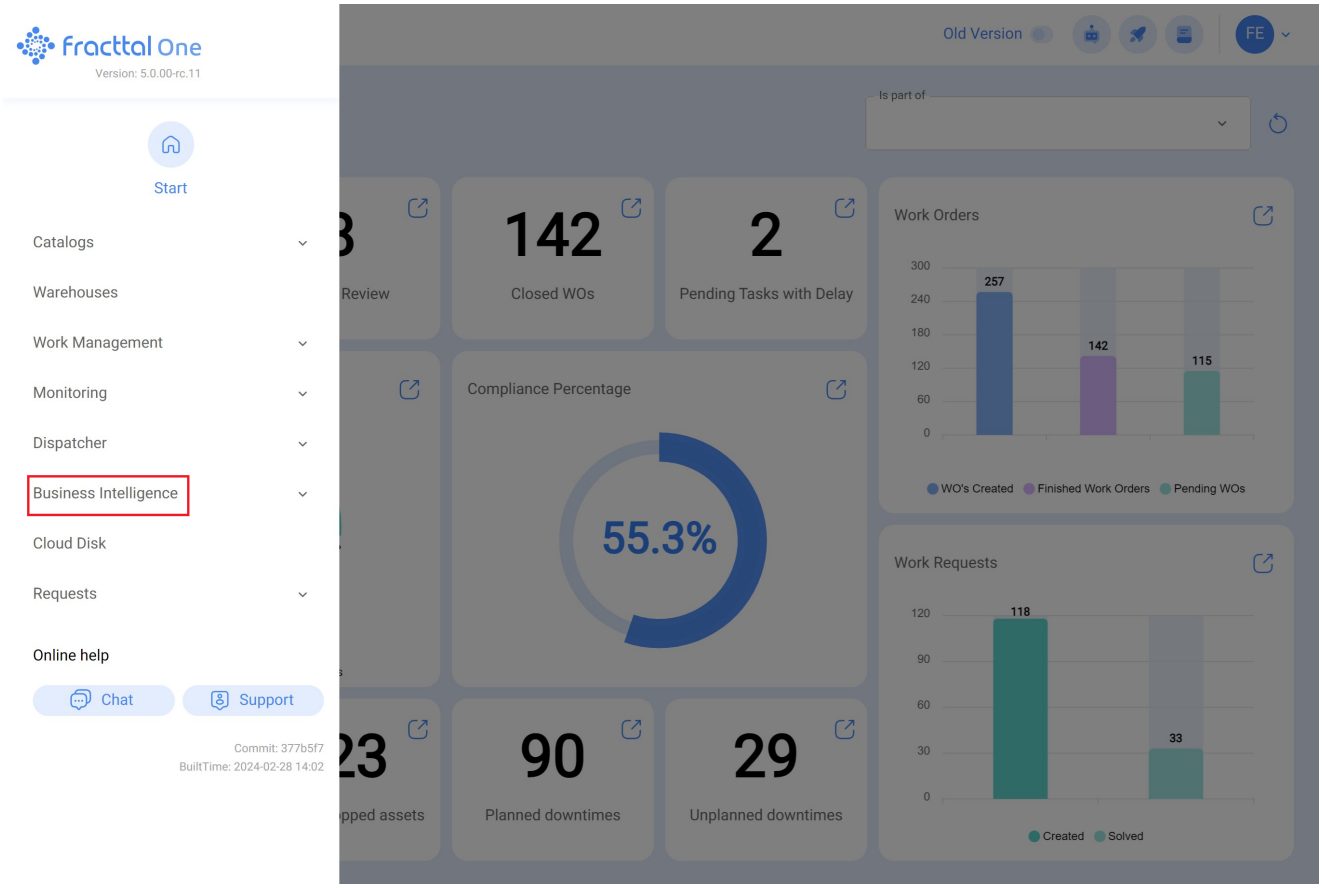
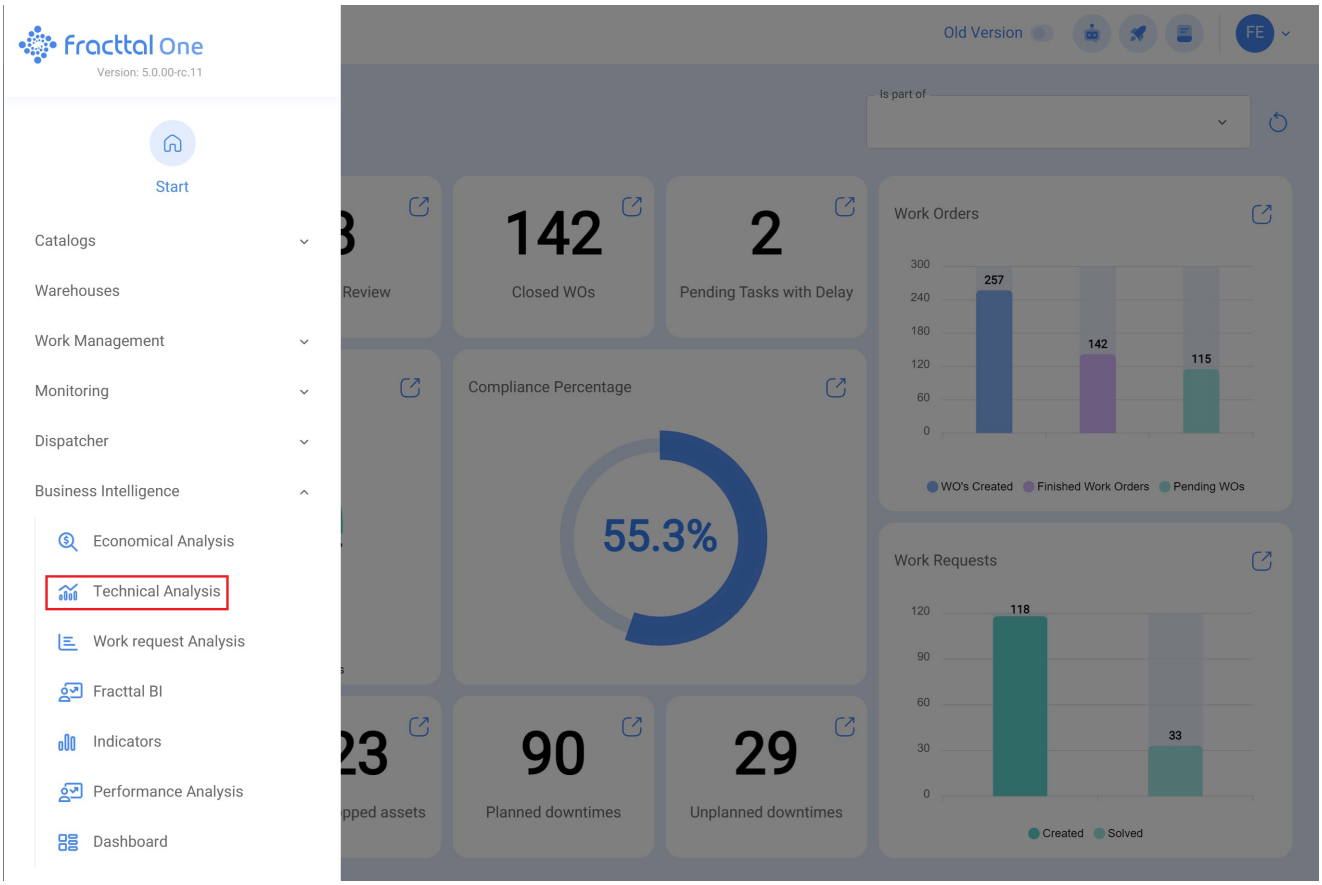
Technical Analysis module

