

# Indicators

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[help.fracttal.com/hc/en-us/articles/24912122350093-Indicators](https://help.fracttal.com/hc/en-us/articles/24912122350093-Indicators)

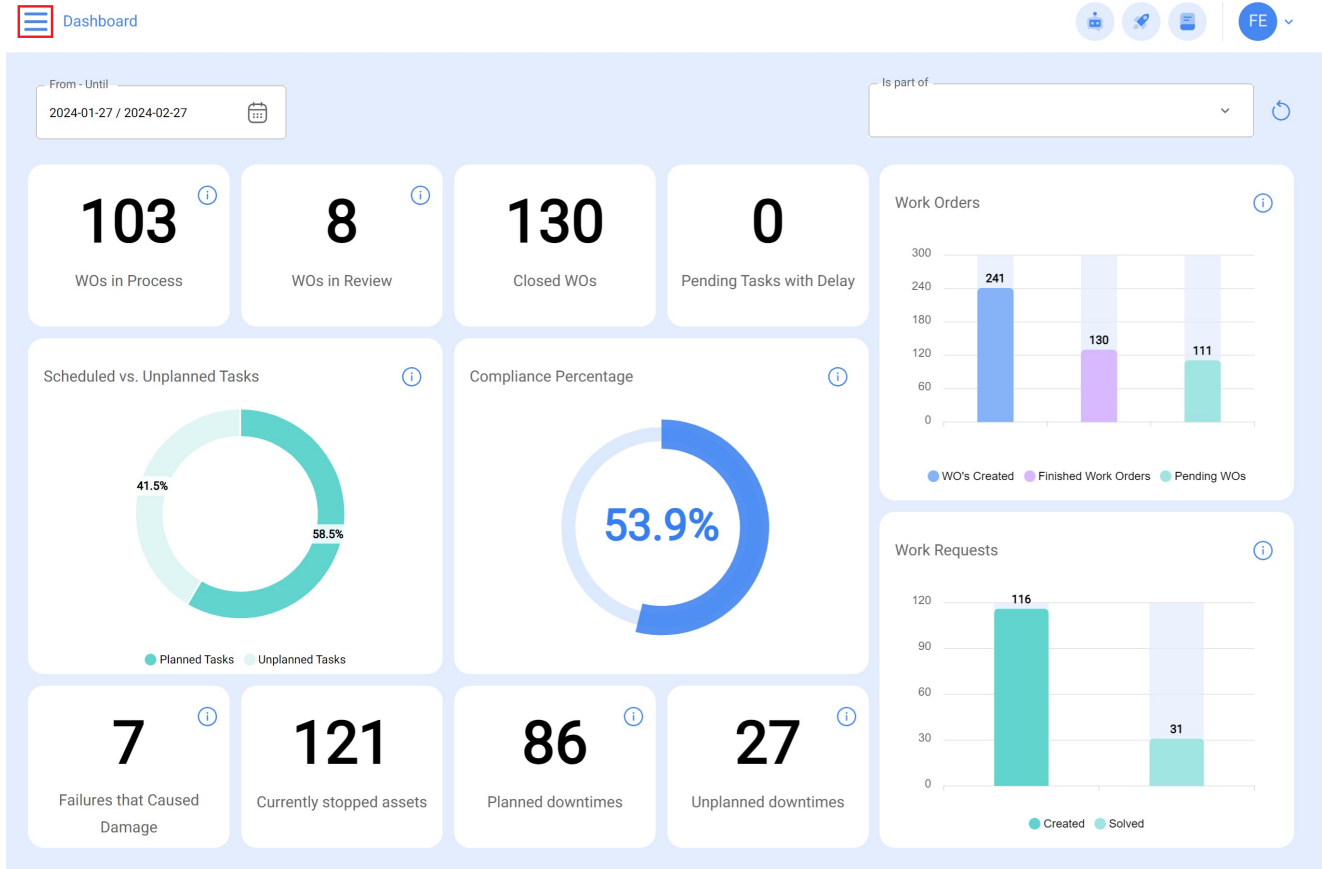
In Fracttal One 5.0 there are 4 types of fundamental indicators in all maintenance management:

- **Maintenance availability:** The probability that a system, equipment or component will perform its intended function when required. It is expressed as a percentage and takes into account both the reliability and maintainability of the system.
- **Availability due to failures:** This is understood as the percentage of time during which a piece of equipment is fit for use and operational, but taking into account only the sum of the time due to unplanned shutdowns, failures and incidents of the equipment and physical assets.
- **Mean Time Between Failures MTBF (Mean Time Between Failures):** It is a measure of the average time between consecutive failures of a repairable system or component and as its name says, it is calculated from the time a failure occurs until the time after the other one occurs, so it includes the uptime and downtime periods.
- **Mean Time To Repair MTTR (Mean Time To Repair):** Indicates the average time required to repair a system after a failure. A low MTTR is desirable, as it implies fast recovery and less downtime.

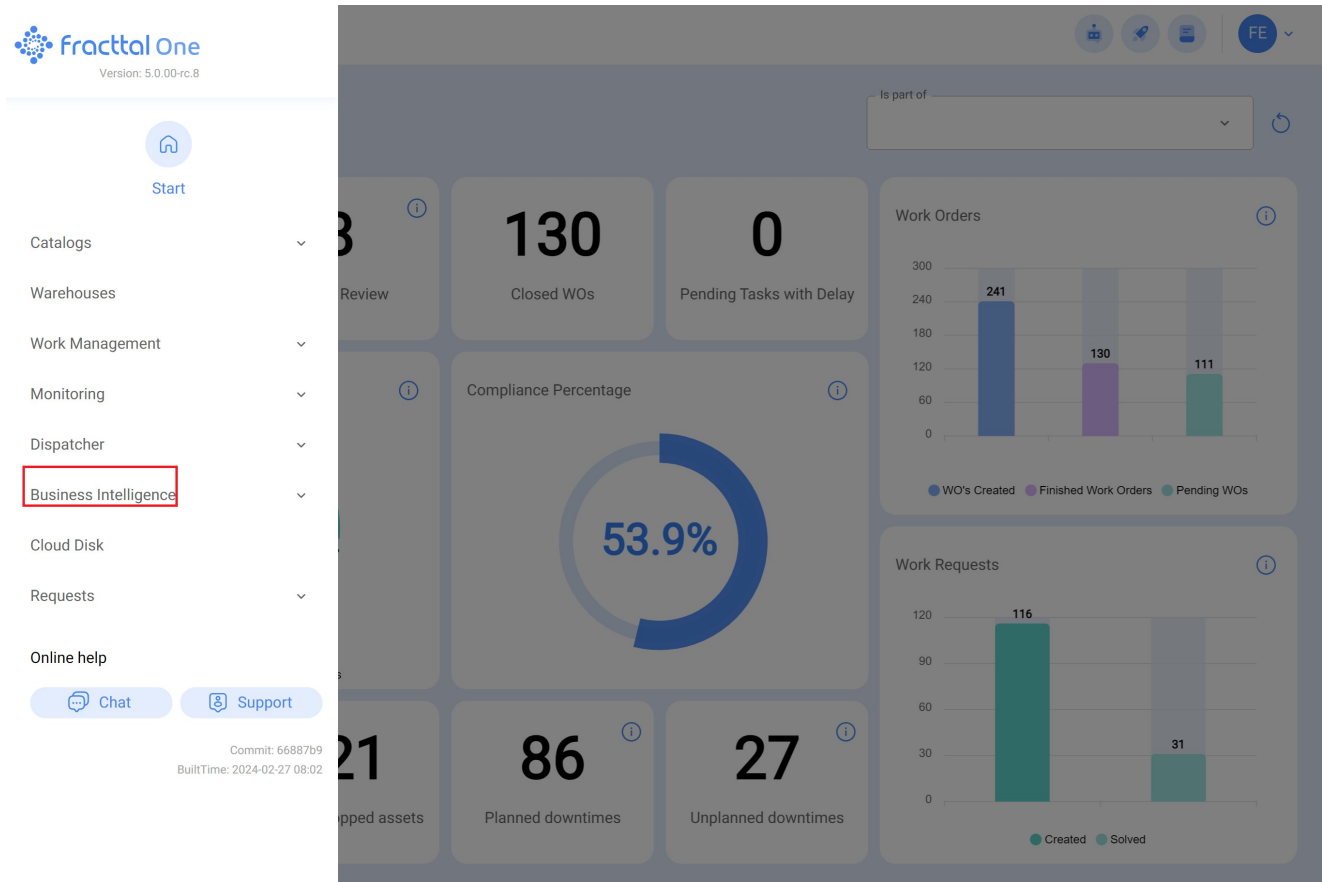
## How do we place them in Fracttal One?

