

Prefill field

Max length 0

Regular expression Regular expression

Localization Key Select Localization Key

Number rows 0

Show barcode button

Show nfc button

Barcode and nfc filter expression Barcode and nfc filter expression

- Max length
 - In characters
- Regular expression
 - Required text answer
- Number rows
 - Set limit on number of text rows
- Show barcode button
 - Barcode scanner
- Show nfc button
 - Mobile payment button
- Barcode and nfc filter expression

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6. Additional Remarks

Unit was in poor condition upon arrival, possible breach of contract

LABEL

Question

External ID* Label

Use translation

Description* Label

Label is header

Notes Notes

Answer

Answer type* Label

- Text only, no answer selections
 - Can be used for attachments, etc.

NUMERIC

Question

External ID* Working Condition Temperature

Use translation

Description* Working Condition Temperature

Label is header

Notes Notes

Answer

Answer type* Numeric

Default Answer 0

Prefill datasource

Prefill field

Min Value Min Value

Max value 100

Use Stepper

Stepper Step Stepper Step

- Default Answer
 - Set value
- Min Value
 - Lowest value that can be entered
- Max Value
 - Highest value that can be entered
- Use Stepper
 - '+, -' counter
- Stepper Step
 - Value increment increase/decrease using stepper counter

FMP360 FORM DESIGNER

7. Working Condition Temperature

50

50

1	2	3
4	5	6
7	8	9
.	0	+/-

Set Clear Cancel

SIGNATURE

Create question

Question

External ID* Customer Signature

Use translation

Description* Customer Signature

Label is header


Notes Notes

Answer

Answer type* Signature

8. Customer Signature

Reset



YES/NO

Question

External ID* Customer was present for work order

Use translation

Description* Customer was present for work order

Label is header

Notes Notes

Answer

Answer type* Yes/No

Default answer Default answer

Profit datasource

Profit field

9. Customer Was Present For Work Order

Yes No

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Example of Questionnaire After Adding Questions and Groups

Manage questions- Demo_Question_List

Question list | Questions | Business rules | Calculation inputs

Ungrouped

No questions configured

Example questions

Description	Type
Checkbox	Checkbox
Choice list	Choice list
Radio button	Choice list
Multiple choice	Choice list
Date	Date
Date/time	Datetime
Decimal	Decimal
Free text entry	Free text entry
Yes / No	Yes/No
Custom Answer Type	Custom created answer type v1.0

Calculation

Description	Type
Calculation	Free text entry
A	Numeric
B	Numeric
C	Numeric
D	Numeric
Answer - E	Decimal

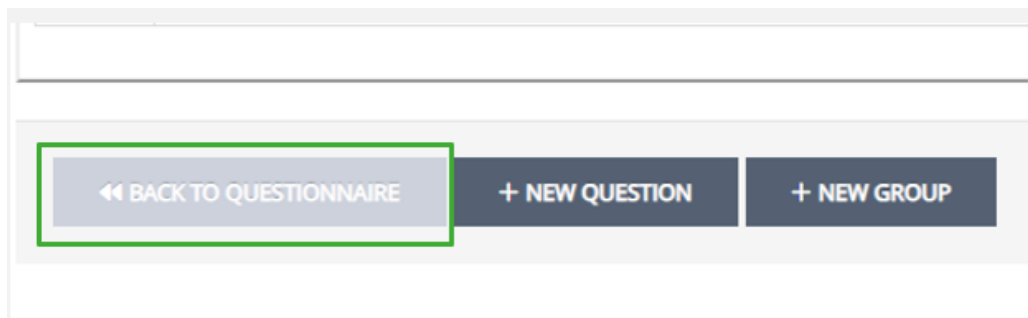
Signature

Description	Type
Signature	Signature

◀ BACK TO QUESTIONNAIRE | + NEW QUESTION | + NEW GROUP

PUBLISHING QUESTIONNAIRES

- When finished adding questions the questionnaire can now be published
- At bottom of the 'Manage Questions Screen' (see above) select 'Back to Questionnaire'



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? Questionnaire Designer > Questionnaire

