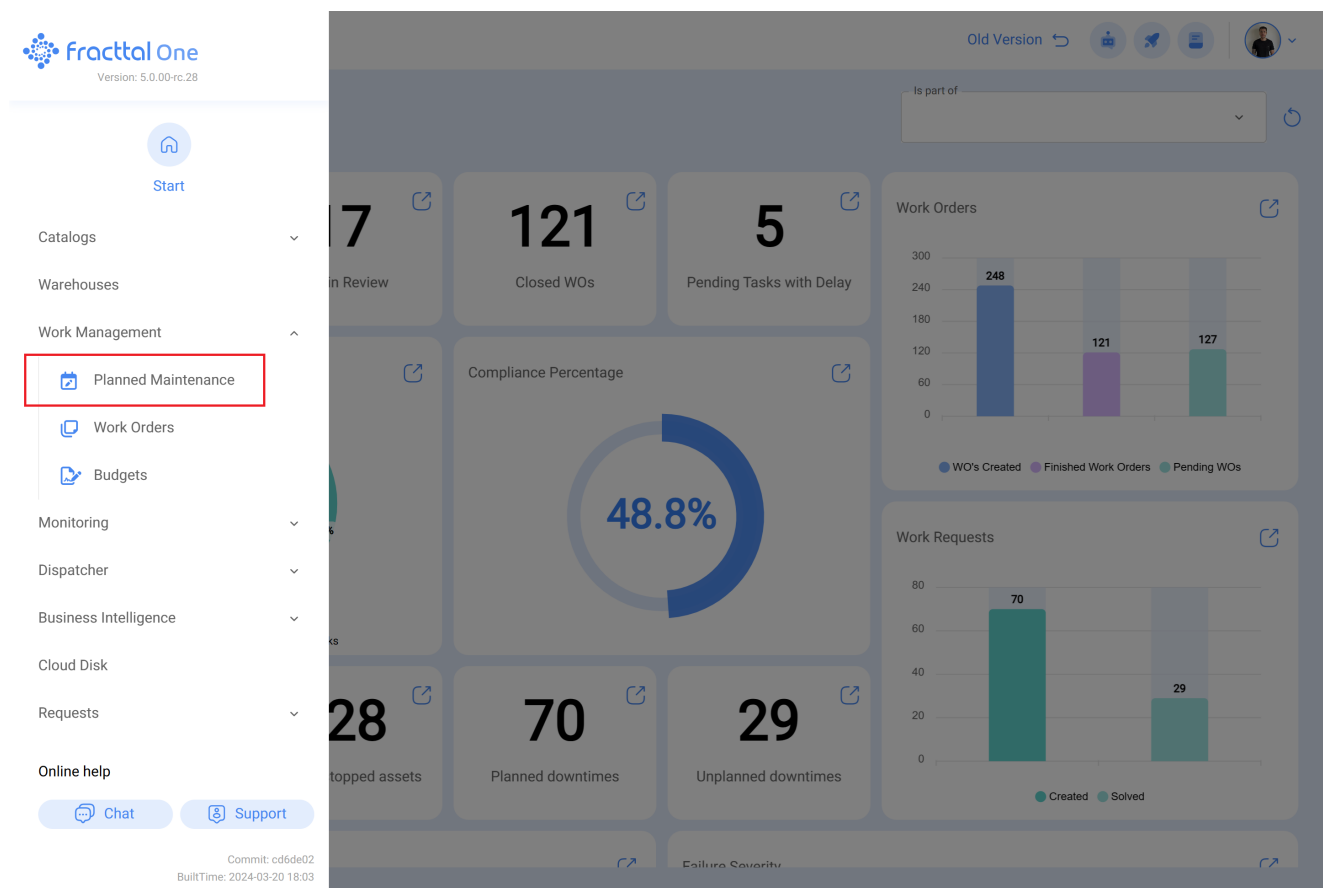


Tasks with meters, how is it defined? How do I link plan, meter and assets?

help2.fractal.com/hc/en-us/articles/25225327519757-Tasks-with-meters-how-is-it-defined-How-do-I-link-plan-meter-and-assets

Meter-based maintenance helps us create tasks that activate depending on the number of hours a certain equipment has been in operation, the number of kilometers travelled, number of units produced and critical variables such as temperature, pressure or humidity.