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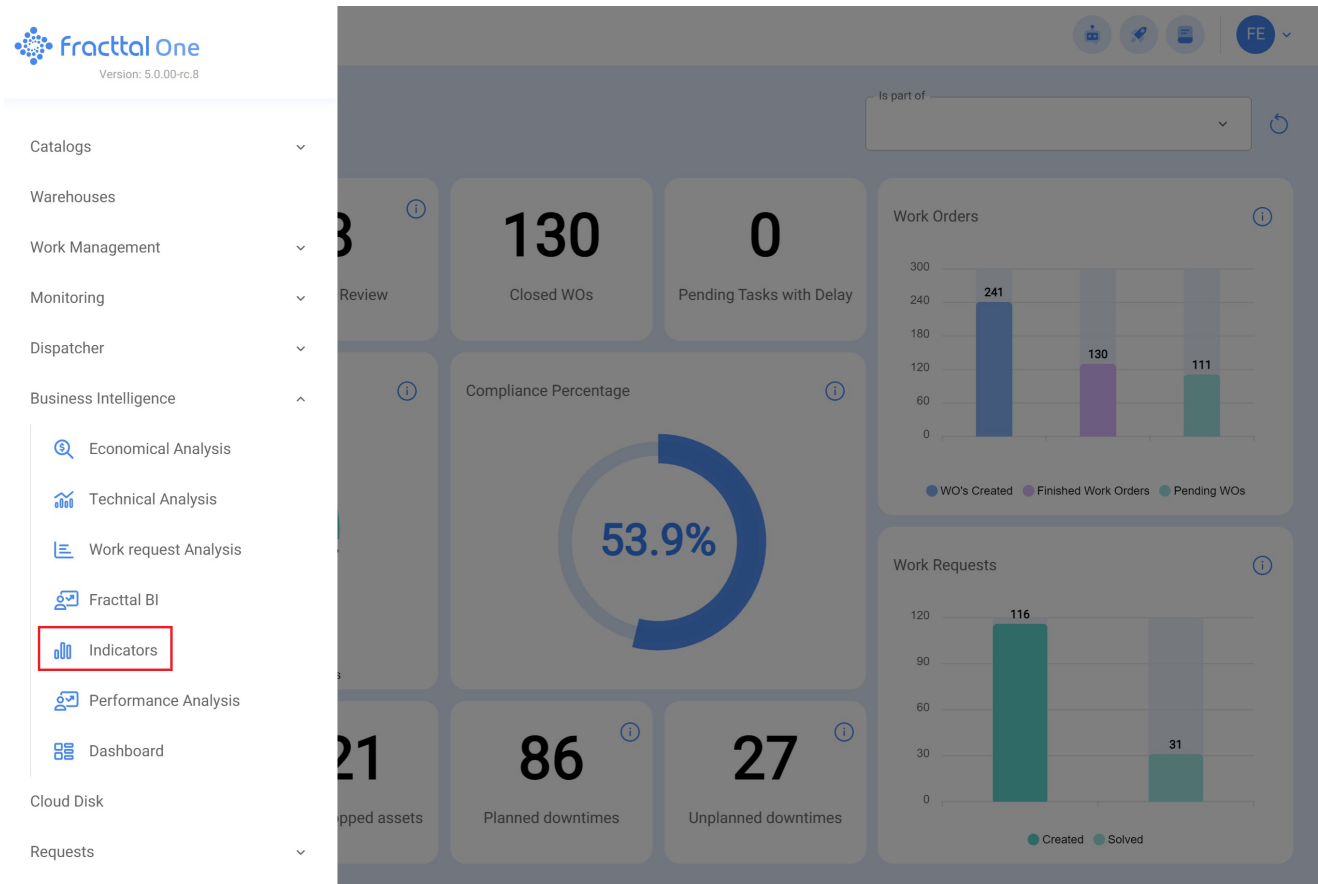
1. Click on main menu



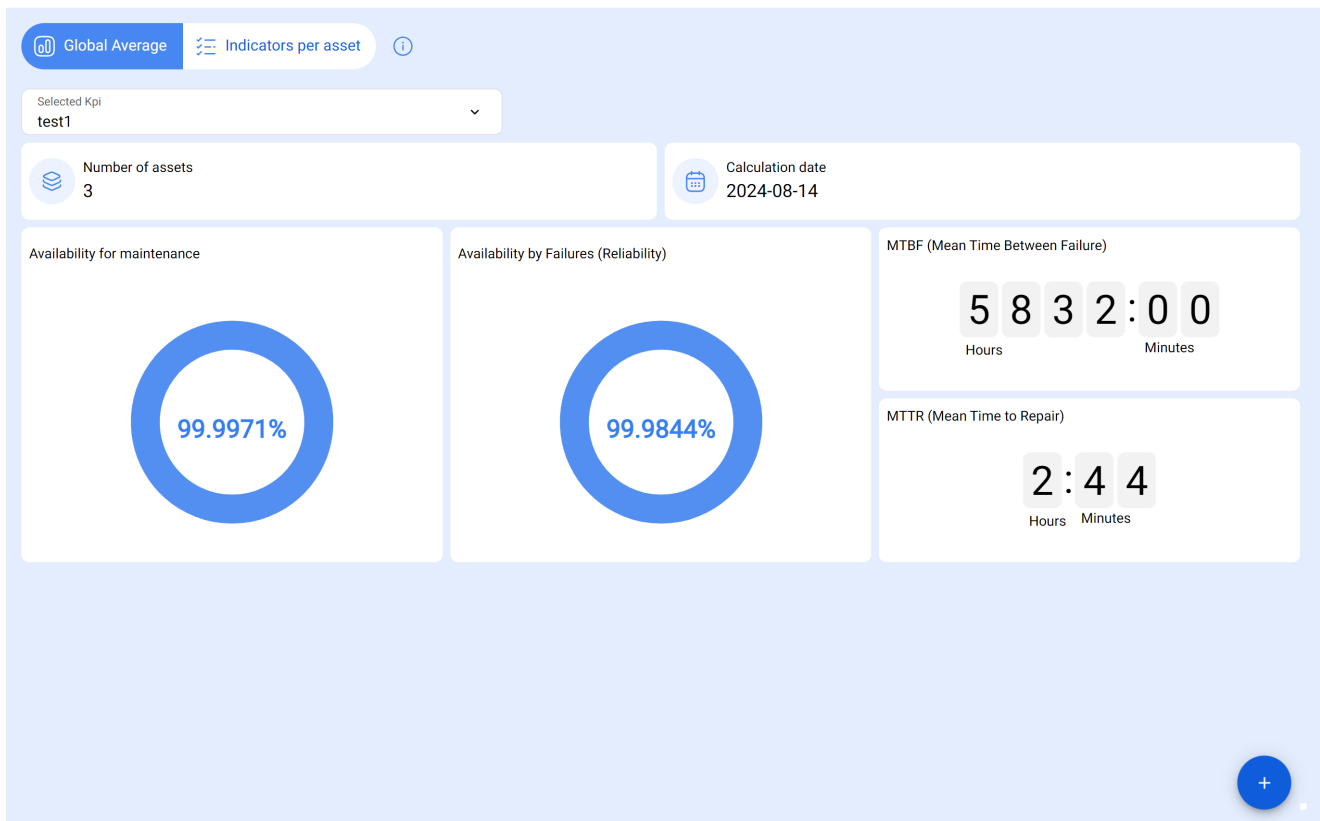
2. click on the business intelligence module