help.fracttal.com/hc/en-us/articles/25022289024781-Technical-Analysis-module

To enter just go to the main menu and look for the "Business Intelligence" module.



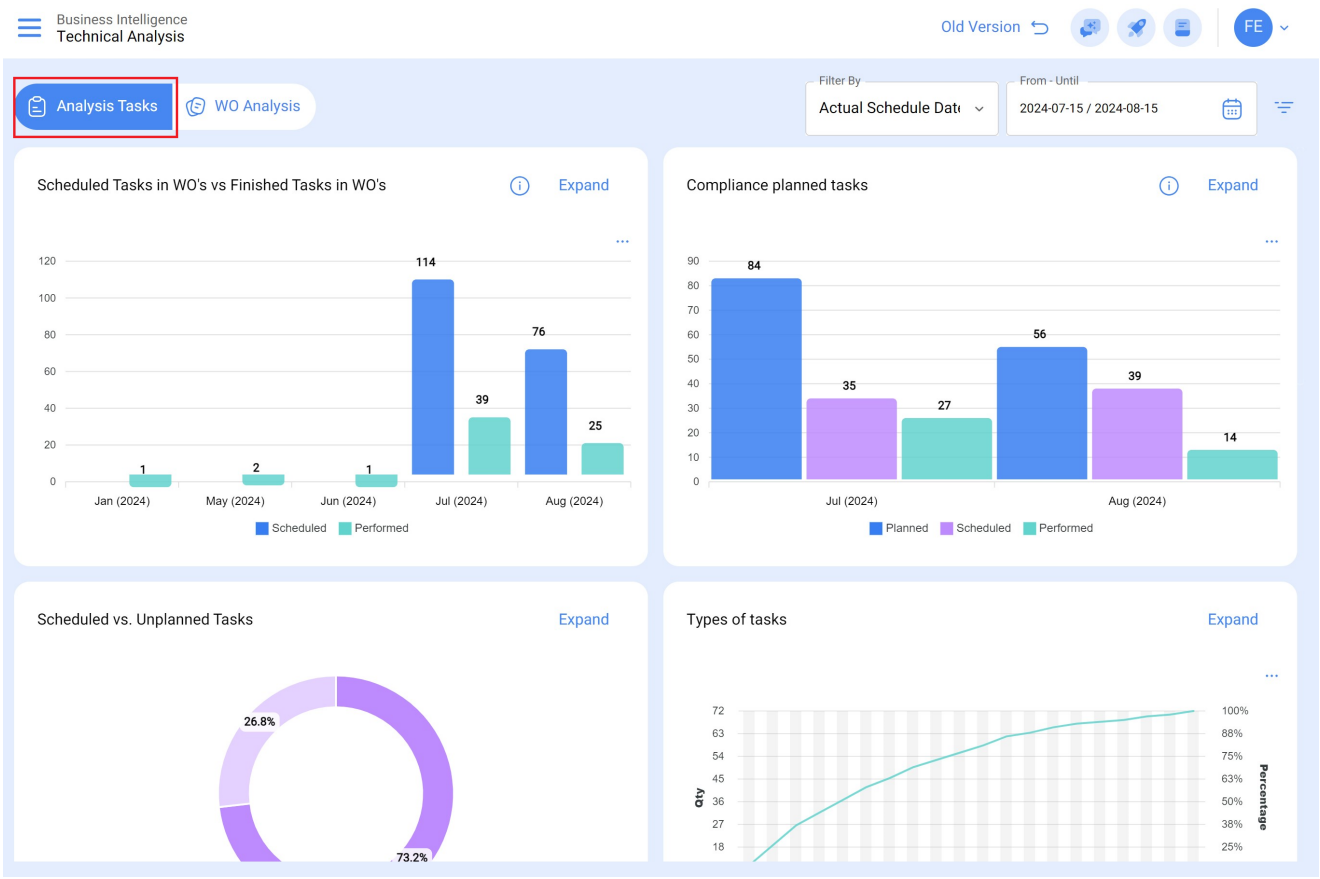
When clicked, all the associated sub-modules will be displayed and you must click again on "Technical Analysis" to finally display the window with the technical analysis section.



In this Module you will find several graphs that will allow you to analyze the fulfillment of tasks, TOs, among other options that we will explain according to the sub-module.

