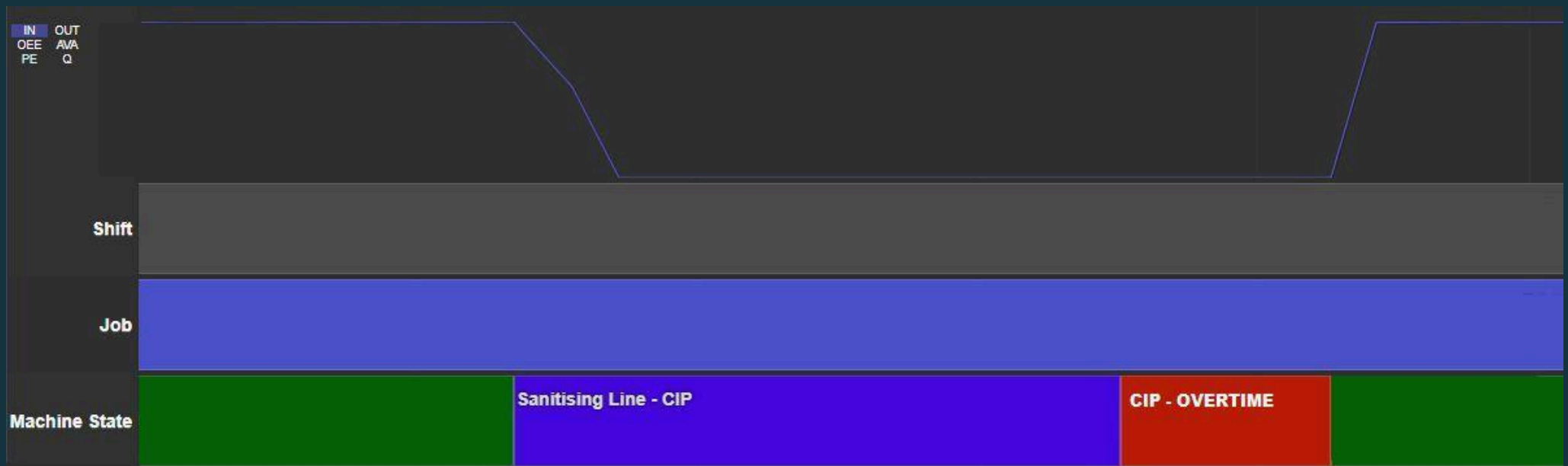


# PLANNED ACTIVITY OVERTIME

The 'Planned Activity Overtime' principle allows you to track when a 'Planned Downtime' exceeds a set target time. Within OFS, this can easily be achieved by using a mix of existing tools in Fusion Manager, such as the Reasons list and the API web services.

When configured correctly, Operators are only required to log the initial Planned Downtime reason (e.g. 'Sanitising Line - CIP'), with OFS automatically entering a predefined unplanned overtime reason when the target time has passed:



## To consider:

### ***What should expire?***

- Which Planned Downtime reasons
- On which OFS Lines

### ***What should the Planned Activity/Downtime expire to?***

- To a predefined Unplanned Downtime reason or,
- To the 'Unallocated' downtime

### ***Conditions:***

- When does the expiry occur, e.g. offset 240 mins from the start of the Planned Downtime

# Configuration 1. Create the Downtime Reasons

Create the Planned Downtime and Unplanned Downtime in your Reason List in Fusion Manager.

In this example, we will create a 'CIP (45mins)' planned downtime and a 'CIP (45mins) Overtime' unplanned downtime.

The screenshot displays the 'Manage Reasons' interface. On the left, a list of reason categories is shown, with 'Planned Activities' highlighted. The main area shows a table of reasons. The table has columns for Name, Downtime Type, and Group. Two reasons are listed: 'CIP (45 mins)' with a Downtime Type of 'Planned' and a Group of 'Downtime', and 'CIP (45mins) Overtime' with a Downtime Type of 'Unplanned' and a Group of 'Downtime, Hidden'. Both rows are highlighted with a red border.

Name	Downtime Type	Group
CIP (45 mins)	Planned	Downtime
CIP (45mins) Overtime	Unplanned	Downtime, Hidden


Remember to assign your new reason to a line in 'Reason Assignment'.