3.click on technical analysis



Here you will see the KPI interface



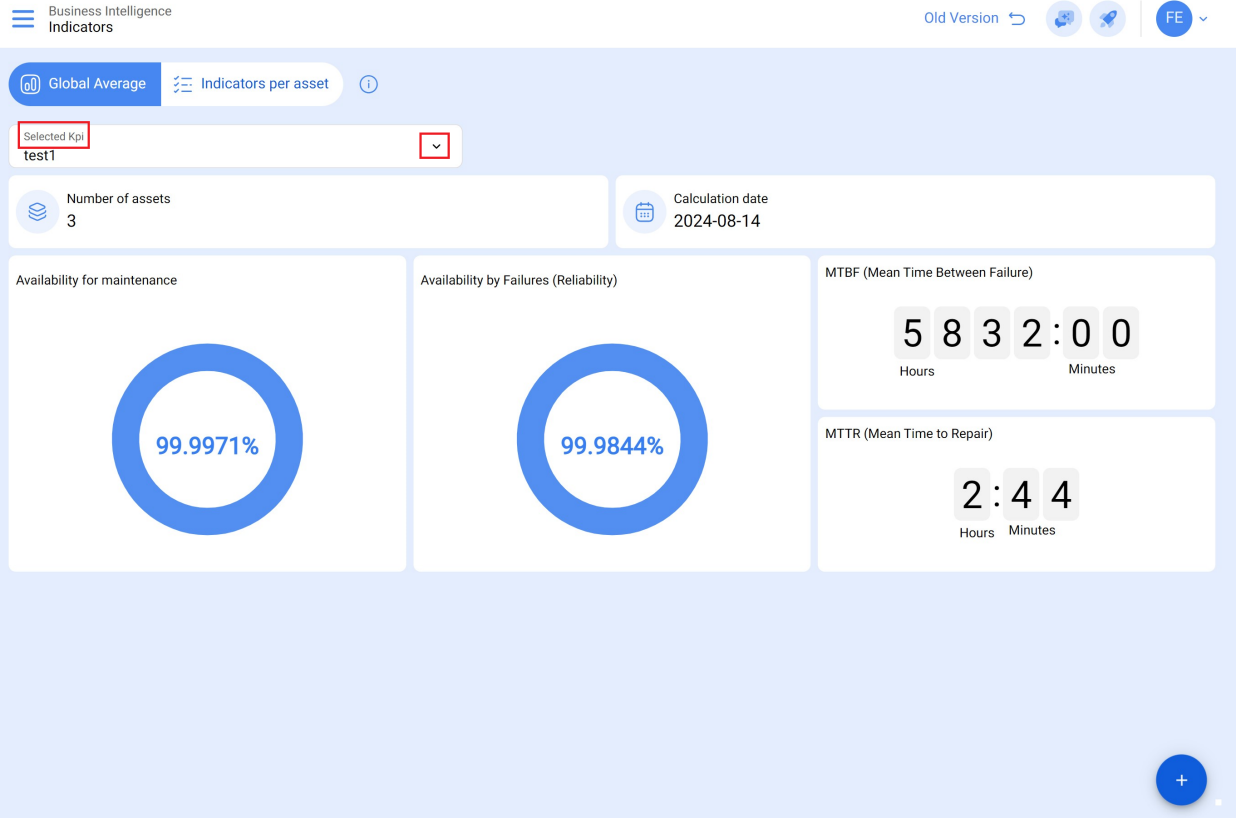
## What can the user interact there?

**Calculated KPIs :** In this space, users have the possibility to choose the date ranges to consult their KPIs. The highlight is the option to save these ranges for future queries, providing an even more efficient experience.

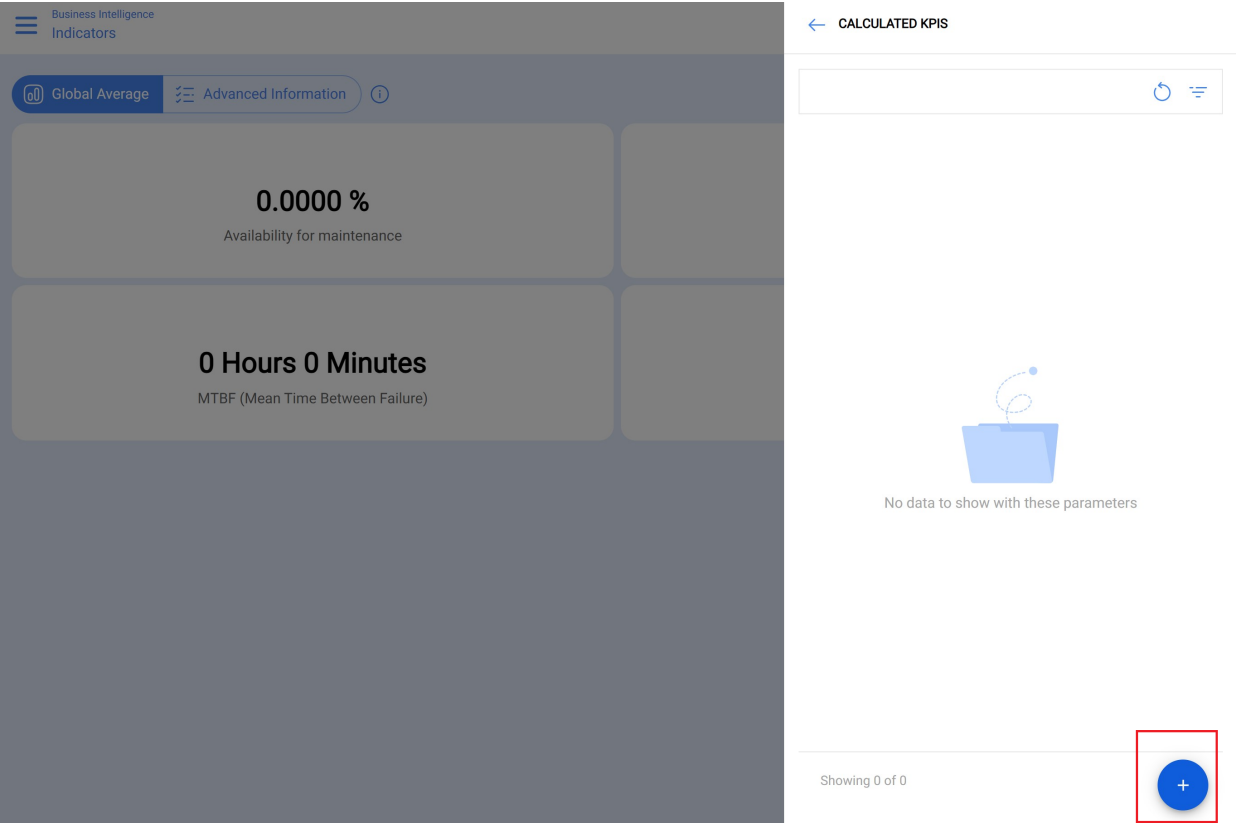
## Step by Step: Configuring Calculated KPIs



1. Click on "Calculated KPIs".



2. Then click on the "+" button.



3. Dans la description, saisissez le nom que vous souhaitez utiliser pour identifier In the description, enter the name you want to use to identify your analysis. Then, select the date range you are interested in and complete the other fields to properly centralize your information, such as: location, asset type, code, description, cost center, and forms.

The image shows a Business Intelligence Indicators dashboard on the left and an 'Add KPI' form on the right. The dashboard displays two circular gauges: 'Availability for maintenance' at 99.9971% and 'Availability by Failures (Reliability)' at 99.9844%. The 'Add KPI' form is highlighted with a red border and contains the following fields:

- Description: RKP
- Start date: 2024-08-14 13:15
- End Date: 2024-08-14 13:15
- Location: (dropdown menu)
- Asset Type: Equipment
- Code: (text field)
- Description: (text field)
- Priority: (dropdown menu)
- Type: (dropdown menu)
- Group 1: (text field)

Buttons for 'Cancel' and 'Calculate' are located at the bottom of the form.