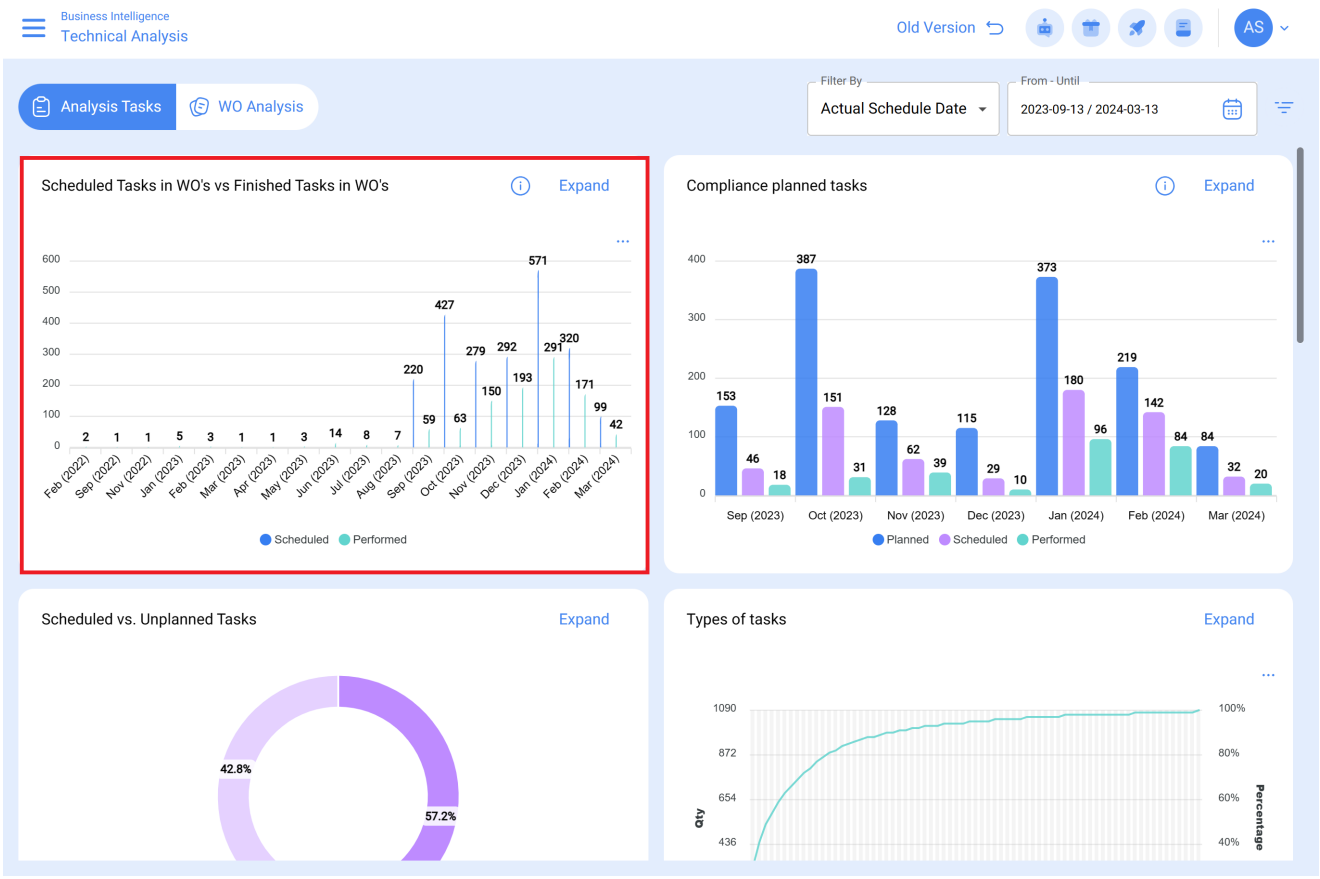
Analysis Task Submodule:

In this submodule, you will find several charts that allow for the analysis of compliance with scheduled and completed tasks, planned task compliance, planned vs. unplanned tasks, types of tasks, task rescheduling analysis, task pause analysis in OTS, among other options that we will explain below:



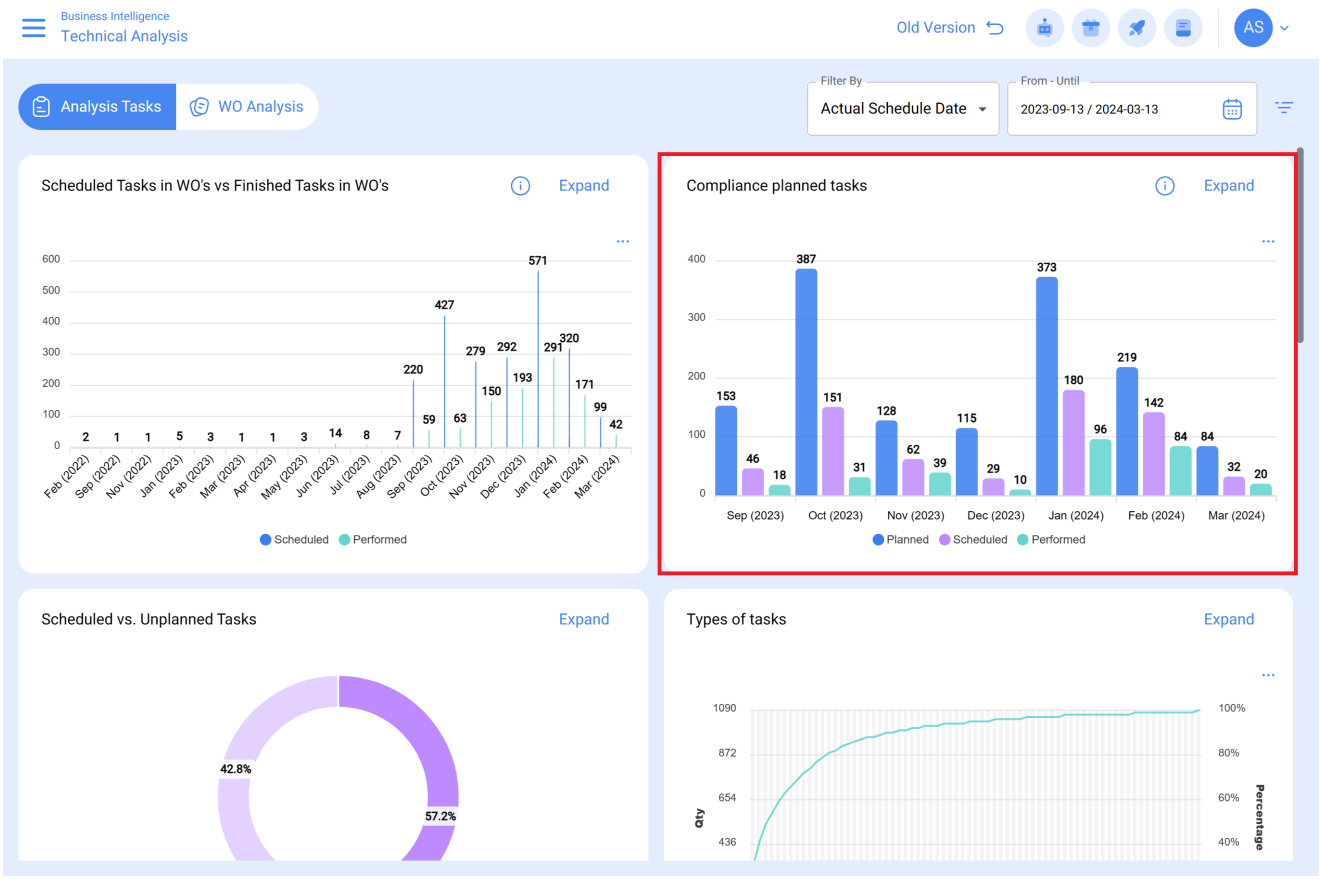
Scheduled Tasks in WOs vs Finnished Tasks in WOs