Select questionnaire

Question list | Answer types | Data sources | Calculations

External ID	Description	Type	Sequence	Status	
LMRA	Last Minute Risk Analysis (LMRA)	Inspections	1	Published	
Test	Test	Checklist	1	Draft	
Test	Test	Checklist	1	Published	
Work Order Completion Checklist	Work Order Completion Checklist	Checklist	1	Published	
Work Order Completion Checklist	Work Order Completion Checklist	Checklist	1	Draft	

+ CREATE NEW + EXPORT SELECTED

- On the Select Questionnaire, "Question List" tab, the questionnaire still shows a "Draft" status.
- User can now "Publish" (blue cloud w/ white arrow) the questionnaire to
- Questionnaire is now available for use
 - Users assigned to the questionnaire will need to log out>log in of app to update settings

EXAMPLE OF PUBLISHED QUESTIONNAIRE IN GOMOCHA FSP APP

2369074:1

ORDER INFORMATION

Search

FAILURE

Registrations >

Material Registration >

Last Minute Risk Analysis (LMRA) >

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Gomocho FSP Beta 2369074:1

BACK

Do I Know The Hazards Of The Products And The Used Equipment?
 Yes No

Do I Know The Risks Associated With The Activities?
 Yes No

Do I Have All Required Personal Protective Equipments?
 Yes No

Can I Implement All Necessary Preventive Measures?
 Yes No


Do I Know What To Do In Case Of A Spill, Accident, ...?
 Yes No

Do I Have All Required Waste Containers?
 Yes No

Can I Leave My Workplace Clean And Safe And Disinfect If Necessary?
 Yes No

Additional Remarks

Notes



Gomocho FSP Beta 2369074:1

BACK

WORK ORDER COMPLETION CHECKLIST

Work Order Completion Checklist

Gomocho FSP Beta 2369074:1

BACK

WORK ORDER COMPLETION CHECKLIST

Work Order Completion Checklist

1. Confirmation Of Arrival And Photo Confirmation Of Pre Work Conditions
Question 1 is a required question.

2. Asset That Work Order Was Performed

3. Date Of Work Completed
1/23/2024

4. Date And Time Of Work Completed
1/23/2024 11:28 am

5. What Was The Operating Temperature Of The Unit?

6. Additional Remarks

7. Working Condition Temperature
50

FMP360 FORM DESIGNER

The screenshot shows a form design interface with a blue header bar containing a menu icon, the ID '2369074:1', and user icons. Below the header, there are three question fields:

- Question 7: 'Working Condition Temperature' with a value of '50' and a plus icon for expansion.
- Question 8: 'Customer Signature' with a red note 'Question 8 is a required question.' and a 'Reset' button.
- Question 9: 'Customer Was Present For Work Order' with radio buttons for 'Yes' and 'No'.

A blue checkmark icon is visible in the bottom right corner of the form area.

CREATING ANSWER TYPES FOR QUESTIONNAIRES

The screenshot shows the 'Select answer types' screen in the FMP360 Form Designer. The breadcrumb path is '? Questionnaire Designer > Answer types'. There are four tabs: 'Questionnaire', 'Answer types' (highlighted with a green box), 'Data sources', and 'Calculations'. A table lists various answer types, each with an 'External ID', 'Description', 'Code', '# of sub questions', 'Status', and a set of icons.

External ID	Description	Code	# of sub questions	Status	
Attachments	Attachments	CQ	1	Published	🔍 📄 🗑️
CHK	Checkbox	CHK	-	Published	Core
KL	Choice list	C	-	Published	Core
D	Date	DATE	-	Published	Core
DT	Datetime	D	-	Published	Core
ND	Decimal	ND	-	Published	Core
VI	Free text entry	T	-	Published	Core
LBL	Label	LBL	-	Published	Core
NU	Numeric	NI	-	Published	Core
SGN	Signature	SGN	-	Published	Core
JN	Yes/No	Y	-	Published	Core

At the bottom of the screen, there is a '+ CREATE NEW' button.