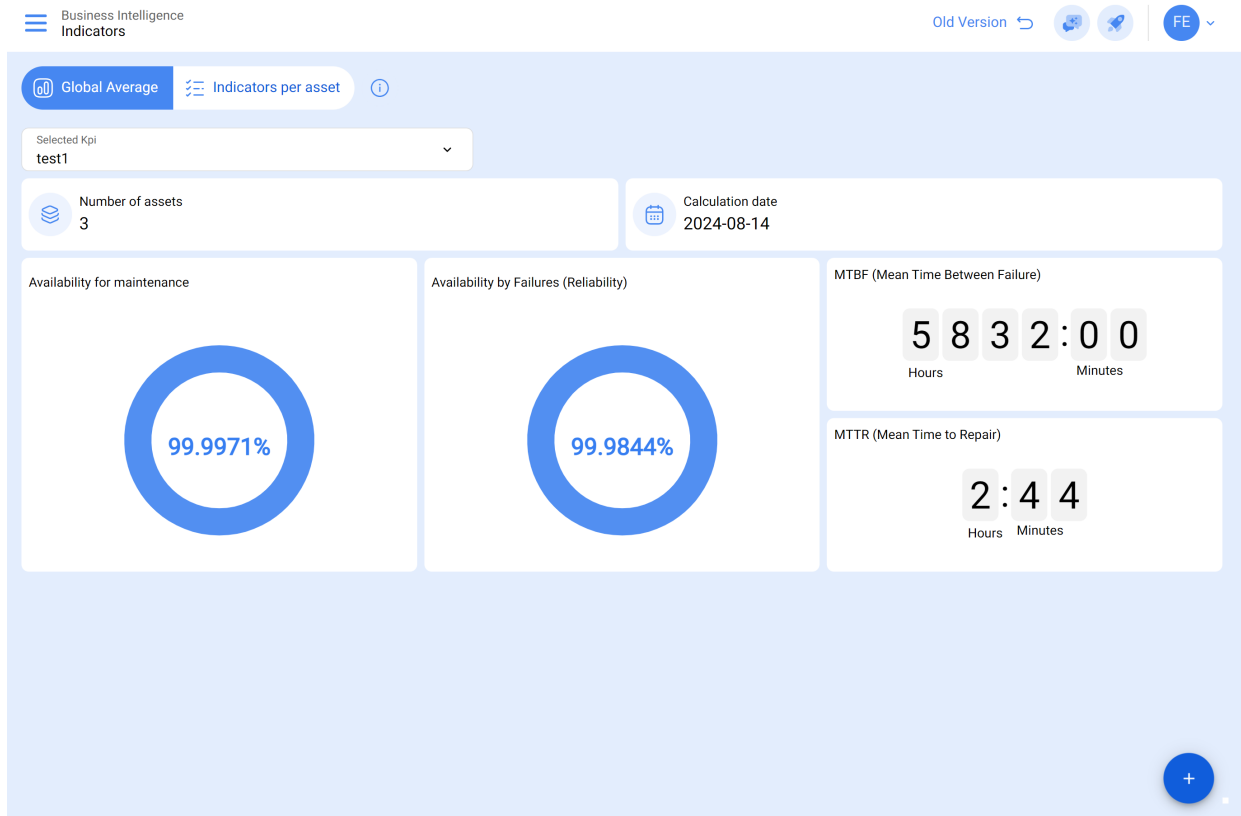
4. Click on "Calculate".

The screenshot shows the 'Business Intelligence Indicators' dashboard on the left and the 'Add KPI' form on the right. The dashboard displays 'Global Average' for 'test1' with 3 assets, showing 99.9971% for 'Availability for maintenance' and 99.9844% for 'Availability by Failures (Reliability)'. The 'Add KPI' form includes fields for Description (RKP), Start date (2024-08-14 13:15), End Date (2024-08-14 13:15), Location, Asset Type (Equipment), Code, Description, Priority, Type, and Group 1. A red box highlights the 'Calculate' button at the bottom right of the form.

5. To select the analysis based on the assigned dates and data, click on the star next to the name until it turns blue, as shown in the image.

The screenshot shows the 'Business Intelligence Indicators' dashboard on the left and the 'Calculated KPIs' list on the right. The dashboard displays 'Global Average' for 'INDICADORES FERMOS' with 1114 assets, showing 99.9903% for 'Availability for maintenance' and 99.8960% for 'Availability by Failures (Reliability)'. The 'Calculated KPIs' list includes four entries: 'INDICADORES FERMOS' (Status: Performed, Date range: 2024-07-01 07:00:00 - 2024-08-06 20:01:16, Number of Ass.: 1114, Filters: Yes), 'KPI JULIO' (Status: Performed, Date range: 2024-06-30 23:00:00 - 2024-07-31 22:59:00, Number of Ass.: 4550, Filters: Yes), 'RFP' (Status: Performed, Date range: 2024-08-13 15:24:59 - 2024-08-13 15:24:59, Number of Ass.: 49, Filters: Yes), and 'test1' (Status: Performed, Date range: 2024-01-01 10:00:00 - 2024-08-31 11:00:00, Number of Ass.: 3, Filters: Yes). A red box highlights the blue star icon next to 'INDICADORES FERMOS'. A '+ ' button is visible at the bottom right of the list.

6. Once the information is loaded, you will be presented with the behavior of the indicators within the specified date range.



**Global average:** Commonly refers to the average calculation performed on the assets, taking into account that Fractal One 5.0 contemplates an average of a certain number of assets to extract the variables or data available.s.

**Advanced Information:** In this section, we provide our users with a detailed explanation per asset, where the following aspects are evaluated

Global Average		Advanced Information		From - Until 2024-01-27 / 2024-02-27					
		1	2	3	4	5	6	7	8
	Item	Availability for mainte...	Availability by Fail...	MTBF	MTTR	Failures Qu...	Total Hours...	Downtime ...	Downtime ...
<input type="checkbox"/>	HORNO	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
<input type="checkbox"/>	Chave de fenda { ...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
<input type="checkbox"/>	Cinzel Ryobi 202...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
<input type="checkbox"/>	Cinta métrica Sn...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
<input type="checkbox"/>	COMPARADOR D...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
<input type="checkbox"/>	Compresor Hurac...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
<input type="checkbox"/>	CONTADOR DE P...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
<input type="checkbox"/>	ALICATE DE PUN...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
<input type="checkbox"/>	HI	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
<input type="checkbox"/>	AB	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
<input type="checkbox"/>	OFICINA 2	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
<input type="checkbox"/>	MEDIDOR DE EN...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00

- 1. Maintenance availability:** Maintenance availability refers to the time during which an asset is operational and available for use, excluding time spent on planned maintenance activities. In other words, it represents the fraction of time during which the asset is operational and not scheduled for maintenance. la que el activo está en funcionamiento y no está programado para mantenimiento.
- 2. Availability due to failure (reliability):** Availability per failure, also known as reliability, indicates the ability of an asset to operate without interruption due to failures. It represents the percentage of time the asset is operational without experiencing problems or breakdowns.
- 3. MTBF (Mean Time Between Failures):** MTBF is the abbreviation of Mean Time Between Failures. It is a measure of reliability that represents the average time between failures of an asset, indicating the expected reliability.
- 4. MTTR (Mean Time To Repair):** MTTR is the abbreviation for Mean Time To Repair. It represents the average time required to repair an asset after it has experienced a failure.
- 5. Number of failures:** Refers to the total number of failures an asset has experienced in a specific period.

6. **Total hours:** This information serves as a basis for evaluating the performance of assets over a specific period.

7. **Total hours due to breakdowns:** Indicates the total number of hours in which assets are out of service due to breakdowns and corrective interventions.

8. **Maintenance downtime hours:** Indicates the total number of hours in which assets are out of service due to planned maintenance activities.

**Note:** These indicators are evaluated under the date range selected at the top right of the interface.

The screenshot shows a dashboard with a table of asset performance metrics. The date range '2024-01-27 / 2024-02-27' is highlighted in a red box. The table has the following columns: Item, Availability for maintenance, Availability by Failure, MTBF, MTTR, Failures Quantity, Total Hours, Downtime, and Downtime. The data shows 12 assets, all with 100,000% availability and 0 failures.

Item	Availability for maintenance	Availability by Failure	MTBF	MTTR	Failures Qu...	Total Hours...	Downtime ...	Downtime ...
HORNO	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
Chave de fenda { ...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
Cinzel Ryobi 202...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
Cinta métrica Sn...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
COMPARADOR D...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
Compresor Hurac...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
CONTADOR DE P...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
ALICATE DE PUN...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
HI	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
AB	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
OFICINA 2	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
MEDIDOR DE EN...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00

By clicking on each asset, users can access the specific formulas we have implemented to calculate the final results. This ensures that each formula is adjusted and customized according to the selected asset.

