



Using OFS-Flow

Operations Feedback Systems



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What is OFS-Flow?

Flow digitises both forms and processes.

Timestamps and **event-based triggers** mean forms don't get forgotten and are completed at the relevant time.

Workflows allow your paperwork to trigger and move throughout your operations automatically, whilst being accessible to multiple parties and providing **real-time visibility**.

It can **auto-populate** fields so operators don't have to enter the same values multiple times.

Data validation helps avoid products that are out of specification by comparing to your information in OFS.

Auto-populate
job-specific
information

Product
data
validation

Conditional
formatting

Shift Start Form

Check for 11508 Round Multigrain Roll FB 35g by Elma Halle, Day -
2020-02-17 14:54:30 AEDT

Factory Order #

0000001

Batch

12

Finished Goods SKU

3602

Size

500ml

Fill Check

Fill Volume

Vol +/- .05ml

495

volume must be between 500ml
and 550ml

Fill Weight

600

BPO +/- .05ml

Cap Torque

5

Label

Label Code

11508

Label Visual

- ☒ label verified
 - ☐ label registration
 - ☒ label colour
 - ☒ label - position
- all four checks must be completed

Vertical Position - Straight

Yes

Outer Carton

Carton Code

1717003

Pack Size

x 6

x 12

x 18

x 24

pack size must match job data

Print Visual

- ☐ outer verified
- ☐ outer registration
- ☐ outer colour
- ☐ varnish free

Assembled

outer s

outer s

pallet f

Pending

Missed - Review

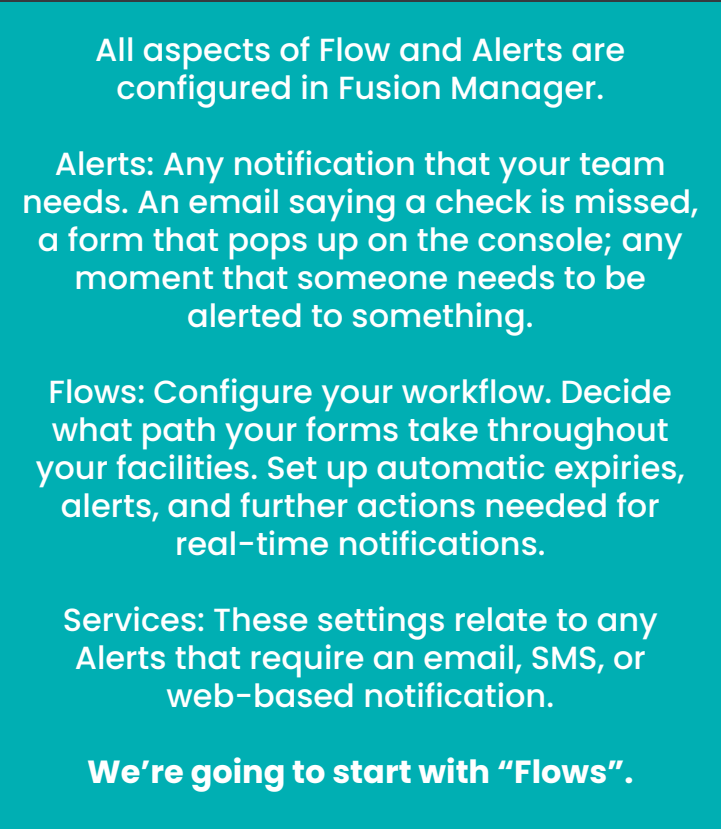
Failed

Lab Sign Off

Downtime

Job, line,
and operator
information
with
timestamps

Automated
workflows and
conditional
states



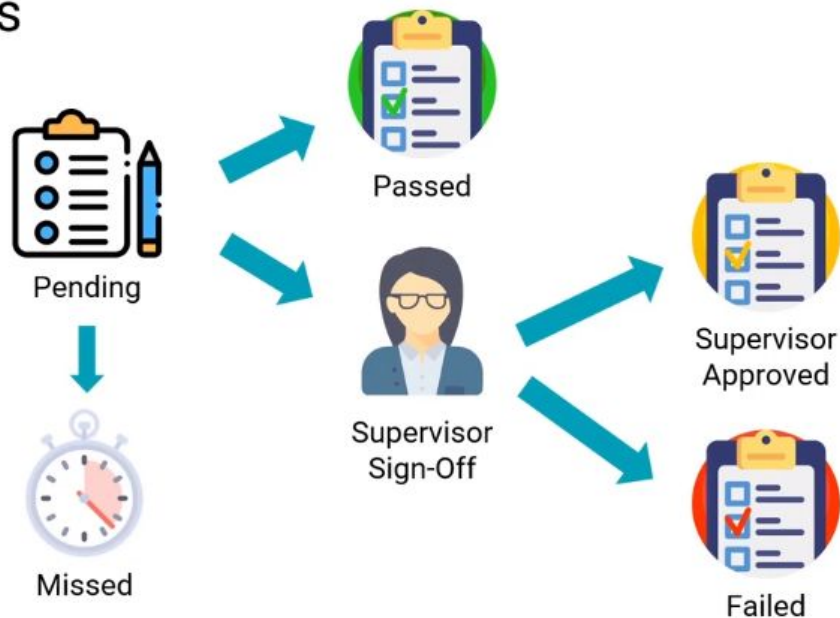
A workflow refers to the path that a form travels through your entire operation.