- Answer types allow for the creation of multiple questions under a single question in a questionnaire.
- Despite name, user cannot create new answer types other than what is preconfigured.
- Use/benefits:
 - Efficient screen layout
 - Repeated patterns in questions

FMP360 FORM DESIGNER

? Questionnaire Designer > Answer types

Select answer types

Question list | Answer types | Data sources | Calculations

External ID	Description	Code	# of sub questions	Status	
Attachments	Attachments	CQ	1	Published	  
CHK	Checkbox	CHK	-	Published	Core
KL	Choice list	C	-	Published	Core
D	Date	DATE	-	Published	Core
DT	Datetime	D	-	Published	Core
ND	Decimal	ND	-	Published	Core
VI	Free text entry	T	-	Published	Core
LBL	Label	LBL	-	Published	Core
NU	Numeric	NI	-	Published	Core
SGN	Signature	SGN	-	Published	Core
JN	Yes/No	Y	-	Published	Core

[+ CREATE NEW](#)

- New answer types need to be connected to 'sub questions'
- # of sub questions connected to each new answer will be reflected in the column shown above
- Core answer types cannot be edited to have sub questions
- +CREATE NEW to create new answer type

CREATE NEW ANSWER TYPE

- Create new answer type with:
 - External ID-same function as previous
 - Description-same function as previous
 - Save

Create answer types

External ID*

Description*

[← BACK TO LIST](#) [SAVE](#)



FMP360 FORM DESIGNER

Create new answer type-Edit:

- New type will show as "Draft"
- Select edit (green pencil) icon
- select '+CREATE NEW'
- Select 'Custom Questions' tab > +Create New

Select answer types

Question list | Answer types | Data sources | Calculations

External ID	Description	Code	# of sub questions	Status	
Visual Inspection	Visual Inspection	CQ	0	Draft	
Test For Training	Test	CQ	3	Published	
CHK	Checkbox	CHK	-	Published	
KL	Choice list	C	-	Published	
D	Date	DATE	-	Published	
DT	Datetime	D	-	Published	
ND	Decimal	ND	-	Published	
VI	Free text entry	T	-	Published	
LBL	Label	LBL	-	Published	
NU	Numeric	NI	-	Published	
SGN	Signature	SGN	-	Published	
JN	Yes/No	Y	-	Published	

+ CREATE NEW

Manage custom questions - Sign

Edit answer types | Custom questions | Business rules

Description

No custom questions configured

← BACK TO ANSWER TYPES | + CREATE NEW

Custom Questions:

- New, non-core answer types must be attached to custom question(s)
- Select custom questions tab and create new
- Creating a custom question follows the same process as creating standard questions shown previously
 - No ability to create a group
- User can create as many custom questions as needed
- Custom questions are housed under the new Answer Type
- When creating a questionnaire, selecting the new Answer Type will add ALL custom questions under new Answer Type heading
 - An example will be shown in this section

FMP360 FORM DESIGNER

1 Question

2 Answer

External ID* External ID

Use translation

Description* Description

Label is header

Notes Notes

Answer type* Select Answer type

Required

Prefill from previous answer

Enable attaching of photos

Enable attaching of files

Enable document scanner * (android and ios only)

Show file type

Show file description

Show file date

Show file thumbnail

Attachment type is required.

Description is required.

Attachment required

Attachment required in client

Annotate after attach

← BACK TO LIST SAVE

Example Custom Question List

Manage custom questions - Visual Inspection

Edit answer types Custom questions Business rules

Description	Type	
↕ The asset matches the order	Yes/No	🔍 ✏️ 🗑️
↕ Condition of Asset	Choice list	🔍 ✏️ 🗑️
↕ Asset Working Temperature	Numeric	🔍 ✏️ 🗑️
↕ Asset housed properly	Yes/No	🔍 ✏️ 🗑️
↕ Additional Remarks	Free text entry	🔍 ✏️ 🗑️
↕ Photo ID of Asset	Checkbox	🔍 ✏️ 🗑️

← BACK TO ANSWER TYPES + CREATE NEW

- When custom questions completed > 'Back to Answer Types'

PUBLISHING NEW ANSWER TYPE

- New Answer Type will be saved as draft until published
- Click blue publish icon
- When published, new answer types can be added to questionnaires