## Configuration 2. Create a new user

Create a new, dedicated user in Fusion Manager with 'Analytics User' permissions

2a) Navigate to the 'Users & Operators' tab

2b) Create a Name, Login, and Password. Then, set the Role as an 'Analytics User'

**Edit User** 

This operation will update the selected user.

**General** | User Links

Name \*

Login \*


Password \*

Email

Title

Role\*

Language \*(English)

Country \*(OFS)  

Active

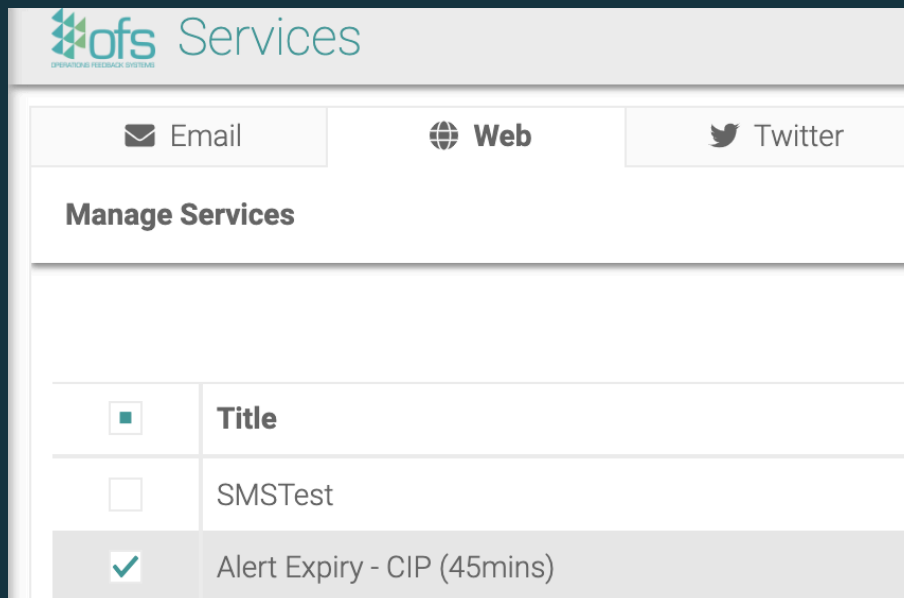
## Configuration 3. Create a Web 'Service'

NOTE: You will need one WEB service per Unplanned Downtime reason.

3a) Navigate to the 'Services' tab

3b) Click 'Web'

3c) Create a new Alert e.g. Alert Expiry - CIP (45mins)




The screenshot shows the 'ofs Services' interface. At the top, there is a header with the 'ofs' logo and the text 'Services'. Below the header, there are three tabs: 'Email', 'Web', and 'Twitter'. The 'Web' tab is selected. Underneath the tabs, there is a section titled 'Manage Services'. Below this section, there is a table with two columns: a checkbox column and a 'Title' column. The table contains three rows: a header row with a checkbox and the title 'Title', a row with an unchecked checkbox and the title 'SMSTest', and a row with a checked checkbox and the title 'Alert Expiry - CIP (45mins)'. The row with the checked checkbox is highlighted in grey.


<input type="checkbox"/>	Title
<input type="checkbox"/>	SMSTest
<input checked="" type="checkbox"/>	Alert Expiry - CIP (45mins)

3d) In the URL, enter the following with your OFS information:

<https://customer.ofsxpess.com/WorkcentreID/server/control/downtime/allocate/@reasoncode>

- **Customer** is the name of your organisation
- If your OFS is on a server, you will instead replace the **customer.ofsxpess.com** with the IP address.
  - Example:  
<http://10.123.456.78/WorkcentreID/server/control/downtime/allocate/@reasoncode>