Business Intelligence Indicators

Global Average Advanced Information

Item	Availability for maintenance	Availability by Fail...	MTBF	MTTR
HORNO	100,000 %	100,000 %	---	---
Chave de fenda { ...	100,000 %	100,000 %	---	---
Cinzel Ryobi 202...	100,000 %	100,000 %	---	---
Cinta métrica Sn...	100,000 %	100,000 %	---	---
COMPARADOR D...	100,000 %	100,000 %	---	---
Compresor Hurac...	100,000 %	100,000 %	---	---
CONTADOR DE P...	100,000 %	100,000 %	---	---
ALICATE DE PUN...	100,000 %	100,000 %	---	---
HI	100,000 %	100,000 %	---	---
AB	100,000 %	100,000 %	---	---
OFICINA 2	100,000 %	100,000 %	---	---
MEDIDOR DE EN...	100,000 %	100,000 %	---	---

← CHAVE DE FENDA { FENDA }

Availability for maintenance

$$\frac{THP - \sum SHM}{THP} \times 100 = 100\%$$

**Abbreviations**

THP: Total hours in period = 768  
 ΣSHM: Summation Downtime hours for maintenance = 0

Availability For Breakdowns

$$Availability\ by\ Failures\ (Reliability) = \frac{THP - \sum SHB}{THP} \times 100 = 100\%$$

**Abbreviations**

THP: Total hours in period = 768  
 ΣSHB: Summation Downtime hours by breakdowns = 0

Meantime Between Failure

$$MTBF = \frac{THP}{FP} = \text{--- Hours}$$

**Abbreviations**

THP: Total hours in period = 768  
 FP: N° Faults in the Period = 0

Meantime To Repair

$$MTTR = \frac{SHB}{FP} = \text{--- Hours}$$

**Abbreviations**

SHB: Downtime hours by breakdowns = 0  
 FP: N° Faults in the Period = 0

We also provide an icon that redirects promptly to detailed information on each asset.

Business Intelligence Indicators

Global Average Advanced Information

From - Until  
2024-01-27 / 2024-02-27

Showing 50 of 6171

Item	Availability for maintenance	Availability by Fail...	MTBF	MTTR	Failures Qu...	Total Hours...	Downtime ...	Downtime ...
HORNO	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
Chave de fenda { ...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
Cinzel Ryobi 202...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
Cinta métrica Sn...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
COMPARADOR D...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
Compresor Hurac...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
CONTADOR DE P...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
ALICATE DE PUN...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
HI	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
AB	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
OFICINA 2	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
MEDIDOR DE EN...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00

You can specifically filter by location, location, asset type, code, cost center or custom form.

The screenshot displays a Business Intelligence dashboard with a table of asset data and a filter panel. The table has columns for Item, Availability for maintenance, Availability by Failure, MTBF, and MTRR. The filter panel on the right includes fields for Location, Asset Type, Code, Description, Cost center, and Custom Forms, along with 'Clear Filters' and 'Apply Filters' buttons.

Item	Availability for maintenance	Availability by Failure	MTBF	MTRR
HORNO	100,000 %	100,000 %	---	---
Chave de fenda { ...	100,000 %	100,000 %	---	---
Cinzel Ryobi 202...	100,000 %	100,000 %	---	---
Cinta métrica Sn...	100,000 %	100,000 %	---	---
COMPARADOR D...	100,000 %	100,000 %	---	---
Compresor Hurac...	100,000 %	100,000 %	---	---
CONTADOR DE P...	100,000 %	100,000 %	---	---
ALICATE DE PUN...	100,000 %	100,000 %	---	---
HI	100,000 %	100,000 %	---	---
AB	100,000 %	100,000 %	---	---
OFICINA 2	100,000 %	100,000 %	---	---
MEDIDOR DE EN...	100,000 %	100,000 %	---	---

**General formula display icon:** Here we provide our users with a detailed explanation of the various formulas we use to obtain the final results in a general way.



Global Average **Advanced Information**

From - Until  
2024-01-27 / 2024-02-27

Showing 50 of 6171

<input type="checkbox"/>	Item	Availability for mainte...	Availability by Fail...	MTBF	MTTR	Failures Qu...	Total Hours...	Downtime ...	Downtime ...
<input type="checkbox"/>	<input type="radio"/> HORNO	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
<input type="checkbox"/>	<input type="radio"/> Chave de fenda { ...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
<input type="checkbox"/>	<input type="radio"/> Cincel Ryobi 202...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
<input type="checkbox"/>	<input type="radio"/> Cinta métrica Sn...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
<input type="checkbox"/>	<input type="radio"/> COMPARADOR D...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
<input type="checkbox"/>	<input type="radio"/> Compresor Hurac...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
<input type="checkbox"/>	<input type="radio"/> CONTADOR DE P...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
<input type="checkbox"/>	<input type="radio"/> ALICATE DE PUN...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
<input type="checkbox"/>	<input type="radio"/> HI	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
<input type="checkbox"/>	<input type="radio"/> AB	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
<input type="checkbox"/>	<input type="radio"/> OFICINA 2	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
<input type="checkbox"/>	<input type="radio"/> MEDIDOR DE EN...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00

Global Average **Advanced Information**

← FORMULA

Availability for maintenance

$$Availability = \frac{THP - \sum SHM}{THP} \times 100$$

Abbreviations

THP: Total hours in period  
ΣSHM: Summation Downtime hours for maintenance

Availability For Breakdowns

$$AvailabilityByFailures(Reliability) = \frac{THP - \sum SHB}{THP} \times 100$$

Abbreviations

THP: Total hours in period  
ΣSHB: Summation Downtime hours by breakdowns

Meantime Between Failure

$$MTBF = \frac{THP}{FP}$$

Abbreviations

THP: Total hours in period  
FP: N° Faults in the Period

Meantime To Repair

$$MTTR = \frac{SHB}{FP}$$

Abbreviations

SHB: Downtime hours by breakdowns  
FP: N° Faults in the Period

<input type="checkbox"/>	Item	Availability for mainte...	Availability by Fail...	MTBF	MTTR
<input type="checkbox"/>	<input type="radio"/> HORNO	100,000 %	100,000 %	---	---
<input type="checkbox"/>	<input type="radio"/> Chave de fenda { ...	100,000 %	100,000 %	---	---
<input type="checkbox"/>	<input type="radio"/> Cincel Ryobi 202...	100,000 %	100,000 %	---	---
<input type="checkbox"/>	<input type="radio"/> Cinta métrica Sn...	100,000 %	100,000 %	---	---
<input type="checkbox"/>	<input type="radio"/> COMPARADOR D...	100,000 %	100,000 %	---	---
<input type="checkbox"/>	<input type="radio"/> Compresor Hurac...	100,000 %	100,000 %	---	---
<input type="checkbox"/>	<input type="radio"/> CONTADOR DE P...	100,000 %	100,000 %	---	---
<input type="checkbox"/>	<input type="radio"/> ALICATE DE PUN...	100,000 %	100,000 %	---	---
<input type="checkbox"/>	<input type="radio"/> HI	100,000 %	100,000 %	---	---
<input type="checkbox"/>	<input type="radio"/> AB	100,000 %	100,000 %	---	---
<input type="checkbox"/>	<input type="radio"/> OFICINA 2	100,000 %	100,000 %	---	---
<input type="checkbox"/>	<input type="radio"/> MEDIDOR DE EN...	100,000 %	100,000 %	---	---