? Questionnaire Designer > Answer types

Select answer types

Question list Answer types Data sources Calculations

External ID	Description	Code	# of sub questions	Status	
Visual Inspection	Visual Inspection	CQ	6	Draft	🔍 ✏️ 🗑️ 📄

FMP360 FORM DESIGNER

ADDING NEW ANSWER TYPES TO QUESTIONNAIRES

- The process for adding new answer types to questionnaires is the same as adding questions to questionnaires as shown previously
- New answer types and their custom questions can be added by themselves or with other questions
 - Create a new questionnaire or edit previously created questionnaire
 - +Create New Question
 - Select new "Answer Type" for new question
 - When user adds the new "Answer Type" all custom questions, while not visible, will be added
 - Add other questions if needed/wanted
 - Publish Questionnaire
 - New answer type is now available

The screenshot shows the 'Create question' interface in the FMP360 Portal. The 'Answer type*' dropdown menu is open, displaying a list of answer types. The 'Visual Inspection' option is highlighted with a green box. The interface includes fields for 'External ID*', 'Description*', and 'Notes', as well as checkboxes for 'Use translation', 'Label is header', and 'Required'. There are also options for 'PREFILL FROM PREVIOUS ANSWER', 'ENABLE ATTACHING OF PHOTOS', 'ENABLE ATTACHING OF FILES', and 'ENABLE DOCUMENT SCANNER * (android and ios)'. The 'Visual Inspection' option is selected in the dropdown menu.

NEW ANSWER TYPE IN GOMOCHA FSP APP

- Example of new answer typed added to questionnaire as only question

The screenshot shows the GOMOCHA FSP APP interface. The 'FAILURE' section is highlighted with a green box. The 'Visual Inspection' option is selected in the dropdown menu. The form includes sections for '1. Visual Inspection', '1.1. The Asset Matches The Order', '1.2. Condition Of Asset', '1.3. Asset Working Temperature', '1.4. Asset Hoisted Properly', '1.5. Additional Remarks', and '1.6. Photo ID Of Asset'. The 'Visual Inspection' option is highlighted in the dropdown menu.

FMP360 FORM DESIGNER

BUSINESS RULES

Work Order Completion Checklist > Business Rule

Manage Business Rule - Work Order Completion Checklist

Question list | Questions | **Business rules** | Calculation inputs

Name: [] Description: []

No Business rules configured for Work Order Completion Checklist

← BACK TO QUESTIONNAIRE | + CREATE NEW

PURPOSE OF BUSINESS RULES

- Business rules are used to create dynamic behavior in the app/questionnaires
- User can add more than one business rule for a questionnaire
- Business rules can also be added to newly created 'Answer Types'

USING BUSINESS RULES

- There are many options for creating business rules.
- Each business rule will need at least 1 Trigger, Condition and Consequence.

Configure Business Rule

Name* [br Work Order Completion Checklist_5281]

Description [Description]

Triggers*

Event Raised by [] Event Name []

No triggers configured

ADD TRIGGER →

Conditions*

And / Or [] Read out data [] Value retrieved from [] Field [] Operator [] Value []

No Conditions Configured

ADD CONDITION →

Consequences*

Result [] Action On [] Field [] Value []

No consequences configured

ADD CONSEQUENCE →

← BACK TO LIST | SAVE

Triggers

- The events that make the business rule event run.
- When one or more triggers apply at a certain moment, the conditions will be evaluated and the actions (consequences) will be executed if conditions are met
- Example: When a question is list is opened in the App or when a question is interacted with

Triggers*

Event Raised by [Select event raised by]

Event Name [Select event]

ADD TRIGGER →

FMP360 FORM DESIGNER

Conditions

- Gives the user the ability to configure the condition, when the business rule applies
- When conditions are met, consequences are initiated

The screenshot shows the 'Conditions*' configuration window. It features a table with columns: 'And / Or', 'Read out data', 'Value retrieved from', 'Field', 'Operator', and 'Value'. A single row is visible with the following values: 'And / Or' is empty, 'Read out data' has a checkbox, 'Value retrieved from' is 'Question', 'Field' is 'Get value', 'Operator' is 'After', and 'Value' is 'Fixed Value'. Below the table is an 'ADD CONDITION ->' button.