Bar chart, which allows you to quickly contrast the work orders that have been scheduled versus those that have been completed according to their date.



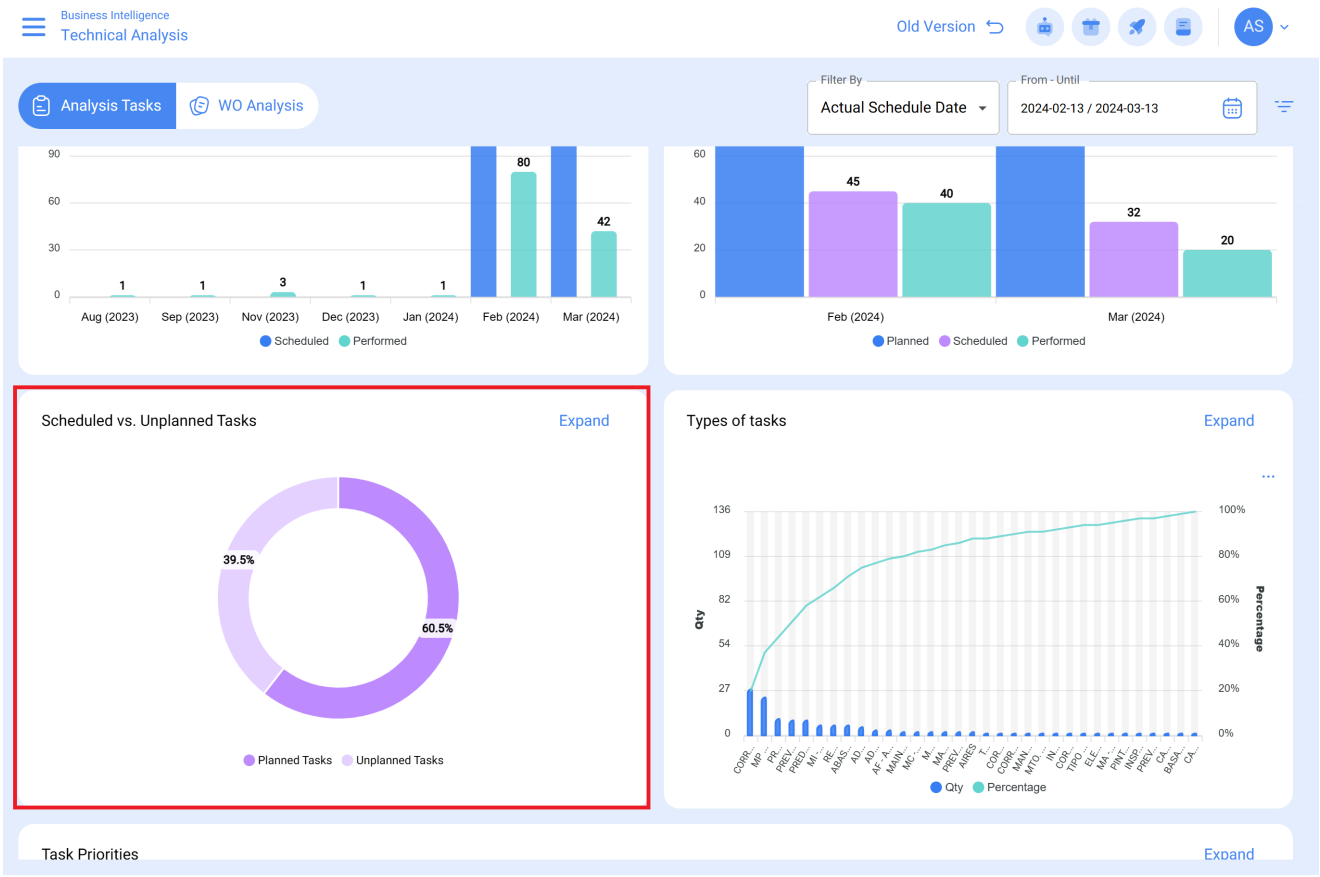
Compliance planned tasks

Bar-type graph, which allows you to quickly compare compliance month by month based on the tasks that have been planned, scheduled and completed, bearing in mind that these tasks are not cumulative (tasks are not extrapolated to subsequent months), since it is a chart of monthly task completion.