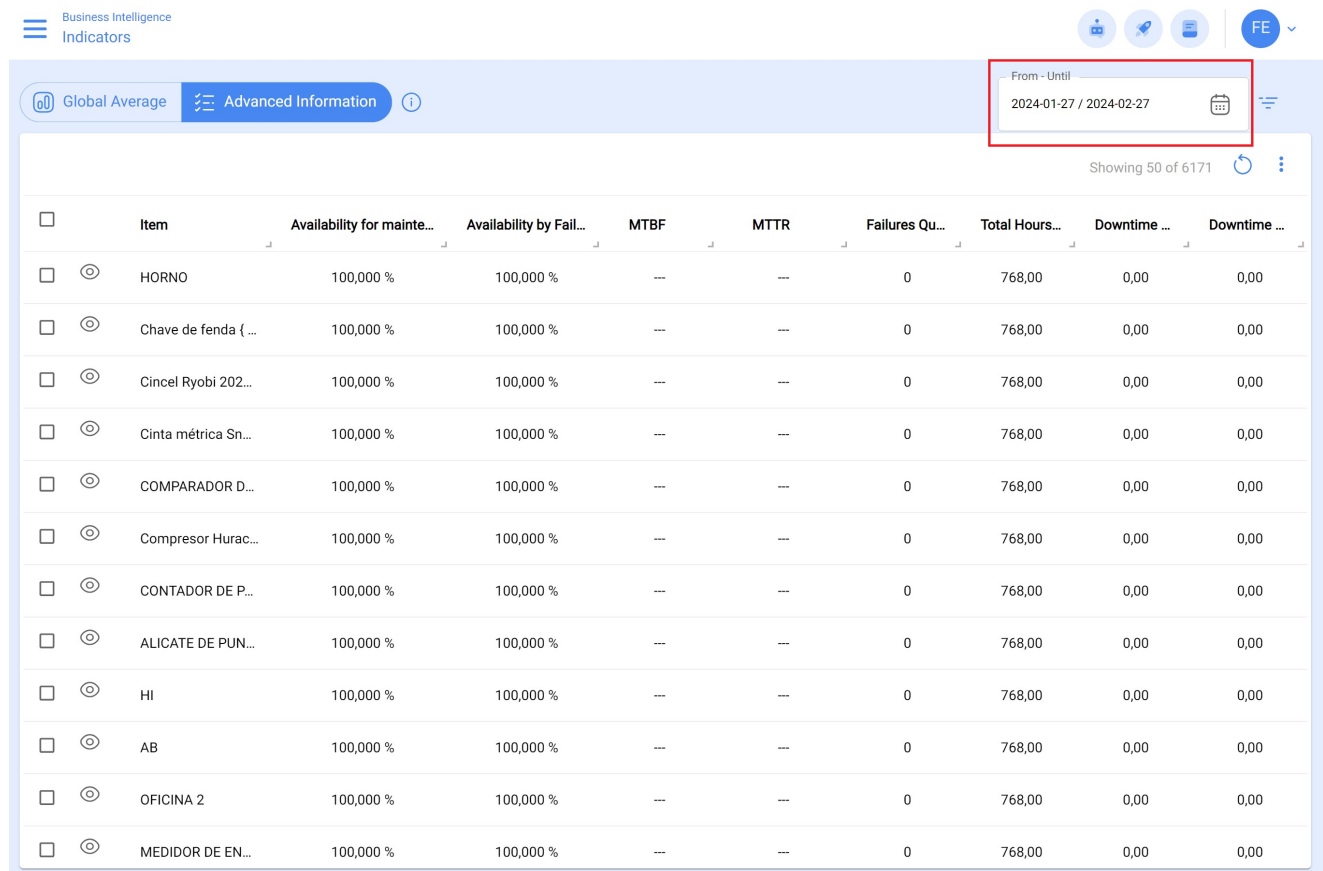
Let us understand the formulas in detail:

# 1.What are the total hours in the period (HTP):

It corresponds to the total hours evaluated in the period of time (this data comes out of the filter by date range) in which the indicator is being evaluated (Image A) by the number of hours of average daily use of the assets evaluated (Image B).

## Where do we find the above in Fractal One?

### Time period evaluated (Image A)

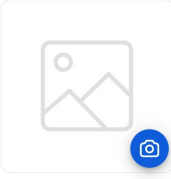


The screenshot shows a dashboard with a table of asset performance metrics. The table has columns for Item, Availability for maintenance, Availability by Failure, MTBF, MTTR, Failures Quantity, Total Hours, Downtime, and another Downtime column. The data shows 13 rows of assets, all with 100,000% availability and 0 failures. The total hours for each asset is 768,00, and the downtime is 0,00. A date range filter is highlighted in red, showing 'From - Until' as '2024-01-27 / 2024-02-27'.


Item	Availability for maintenance	Availability by Failure	MTBF	MTTR	Failures Qu...	Total Hours...	Downtime ...	Downtime ...
HORNO	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
Chave de fenda { ...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
Cinzel Ryobi 202...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
Cinta métrica Sn...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
COMPARADOR D...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
Compresor Hurac...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
CONTADOR DE P...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
ALICATE DE PUN...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
HI	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
AB	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
OFICINA 2	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00
MEDIDOR DE EN...	100,000 %	100,000 %	---	---	0	768,00	0,00	0,00

### Number of hours of average daily use of the asset (Image B)

Aire 3 Save



Out of Service: No  
Enabled



Is part of  
// Curso presencial Colombia 2023/ Fracttal/ Fracttal Colombia/ Fracttal Medellin/ Edifi 1/ Ofic (x) v

Nombre de equipo  
Aire 3

Code  
Aire-Ftll-Med-03

Fabricante  
Fracttal

Especificación  
Fracttal 3

Número de serial

POTENCIA

TIPO DE CONTRATO

Barcode

Priority  
Very High v

Type  
AC (x) v

Group 1  
Chiller (x) v

Group 2

Supplier

Purchase date

Hours of average daily use  
24:00

Visible to all

Planned Maintenance

Information  
You have pending changes to save!

Details

- General
- Custom Form
- Health Status Beta
- Financial
- Third Parties
- Spare Parts and Supplies

## Recommendations:

It is essential to avoid setting the "Average Daily Hours of Use" field to zero, as this setting could have a direct impact on the Total Hours in Period (TTH) and, consequently, on the KPIs. Maintaining a non-zero value in this field is essential to ensure the integrity of the calculations and the accuracy of the associated indicators.

## 2.What is the sum of maintenance downtime hours (HPM)?

Corresponds to the actual downtime of the asset that is recorded in the Planned TOs.

## Where do we find the above in Fracttal One?

To find the above information in Fracttal One, first go to the main menu and select the "Tasks" module and then "Work Orders" as shown below:



Start

Catalogs

Warehouses

Work Management

Planned Maintenance

Work Orders

Budgets

Monitoring

Dispatcher

Business Intelligence

Cloud Disk

Requests

Online help

Chat

Support

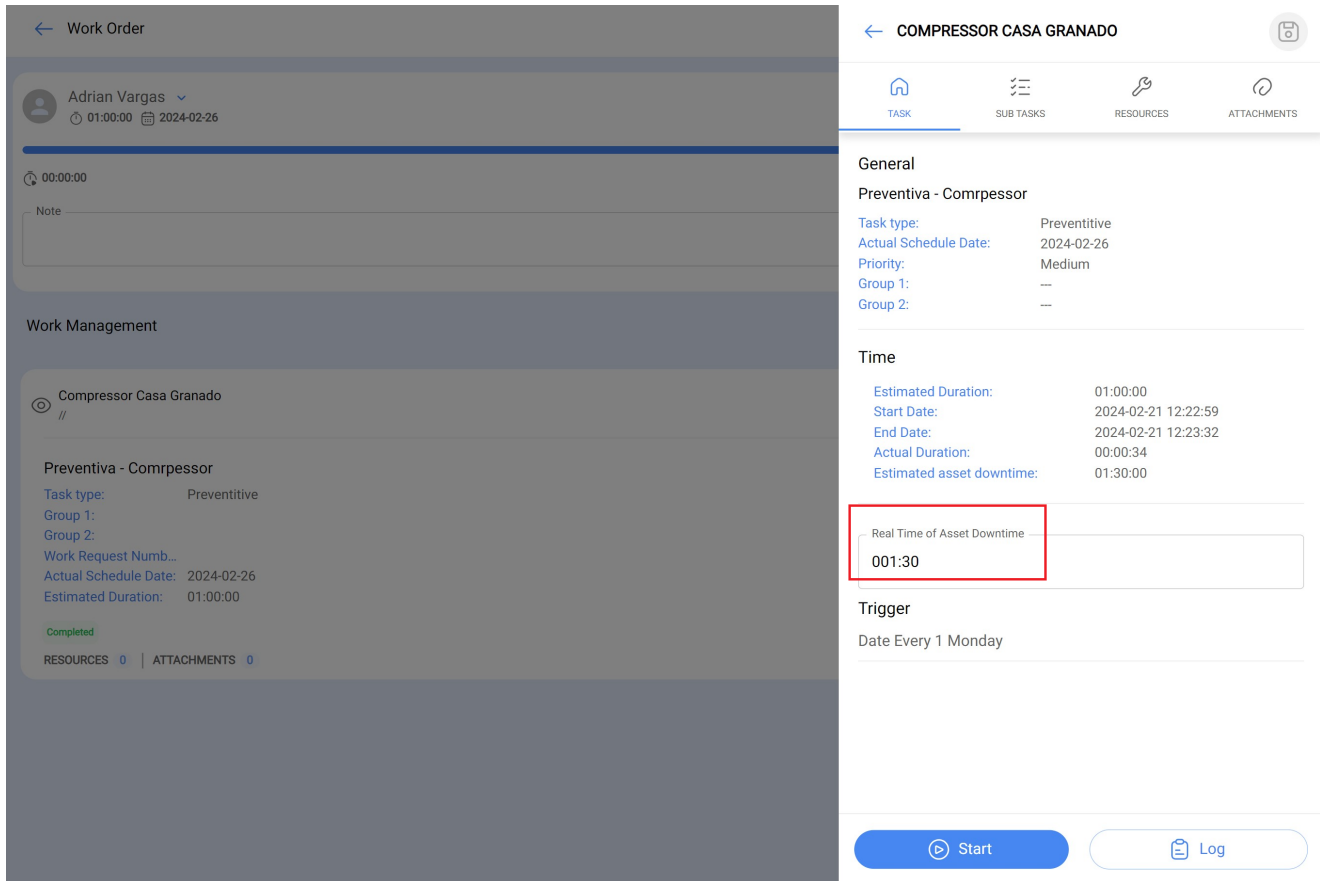
Then, filter by selecting the "Tasks" option and in the planning type box choose "Planned tasks", as shown in the following image:

The image shows a Kanban board for Work Management. The board is divided into two main columns: 'Pending Tasks' (0 items) and 'WOs in Process' (156 items). Three task cards are visible in the 'WOs in Process' column:

- OS-554-SC:** 1 Asset, 1 Task, = 1. Asset: MOTOR ELECTRICO. Duration: 00:10. Date: 2024-02-25. Assigned to: Adrian Vargas.
- OS-536-SC:** 1 Asset, 1 Task, = 1. Asset: AGREGADO 1. Duration: 00:00. Date: 2024-01-11. Assigned to: Adrian Vargas.
- OS-504-SC:** 1 Asset, 1 Task, = 1. Asset: FERMOS México ( FERMOS ). Duration: 00:10. Date: 2023-12-07. Assigned to: Adrian Vargas.

A filter overlay is shown on the right side of the screen. It includes a 'FILTER' header and a 'Planned Tasks?' section with three buttons: 'ALL', 'YES', and 'NO'. The 'YES' button is highlighted in blue. Other filter fields include 'Task with out of service', 'Completed', and 'Equipment downtime?'. The 'Apply Filters' button is also highlighted in blue.

Each task that we observe after applying the filter will contain a specific field, as shown in the image:



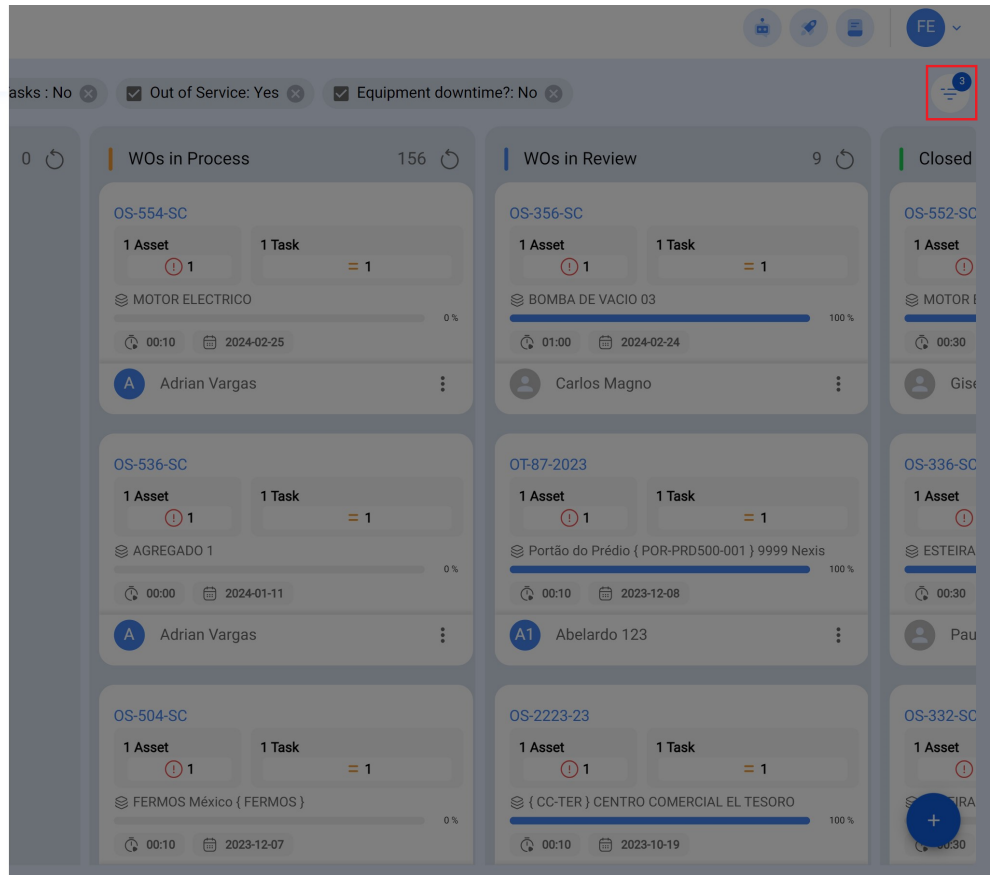
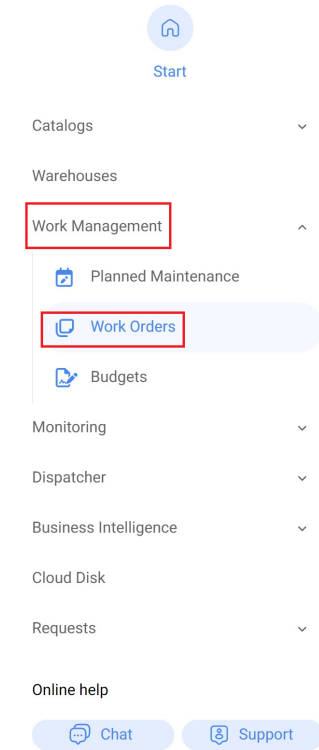
It is in this field where the downtime of the asset during each maintenance must be completed. This responsibility falls directly on the technician in charge of executing the planned task, and in turn, on the planner or supervisor, who must ensure that the information is properly recorded.

### 3.What is the Sum of downtime hours due to breakdown?

Corresponds to the out-of-service time recorded in the Unplanned tasks.

### Where do we find the above in Fractal One?

To find the above information in Fractal One, first go to the main menu and select the "Tasks" module and then "Work Orders" as shown below:

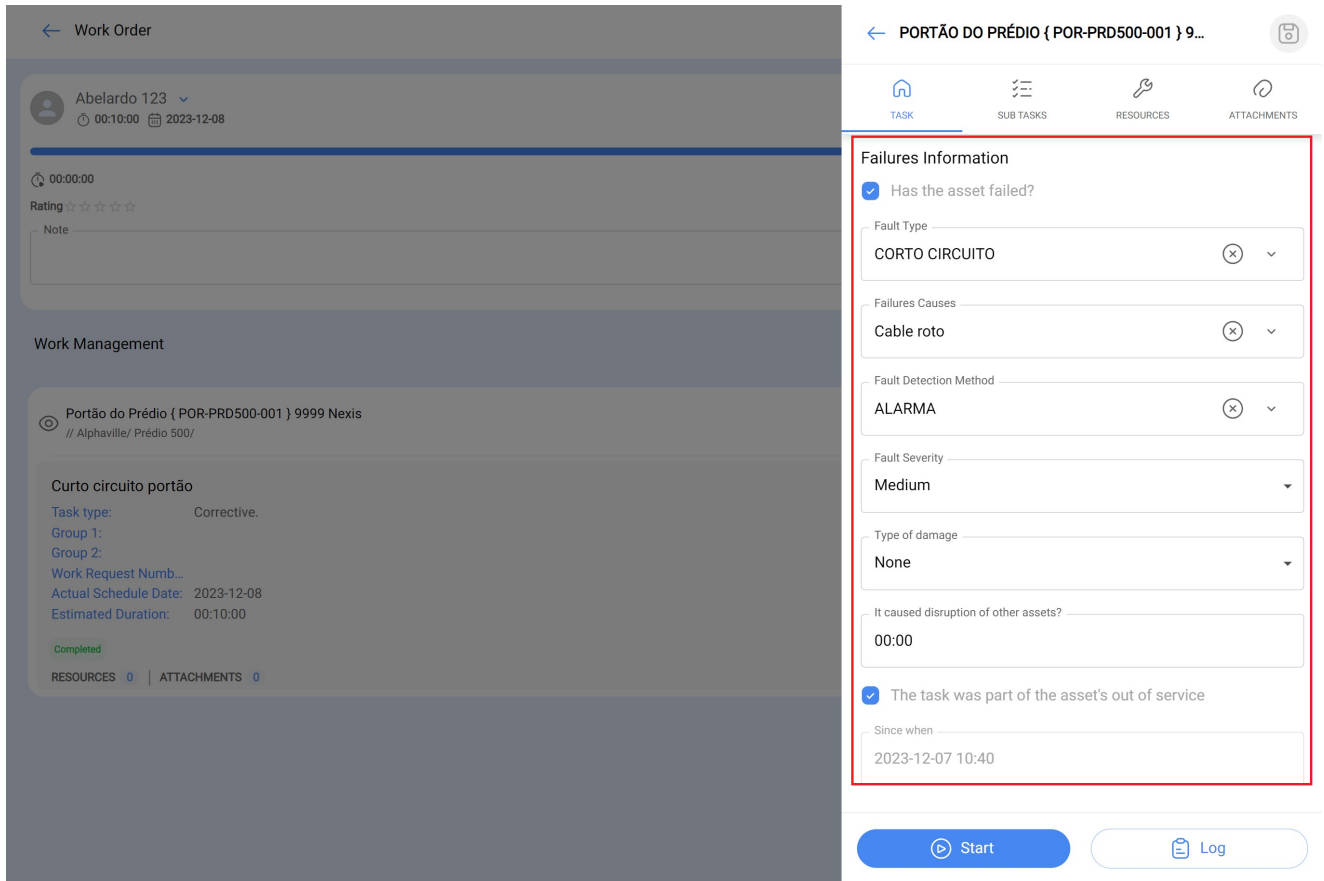


Then, make a filter by selecting the "Tasks" option and in the planning type box choose "NO" in "Planned tasks", and choose the "YES" option in "Task with out of order" as shown in the following image:

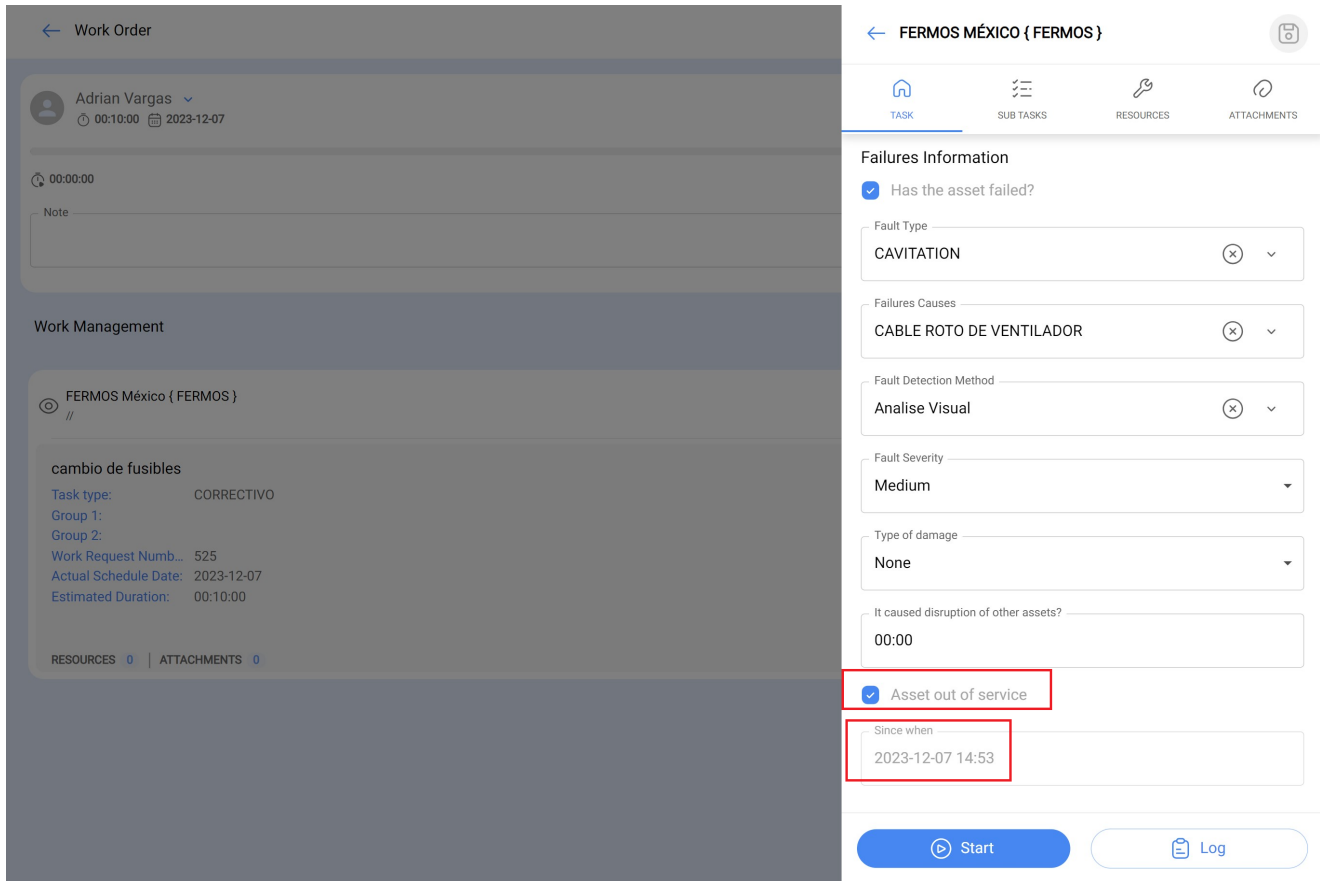
The image shows a 'Work Management' Kanban board with a 'FILTER' overlay. The board is divided into columns: 'Pending Tasks' (49 items), 'WOs in Process' (21 items), and a 'FILTER' panel. The filter panel includes a 'Description' field, a 'Planned Tasks?' section with radio buttons for ALL, YES, and NO, a 'Task with out of service' section with radio buttons for ALL, YES, and NO, a 'Completed' section with radio buttons for ALL, YES, and NO, and an 'Equipment downtime?' section with radio buttons for ALL, YES, and NO. Below these are fields for 'Work Request Number', 'Resource Type', and 'Spare Parts'. At the bottom of the filter panel are 'Remove filters' and 'Apply Filters' buttons.

Each task we identify after applying the filter will display specific fields, as shown in the image. It is essential to complete all these fields and, above all, to check the 'Failed active?' box.





If the equipment is out of service, it is necessary to check the box 'Active Out of Service' and then record the date and time when the equipment started to be out of service, as illustrated in the image.



These fields must be completed for each corrective maintenance. This responsibility falls directly on the technician in charge of executing the corrective task, and in turn, on the planner or supervisor, who must ensure that the information is properly recorded.

On the other hand, you should check in the configuration module, option Modules, specifically in the Work Orders section, that the option that indicates 'Set the out of service end date of the files with the task end date' is activated and appears in green, as shown in the image.

FRACTTAL - Activación

Save

Details

- General
- User Accounts
- Business Calendar
- Modules**
- Financial
- Auxiliary Catalogs
- Document Management
- Transactions Log
- Security
- API Connections
- Guest Portal
- Account

Type: Work Orders

OPTIONS AND PERMISSIONS	WORK ORDER ID	PRINTS
<b>Description</b>		
<input checked="" type="checkbox"/>		Allow adding attachments in finished WO's
<input type="checkbox"/>		Allow end / cancel WOs with pending material requisitions
<input checked="" type="checkbox"/>		Set the end date of out of service of the assets with the date of completion of the task (by default is the end date of the WO).
<input checked="" type="checkbox"/>		Allow assigned human resources to be responsible for the work order (Multi-responsible)
<input checked="" type="checkbox"/>		Allow editing of the real used qty with pending material requisitions
<input checked="" type="checkbox"/>		Allow technical profile users to visualize costs WO's
<input type="checkbox"/>		Allow to qualify the WO even though it is under review
<input type="checkbox"/>		Filter human resources according to the selected profile (Within a task)
<input checked="" type="checkbox"/>		Automatically generate link to share all WO