For example:

A quality check that the operator passes or escalates for further action.

A supervisor then assesses and passes or escalates again.

Workflows



Opened States



Pending

Expires to **Missed - Review** in 15min

INTERUPT **PERMIT VALID FORM** **PERMIT INVALID FORM**

55 Workflows

Missed - Review

Expires to **Failed** in 15min

PERMIT VALID FORM **PERMIT INVALID FORM**

Every workflow must have an **open** state (in progress) and a **closed** state (archived).

You can create new states using the + symbols above.

Closed States



Failed

Edit Form Permission

PERMIT VALID FORM **PERMIT INVALID FORM**

44 Workflows

Lab Sign Off

Edit Form Permission

PERMIT VALID FORM **PERMIT INVALID FORM**

4 Workflows

Completed

Edit Form Permission

PERMIT VALID FORM **PERMIT INVALID FORM**

53 Workflows

Downtime

Edit Form Permission

PERMIT VALID FORM **PERMIT INVALID FORM**

Opened States

Pending

Expires to Missed - Review in 15min
INTERMIT PERMIT VALID FORM PERMIT INVALID FORM

Missed - Review

Expires to Failed in 15min
PERMIT VALID FORM PERMIT INVALID FORM

Expires to

Missed - Review

Expire time (minutes)

15

ON Interrupt

OFF Expire on next alert

ON Permit valid form

ON Permit invalid form

State settings can be configured by selecting the edit pencil icon.

This is where you set what state a form will automatically expire to, and what forms are allowed in this state.

E.g., you don't want to permit an invalid form be submitted to your Completed state.

Fusion Manager Welcome ofxadmin! Logout

ofs Alerts Hide Menu

Alert Groups

- Other
- Prestart checks **2**
- Product Quality Check
- Production Checks
- Alerts
- Hourly Checks **3****
- Hourly Checks 2
- OFS-Go Prestart Checks
- Prestart Checks
- Stock Wastage Log

Filter

Services

Select...

Flows

Select...

Alerts

Search

Hourly Checks

General Workflow Form Triggers

Form Layout

Heading Filling, Capping and Quality

Selection Box Fill Level

Selection Box Closure

Selection Box Water Quality

Separator Bar

Heading Water Checks

Decimal Field UBT Free Chlorine

Decimal Field TBT Free Chlorine

Decimal Field Turbidity

Decimal Field Sample pH

Decimal Field UV Lumen

Selection Box

Field Properties Field Validation Rules

Required Unique Field Name* Form Field Label

ON Fill Level Fill Level

Units

Units

Help Text

Is Fill Level Acceptable?

Style*

Drop Down Radio Button

Edit Options

Value*

Acceptable

Not Acceptable

Select Alerts>Alert Group>Alert

Each Alert is housed within an Alert group, such as "Prestart Checks", in order to organise and display on the correct consoles.

Fusion Manager

Welcome ofxadmin! Logout

ofs Alerts

Alert Groups

Other

Prestart checks

Product

Product

Alerts

Hourly Checks

Hourly Checks 2

OFS-Go Prestart Checks

Prestart Checks

Stock Wastage Log

Filter

Services

Flows

Alerts

Hourly Checks x

General Workflow Form Triggers

Form Layout

Selection Box

Field Properties

Field Validation Rules

General Workflow Form Triggers

Separator Bar

Heading

Water Checks

Form Field Label

Acceptable

Not Acceptable

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General: Your form's name and Alert Message.

Workflow: Assign the Workflow you have built.

Form: Build your Form.

Triggers: Create rules for the notifications.

Fusion Manager

Welcome ofxadmin! Logout

ofs Alerts Hide Menu

Your Organisation
ofs Test Server

Alert Groups

- Other
- Prestart checks
- Product Quality Check
- Production Checks
- Alerts
- Hourly Checks
- Hourly Checks 2
- OFS-Go Prestart Checks
- Prestart Checks
- Stock Wastage Log

Hourly Checks x

General Workflow Form Triggers

Form Layout

Heading

Selection Box

Selection Box

Selection Box

Separator Bar

Filling, Capping and Quality

Fill Level

Closure

Water Quality

Selection Box

Field Properties

Field Validation Rules

Required Unique Field Name*

Form Field Label

Units

Help Text

Is Fill Level Acceptable?

These controls allow you to edit your form.