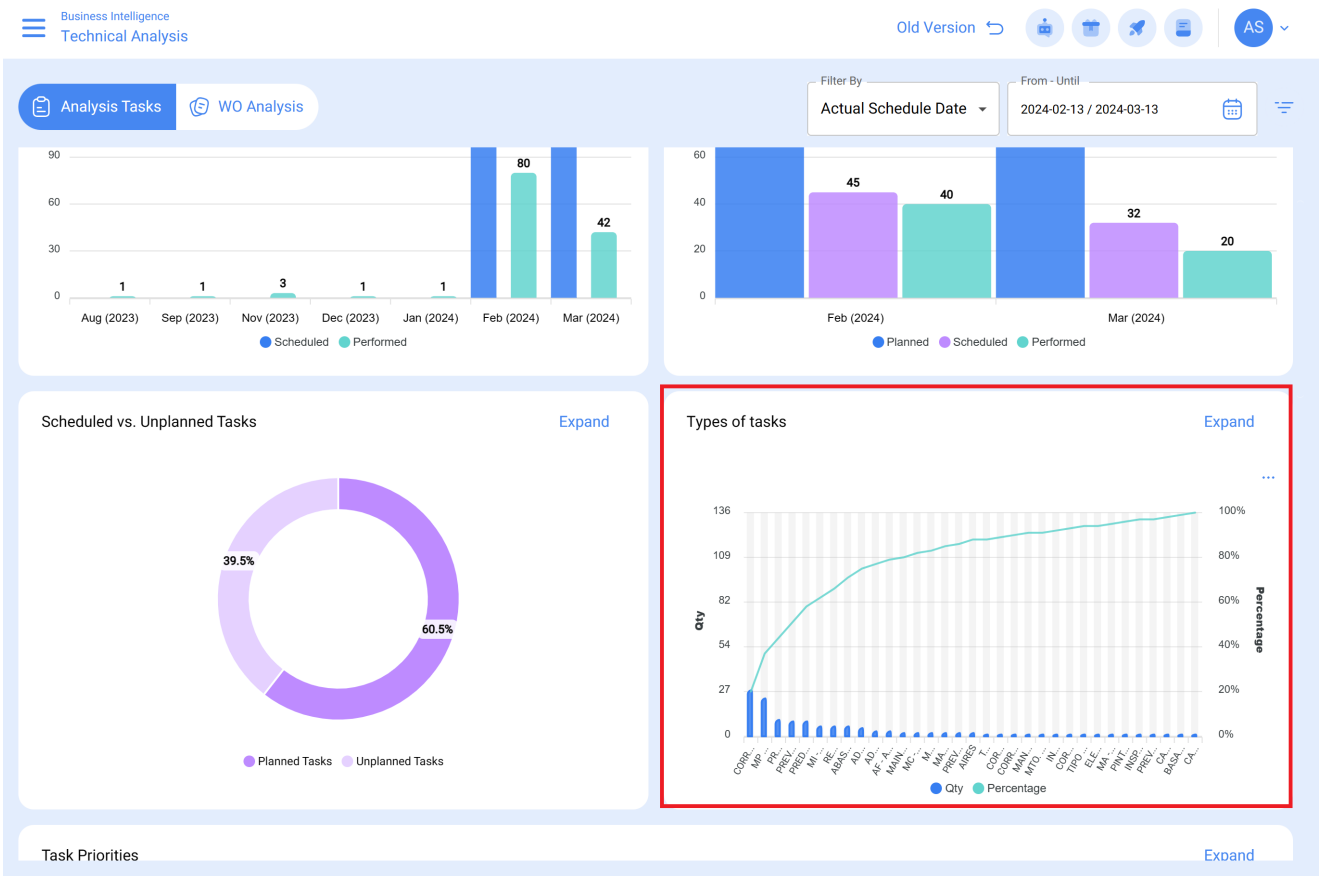
Scheduled vs. Unplanned Tasks

Pie chart where the number of scheduled versus unplanned tasks can be compared as a percentage.



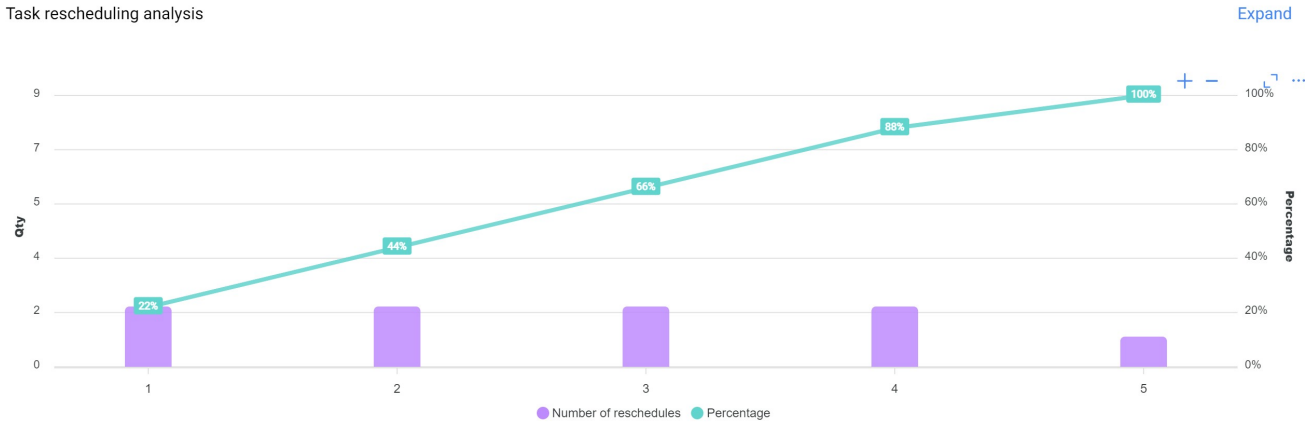
Types of Tasks

Pareto Diagram which allows to graphically classify the information in percentage and numerical form in order to highlight which are the types of tasks with the greatest impact on task management.



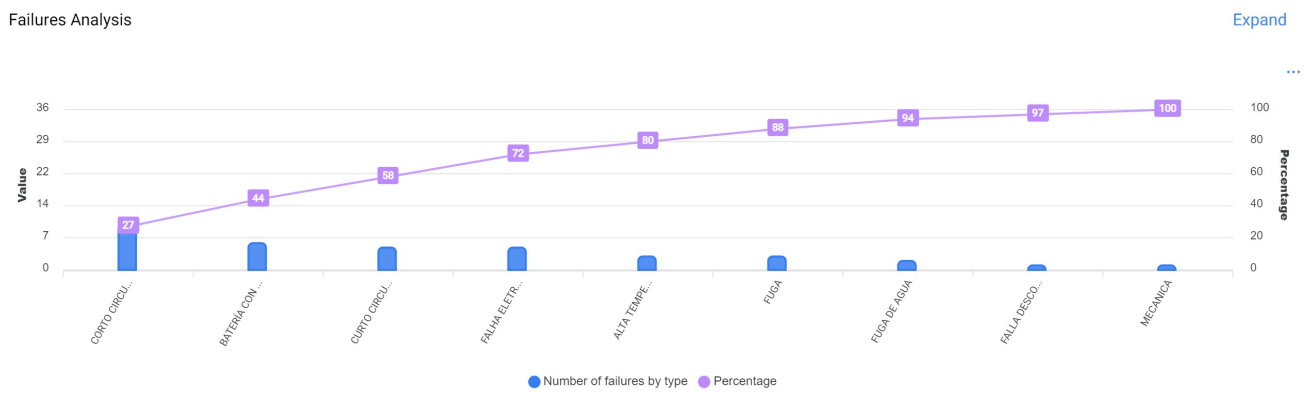
Task Rescheduling Analysis:

This analysis focuses on the most common reasons why a task is not performed. Each reason must be entered from the configuration module, option auxiliary catalogs. It is recommended to avoid using words that disperse the information.