To define a task associated to a meter, we should go to the work management module, and then “Planned Maintenance”.



The meter associated to that task can be created previously from the meter monitoring module, go to [how to create a new meter?](#)

This meter can also be created when you define the planned maintenance with its respective task as shown below:

Description	Linked Tasks	Linked Assets	Limit Acces to this location
01 Plan de maintenance-TRACTEUR_ARMTOP_STARTAIR	1	2	// Luminosos Alcaino prub1/
01. PLAN MANTTO. HPU BOCATOMA	3	1	// ANDEAN POWER/
ACÓPLADOR	3	2	//
AC PR M - newrest	4	2	// Newrest/ Angola/
AC PR M - newrest	4	0	//
[AEVO] PLANO DE MANUTENÇÃO - INVERSORES	3	4	// Aevo/
AIRE SPLIT NO ENFRIA	2	3	// PRUEBAS NEWREST CHILE -BOLIVIA/ Planta ECL/
A Plano de manutenção Gerador	7	1	//
ASISTENCIAS PARA CLIENTES	5	0	//
ASISTENCIAS PARA CLIENTES	5	2	//
BALL MILL INSPECTION PLAN	7	0	//
banda transportadora	1	1	//
BANDA TRANSPORTADORA	6	2	//
BANDA TRANSPORTADORA 02	3	0	// CENTRO COMERCIAL EL TESORO/
Bandta Transportadora I P1	9	0	//

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← maintenance plan Save

Information
You have pending changes to save!

Description
maintenance plan

Limit Acces to this location
▼

Linked Tasks
0

Assets Linked
0

Details

- General
- Task Plans
- Assets Linked

Once the planned maintenance has been created, you should define the task

The screenshot displays a 'New Task' configuration screen in a 'Work Management Planned Maintenance' application. The interface is split into two main sections: a left sidebar and a right main form.

Left Sidebar (maintenance plan):

- Details
 - General
 - Task Plans
 - Assets Linked

Main Form (New Task):

- Description:** Oil Change
- Task type:** Preventive Maintenance
- Group 1:** (Empty dropdown)
- Group 2:** (Empty dropdown)
- Priority:** Medium
- Estimated Duration:** 000:10
- Asset Downtime:** 000:00
- Triggers:** A section with a blue folder icon and a plus sign button. Below it, the text reads: "You must add at least one trigger".

Table (Visible in the background on the left):

Description	Configured...	Priority
Oil Change	Yes	

Showing 1 of 1

To associate a meter to a task, add the trigger Each (for example, each 10 km) or the trigger when (for example, when the temperature is higher than 90°C). Both base their triggers on accumulating and non-accumulating meters respectively.

Work Management
Planned Maintenance


← maintenance plan

Details

- General
- Task Plans
- Assets Linked

	Description	Configured...	Priority
<input type="checkbox"/>	Oil Change	Yes	

Showing 1 of 1

← Reading Every 

Frequency
100

Unit
Hours

Until
Without Limit

Fixed Schedule

Once the general, subtasks, resources and attachments tabs have been defined, link the assets to the PM and associate the meter that will activate that task.

Work Management
Planned Maintenance

← maintenance plan

Details

- General
- Task Plans
- Assets Linked

No data to show with these

Showing 0 of 0

← Search by Assets

< (4) Selected Finish

- { SAT-M-TRAC.A-005 } JOHN DEERE 6210 JOHN DEERE
 - Type: Equipment
 - Code: SAT-M-TRAC.A-005
 - Priority:
 - Location: // GALCACO/ ALMACEN CAPARROSO/ TRACTORES AGRICOLAS
- { SAT-M-TRAC.A-006 } JOHN DEERE 6220 JOHN DEERE
 - Type: Equipment
 - Code: SAT-M-TRAC.A-006
 - Priority:
 - Location: // GALCACO/ ALMACEN CAPARROSO/ TRACTORES AGRICOLAS
- { SAT-M-TRAC.A-007 } JOHN DEERE 6220 MCD2 RUEDA AN...
 - Type: Equipment
 - Code: SAT-M-TRAC.A-007
 - Priority:
 - Location: // GALCACO/ ALMACEN CAPARROSO/ TRACTORES AGRICOLAS
- { SAT-M-TRAC.A-008 } PULVERIZADORA ELOY GENERAL
 - Type: Equipment
 - Code: SAT-M-TRAC.A-008
 - Priority:
 - Location: // GALCACO/ ALMACEN CAPARROSO/ TRACTORES AGRICOLAS
- { SAT-M-TRAC.A-009 } PULVERIZADORA NUEVA GENERAL G...
 - Type: Equipment
 - Code: SAT-M-TRAC.A-009
 - Priority:
 - Location: // GALCACO/ ALMACEN CAPARROSO/ TRACTORES AGRICOLAS
- { SAT-M-TRAC.A-011 } REMOLQUE BASURA SANTA MARIA