Form Layout

Left to right: Copy, Move up, Move down, Delete, Preview, Import/Export, Maximise.

Filter

Services

Flows

Alerts

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The screenshot shows the Fusion Manager Alerts configuration interface. On the left, a sidebar contains navigation links: 'Your Organization', 'Alerts & Flows', 'Alerts', 'Flows', 'Services', and 'Advanced Settings'. The 'Alerts' link is highlighted. The main content area is titled 'Alerts' and shows a list of alert groups: 'Alert Groups', 'Other', 'Prestart checks', 'Product Quality Check', 'Production Checks', and 'Hourly Checks'. The 'Hourly Checks' group is selected, and its configuration is displayed in the 'Form' tab. The configuration includes a table of fields with the following data:

Field Properties	Field Validation Rules	Form Field Label
Required	Unique Field Name*	Form Field Label
ON	Fill Level	Fill Level
Units	Units	Default Value
Is Fill Level Acceptable?		
Style*	Drop Down	Radio Button
Edit Options		
Value*		Form Field Label
Acceptable		Acceptable
Not Acceptable		Not Acceptable

The 'Edit Options' section is also visible, showing a table with the following data:

Value*	Form Field Label
Acceptable	Acceptable
Not Acceptable	Not Acceptable

Form Layout

Field Properties

Field Validation Rules

Validation Rules for **Turbidity** (% Decimal Field)

Mark form as **Error** with message Value must be positive , when

`a["Turbidity"] < 0`

OR

Mark form as **Invalid** with message Refer to Lab - value out of range , when

`(% Turbidity < 0) OR (% Turbidity > 0.5)`

Field Validation allows you to build rules that determine whether a value is within spec or not. These Valid/Invalid margins change the state a Form can be moved to.

Validation can be based on static values, or on specific Product Metadata.

Special Fields

- Value
- Alert Data
- Product Data

Math Operators

Zoom

Hourly Checks ×

General

Workflow

Form

Triggers **1**

Edit Triggers

☐ Hide Menu

Total Time Or Count

0

Edit Job Trigger

+ 📄 🗑️Job **2**

1

Shift

0

Machine State

0

Relay

0

<input checked="" type="checkbox"/>	Licence	On Start	On End	Conditional	Offset	Repeat	Offset and Repeat Units	Lines	Services	✎
Job : after 500 In : then every 5000 In										
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Licenced	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	500	5000	In	1	0	3 📄

Alerts can be configured to trigger with a new job, a new shift, a new machine state such as downtime, and more.

Each Alert can have more than one trigger.

Update Job Trigger

#ofs

This operation will modify the selected Job Trigger.

Job : After 500 In then every 5000 In : (1 line)

General

Conditional Expression

OFF

☐ OFF

On Start

☐ OFF

On End

☒ ON

Offset

500

☒ ON

Repeat

5000

Offset and Repeat Units

In

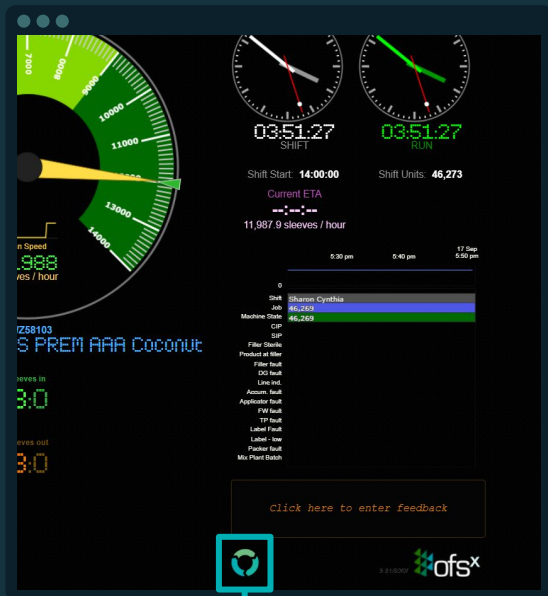
Lines

Filler 080 ✕✕

Services

Select Services

📄 Update✕ Cancel



The Bottling form is divided into two sections. The top section, titled 'Bottling', shows a 'Pass' status with a yellow bar. It includes fields for 'Tank Number' (Tank 1), 'BB Date' (2019-12-12), 'Bottle Rinse' (4), 'Cap Torque' (3), 'CO2' (3), 'Cap Damage' (1), 'Weight' (3), 'Taste / Smell' (1), 'Carton Check' (1), and 'Label Check' (1). A comment field is at the bottom. The bottom section, also titled 'Bottling', shows a 'Missed' status with a blue bar. It includes fields for 'Tank Number' and 'BB Date'. A red box highlights a '+' icon in the top left corner of the form area.

Flow can be accessed using the Live Flows icon on the operator console. Operators can select the + icon to manually raise a new form, complete a form that has been populated, or view forms previously completed. Different “Groups” can be ticked to show the relevant forms for each console.