**Update Service** 

Title \*  Type  Web

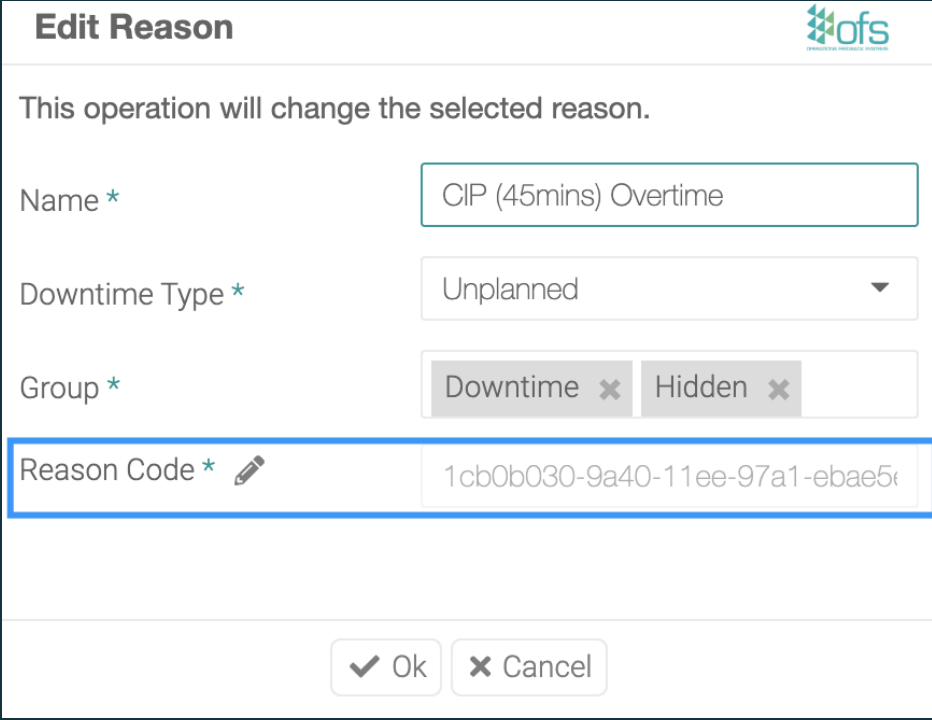
Connection Authentication Schedule


URL \*

HTTP Method

Web Parameter\* Value

- **WorkcentreID** is the OFS Line identifier e.g. OFS001.
  - Please find this unique identifier in Fusion Manager or on the console page URL.
  - For multiple lines, use {{workcentre}} instead of the workcentreID.
- **Reason Code** is found in the unplanned reason created in config 1.




**Edit Reason** 

This operation will change the selected reason.

Name \*


Downtime Type \*


Group \*


Reason Code \* 

3e) On the 'Authentication' tab, enter the details from the newly created 'Alerts' account.

The screenshot shows the 'Update Service' configuration page for an alert service. The page has a header with the title 'Update Service' and the 'ofs' logo. Below the header, there is a 'Title \*' field containing 'Alert Expiry - CIP (45mins)' and a 'Type' dropdown menu set to 'Web'. A 'Update & Test' button is located below the title field. The main content area is divided into three tabs: 'Connection', 'Authentication', and 'Schedule'. The 'Authentication' tab is currently selected. Under the 'Authentication' tab, there are two toggle switches: 'Basic Auth' (set to 'ON') and 'Pre-emptive Auth' (set to 'OFF'). Below these toggles are three input fields: 'User Name' (containing 'Alert'), 'Password' (masked with dots), and an empty field. At the bottom of the page, there are two buttons: 'Update' and 'Cancel'.