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Select the assets and then configure the triggers (define the meter associated to the assets that will activate the tasks).

The screenshot displays a software interface for 'Work Management Planned Maintenance'. On the left, a sidebar under 'maintenance plan' includes sections for 'Details', 'General', 'Task Plans', and 'Assets Linked'. The main content area is currently empty, showing a message: 'No data to show with these'. On the right, a panel titled 'Link Assets' is active, showing a list of four assets. Each asset entry includes a task name, a trigger, and a meter configuration link. The assets listed are:

- { SAT-M-TRAC.A-005 } JOHN DEERE 6210 JOHN DEERE
- { SAT-M-TRAC.A-006 } JOHN DEERE 6220 JOHN DEERE
- { SAT-M-TRAC.A-007 } JOHN DEERE 6220 MCD2 RUEDA ANCHA ...
- { SAT-M-TRAC.A-001 } FENDT FENDT

Each asset entry shows a task of 'Oil Change', a trigger of 'Every 100 Hours', and a meter configuration link labeled 'Double Click To Configure ...'. At the bottom right of the 'Link Assets' panel, there is a 'Last WO Date' field with the value '2024-03-21 13:07'.

When configuring the meters, enter the meter description, serial number (optional), last value (Fractal will count this value for the next activation), date (of last value), monthly average (if known) and the option for automating average. This process must be repeated for all different assets.

To star tasks, click the link button on the top right.

Work Management
Planned Maintenance

← maintenance plan

Details

- General
- Task Plans
- Assets Linked

No data to show with these

Showing 0 of 0

Link Assets

ASSETS SETUP TRIGGERS SETUP SUB TASKS

{ SAT-M-TRAC.A-005 } JOHN DEERE 6210 JOHN DEERE

Task: Oil Change
Trigger: Every 100 Hours
Meter: Hours

{ SAT-M-TRAC.A-006 } JOHN DEERE 6220 JOHN DEERE

Task: Oil Change
Trigger: Every 100 Hours
Meter: Hours

{ SAT-M-TRAC.A-007 } JOHN DEERE 6220 MCD2 RUEDA ANCHA ...

Task: Oil Change
Trigger: Every 100 Hours
Meter: Hours

{ SAT-M-TRAC.A-001 } FENDT FENDT

Task: Oil Change
Trigger: Every 100 Hours
Meter: Hours

Showing 4 of 4

Last WO Date

2024-03-21 13:07

This way, we will have created a PM with tasks associated to a meter.

Q maintenance plan Old Version

Description	Linked Tasks	Linked Assets	Limit Acces to this location
Bicycle maintenance plan	1	0	//
COLD ROOM MAINTENANCE PLAN	4	0	//
COMPRESSOR MAINTENANCE PLAN	9	1	//
COMPRESSOR MAINTENANCE PLAN	9	0	//
CONVEYOR BELT MAINTENANCE PLAN	3	0	//
CRUSHER MAINTENANCE PLAN	4	0	//
DRY-TYPE TRANSFORMERS MAINTENANCE PLAN	3	0	//
ELECTRICAL PANELBOARD MAINTENANCE PLAN	3	0	//
ELECTRICAL SUBSTATION MAINTENANCE PLAN	6	0	//
ELECTRIC MOTOR MAINTENANCE PLAN	11	0	//
EXTRUDER MAINTENANCE PLAN	4	0	//
FANCOIL MAINTENANCE PLAN	4	0	//
FIREFIGHTING SYSTEM MAINTENANCE PLAN	3	0	//
FREIGHTLINER M102 TRUCK MAINTENANCE PLAN	4	0	//
HORIZONTAL BOILER MAINTENANCE PLAN	8	0	//

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