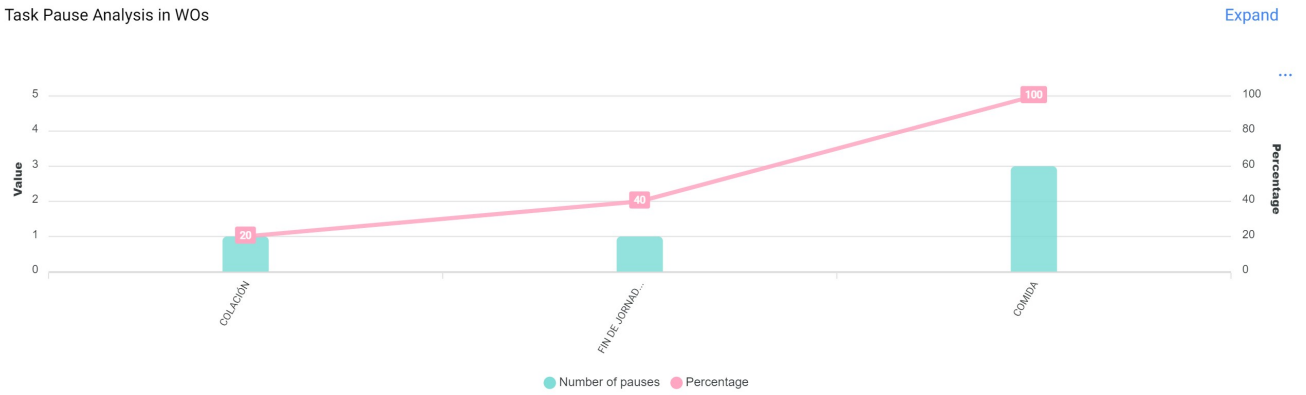
Failure Analysis:

The graph that analyzes the most common failures in the maintenance area is addressed. The faults should be added from the configuration module, auxiliary catalog option. It is essential to avoid repetitive or synonymous names to keep the information consistent.



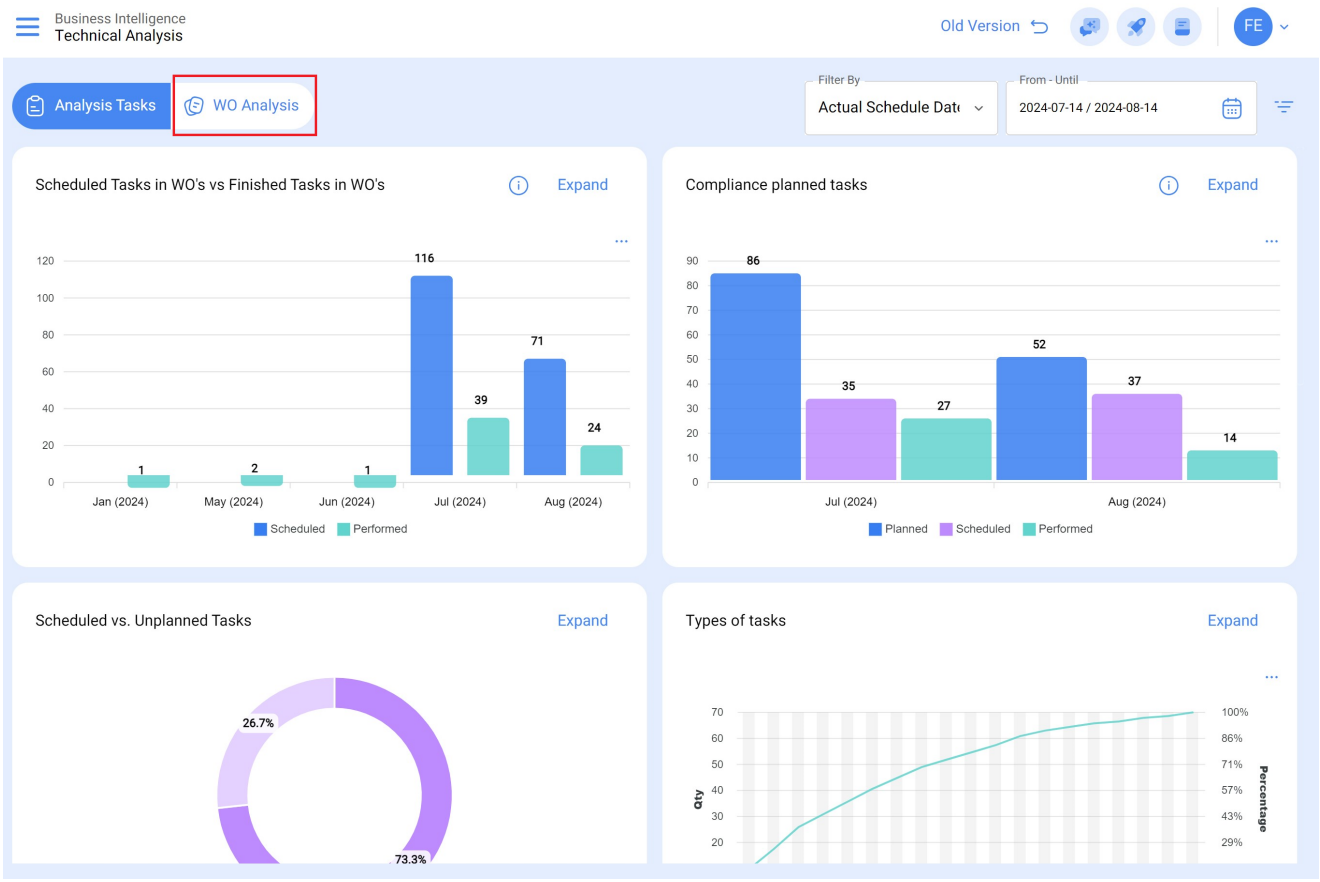
Task Pause Analysis WOs:

This analysis focuses on the most common breaks during maintenance. The breaks should be added from the configuration module, auxiliary catalog option. It is advisable to avoid repetitions and synonyms to keep the information consistent.