**Update Service** 

Title \*  Type  Web



 Update & Test

Connection Authentication Schedule

Basic Auth  ON Pre-emptive Auth  OFF

User Name

Password

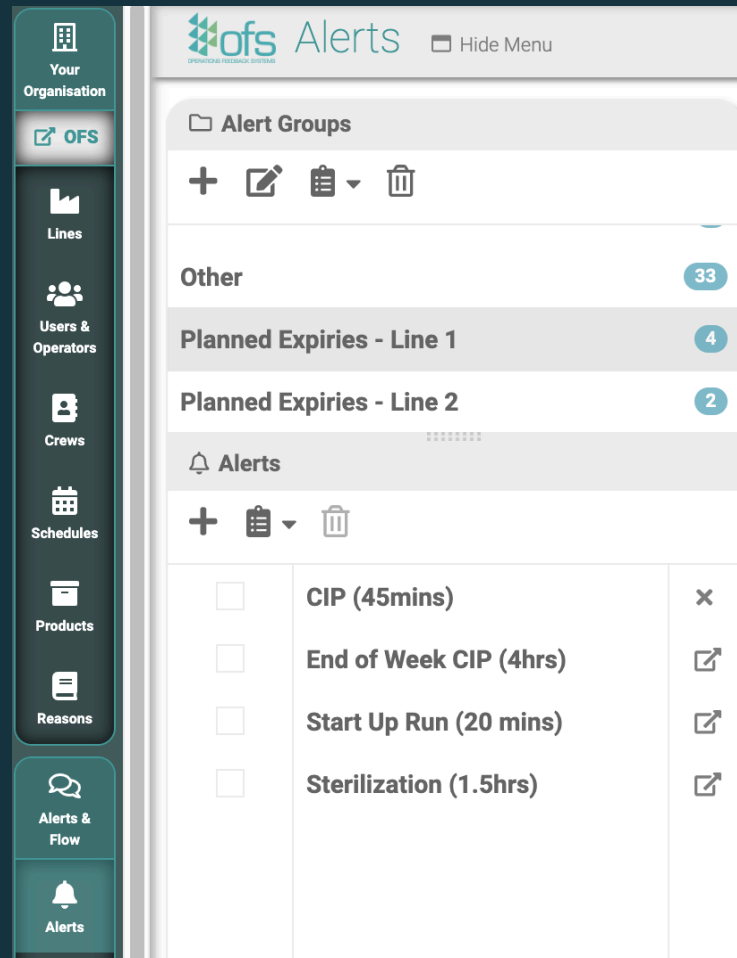
 Update  Cancel



## Configuration 4. Create a new Alert

Create a new 'Alert Group' dedicated to these types of alerts in the 'Alerts' tab. Then, create a new 'Alert' within the Alert Group.

Additionally, make sure the Groups and Alerts are descriptive.



The screenshot displays the 'Alerts' tab in the Ofs Operational Feedback System. The interface includes a sidebar with navigation options: Your Organisation, Ofs, Lines, Users & Operators, Crews, Schedules, Products, Reasons, Alerts & Flow, and Alerts. The main content area shows a list of 'Alert Groups' and 'Alerts'.

**Alert Groups:**

- Other (33)
- Planned Expiries - Line 1 (4)
- Planned Expiries - Line 2 (2)

**Alerts:**

Alert Name	Action
<input type="checkbox"/> CIP (45mins)	×
<input type="checkbox"/> End of Week CIP (4hrs)	✎
<input type="checkbox"/> Start Up Run (20 mins)	✎
<input type="checkbox"/> Sterilization (1.5hrs)	✎

# Configuration 5. Create the Trigger

Create a new trigger in the 'Machine State':

CIP (45mins) ✕

General Workflow Form **Triggers**

Edit Triggers  Hide Menu

Total Time Or Count		Edit Machine State Trigger <span>+</span>			
Job	0	<input type="checkbox"/>	Machine State	Licence	Group Adjacent Spa
Shift	0	Planned Downtime : Planned Activities::CIP (45 mins) : After 45 minutes : 1 service : (1 line)			
<b>Machine State</b>	1	<input type="checkbox"/>	Planned Downtime	<span>✓ Licenced</span>	<span>✓</span>
Relay	0				

5a) In Machine State, tick 'Planned Downtime'

5b) Toggle on 'Group Adjacent Spans within Jobs'

5c) Toggle on 'Offset' and enter in target time.  
Set the Units e.g. minutes

5d) Select the Lines

5e) Select the 'Service'

5f) In the 'Reason or Category' field,  
select the 'Planned Downtime' reason

**Update Machine State Trigger**

This operation will modify the selected Machine State Trigger.

Planned Downtime : Planned Activities::CIP (45 mins) : After 45 minutes : 1 service : (1 line)

**General** Conditional Expression **OFF**

Machine State

- Downtime in Setup
- Planned Downtime
- Running

On Start  On End  Offset 45

Repeat Repeat Offset and Repeat Units minutes

Lines Filling Line x

Services Alert Expiry - CIP (45mins) x

Reason or Category Planned Activities::CIP (45 mins) **ON**

Update Cancel

In our example, the service 'Alert Expiry –Overtime planned activities' will be activated after the CIP reason has been logged and 45 minutes have passed

## Requirements

As long as a Planned Downtime Reason is selected **within** the Target Time (= Offset time specified in the Alert), OFS will automatically change to an unplanned Downtime overtime state.

## Use Case

While this feature can be used for Planned Downtime activities during your JOB run, Setup Overtime can be used to track your 'Setup'. Thus, tracking Setup Expiry. The document can be found in our Customer Portal.

## Questions or issues?

Please reach out to us at [support@ofsystems.com](mailto:support@ofsystems.com).