Consequences

- Gives the user the ability to configure what needs to be done based on the result of the condition
 - For example: If conditions are met questions, questions or groups of questions can be hidden as they are no longer relevant OR questions can become required.
 - Whatever makes business sense for the user

The screenshot shows the 'Consequences*' configuration window. It features a table with columns: 'Result', 'Action On', 'Field', and 'Value'. A single row is visible with the following values: 'Result' is 'Always', 'Action On' is 'Question', 'Field' is 'Hidden', and 'Value' is 'Fixed Value'. Below the table is an 'ADD CONSEQUENCE ->' button.

CONFIGURING BUSINESS RULES:

TRIGGERS

Event Raised by- 2 Options

- **Question**-The business rule/event is triggered by a specific question
 - **Select Question**-what question from list does user want rule to apply
 - **Event Name**
 - **On Value Changed**-when an answer/value is input for the question (example: check box is selected)
- **Question List**- The business rule/event is triggered by beginning the questionnaire
 - **Event Name**
 - **On Model Ready**- When question list is opened (only option)

Note: It is possible to select BOTH Event Raised by options and multiple events

Trigger Example

Question & Question List

The screenshot shows the 'Triggers*' configuration window. It features a table with columns: 'Event Raised by' and 'Event Name'. Two rows are visible. The first row has 'Event Raised by' as 'Question' and 'Event Name' as 'On value changed'. The second row has 'Event Raised by' as 'Question list' and 'Event Name' as 'On model ready'. Below the table is an 'ADD TRIGGER ->' button.

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CONDITIONS

Value retrieved from-3 options

- Calculation-advanced option based on business rules calculations
- Datasource-information pulled from specific data source
 - Select data source
- Question(most commonly used)-checking on the value changed from trigger of question
 - Select Question

Field

- 'Value retrieved from'=Datasource
 - Field-'Select Entity Property'
- 'Value retrieved from'= Question
 - Field-'Select Event'

Operator

- The relationship to the question answer or datasource information
 - Example: Equals-meaning the answer is X, Not Equals-meaning the answer is not X

Value

- Value based on question answer possibilities or datasource information
 - Example: Empty- if the question answer value is empty (empty checkbox), Fixed Value- If the question answer has a fixed value answer (Yes/No, Numeric, Choice list with specific answer choices)

Add Condition: And/Or

- Additional conditions can be added
 - And=in addition to the previous condition (all criteria need to be met)
 - Or= a different condition option (either criteria can be met)
 - Usage example -choice list with 3+ options or a different question

Conditions Example (basic)

And / Or	Read out data	Value retrieved from	Field	Operator	Value
	<input type="checkbox"/>	Question Asset that work order was perform	Get value	Equals	Fixed Value Asset A
Or	<input type="checkbox"/>	Question Asset that work order was perform	Get value	Equals	Fixed Value Asset B

CONSEQUENCES

Result

- True
- False
- Always

Action on

- Custom Question
- Datasource
- Question
- Question Group

Field(most commonly used for basic business rules)

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- Hidden
- Refresh
- Get Value
- Required
- Set Value
- Label

Value

- Fixed Value
- Current Date and Time
- From Calculation (Advanced)
- From Data Source

Consequences Example (based on previous triggers and conditions examples)

Result for the above examples of Trigger, Conditions, Consequences in user friendly language
Trigger

- When question list is opened, the business rule is initiated and conditions will be evaluated
- When question, Asset that work order is performed, is interacted with, business rule is initiated and conditions will be evaluated

Conditions

- When a user answers the question, Asset that work order is performed with either the answer choice Asset A/Asset B, conditions of business rule are met to initiate the consequence

Consequences

- When the conditions are met for this business rule as stated, the question "What was the operating temperature of the unit?" will be hidden from the question list and user cannot interact with it

Full Business Rule for Given Examples as Seen in Forms Designer