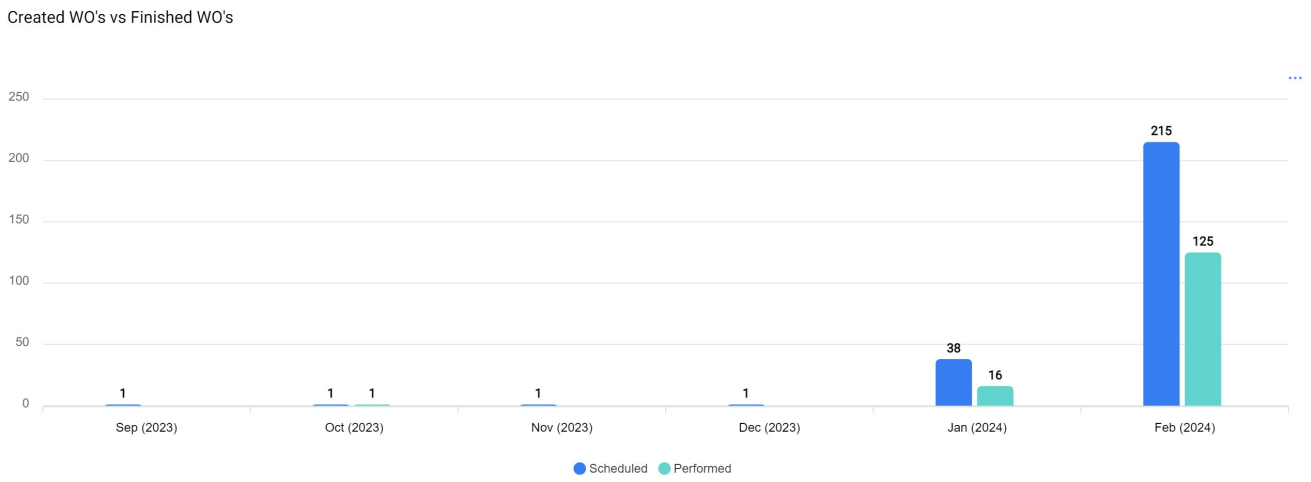
WO Analysis submodule:

In the work order analysis submodule, various representative charts are used that, through precise analysis, allow for assertive decision-making in the medium and long term. These charts include the comparison between scheduled tasks in OTS, tasks completed, tasks created, reasons for cancellation, etc. It is crucial that the initially consolidated information contains keywords, avoiding repetitions and variations in definitions to maintain accuracy.



Created WOs vs. Finished WOs:

Visually represents the number of work orders created and completed during a specific period.

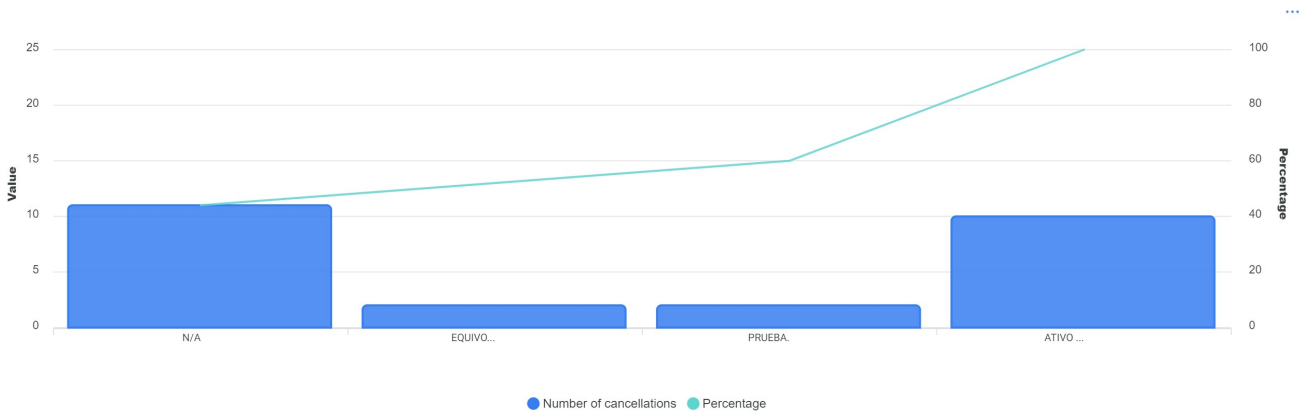


Reason for WO cancellation:

Displays the most common cancellation reasons. These reasons can be added from the configuration module, auxiliary catalogs option, avoid repetitions and synonyms when creating the reasons, as this may distort the information.

Reasons for WO cancellation

Expand



Rating WOs:

Shows the rating given to technicians or those directly responsible, reflecting the quality of the service. It is recommended to establish a rating culture in the area.

Rating WO's

Expand

Showing 50 of 282

OT-2074-23 - Gisele Priscila

OT-2194-23 - Adrian Vargas

OT-1012-23 - Gisele Priscila

OS-120 - Alexander Sanchez

Detailed WOs Information:

It presents a history of work orders, including data such as equipment stoppage, stoppage time, creator responsible, priority, classification note 1 and 2, activator, WOs qualification, request number, cancellation reasons, human resources, services used, total hours and total cost.

Detailed WO's Information Expand

Showing 50 of 192

OS-577-SC - Task: Correctiva 2

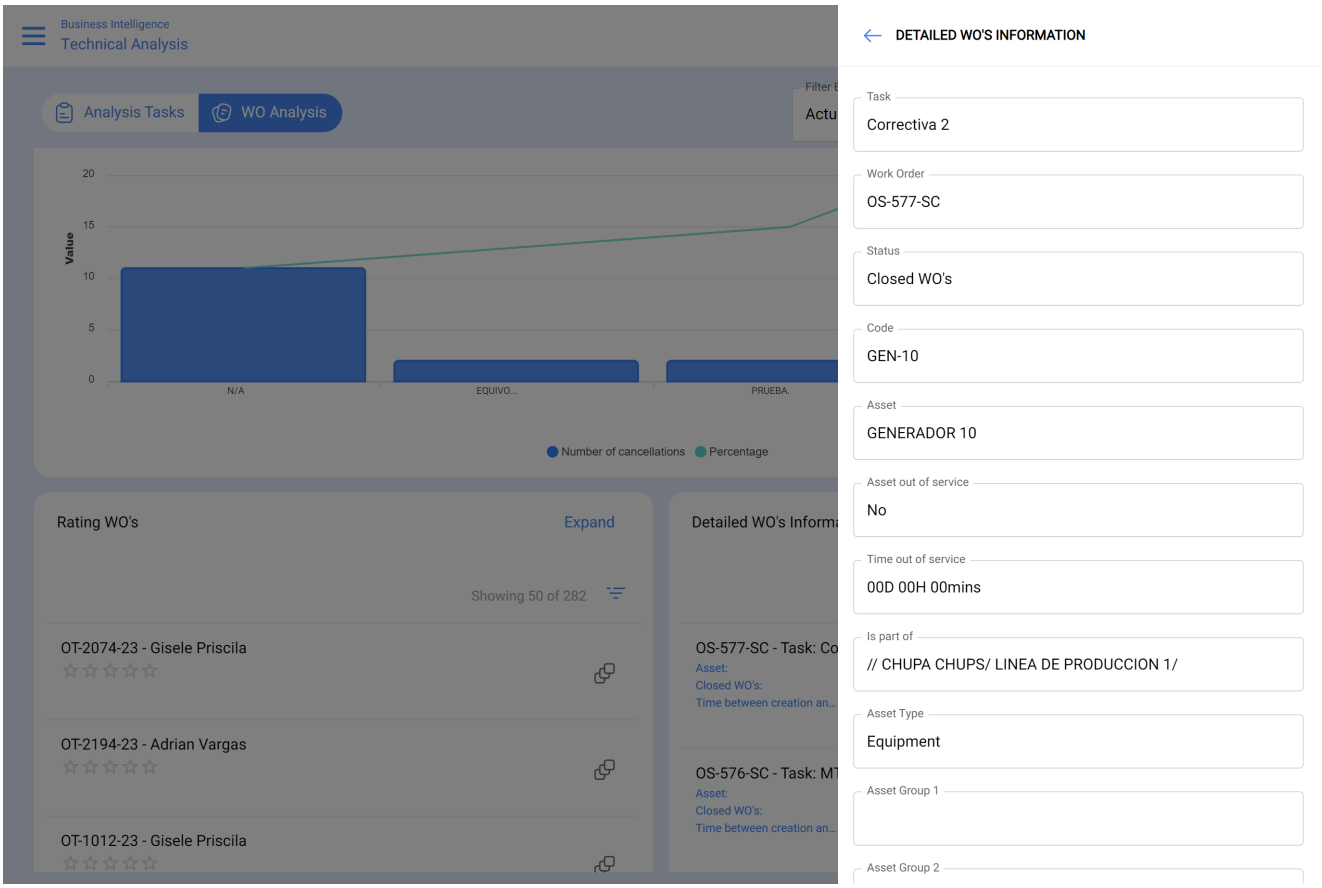
Asset:	GENERADOR 10
Closed WO's:	Yes
Time between creation an...	02mins

OS-576-SC - Task: MTTO Correctivo

Asset:	GENERADOR 10
Closed WO's:	No
Time between creation an...	02mins

OS-575-SC - Task: Limpieza del generador 10

Asset:	GENERADOR 10
Closed WO's:	No



From the technical analysis and tasks module, information can be grouped in charts according to different parameters such as:

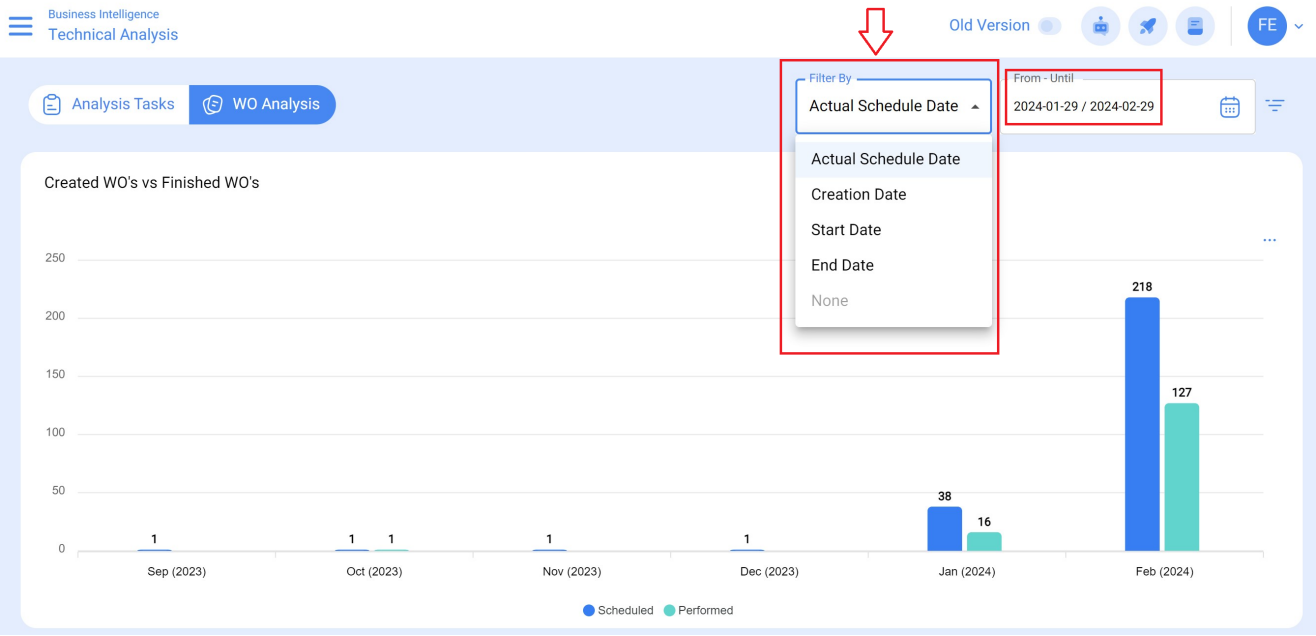
- **Actual Scheduled Date:**
  In the context of graphics, the "Scheduled Date" refers to the planned or projected time to carry out a specific task, activity or process. This date indicates the previously established schedule for executing a particular action over time.

- **Creation Date:**
  The "Creation Date" in charts refers to the instant at which an item, such as a work order, task or any other component, was initially generated or created. It is the time stamp that indicates the beginning of the existence of that element.

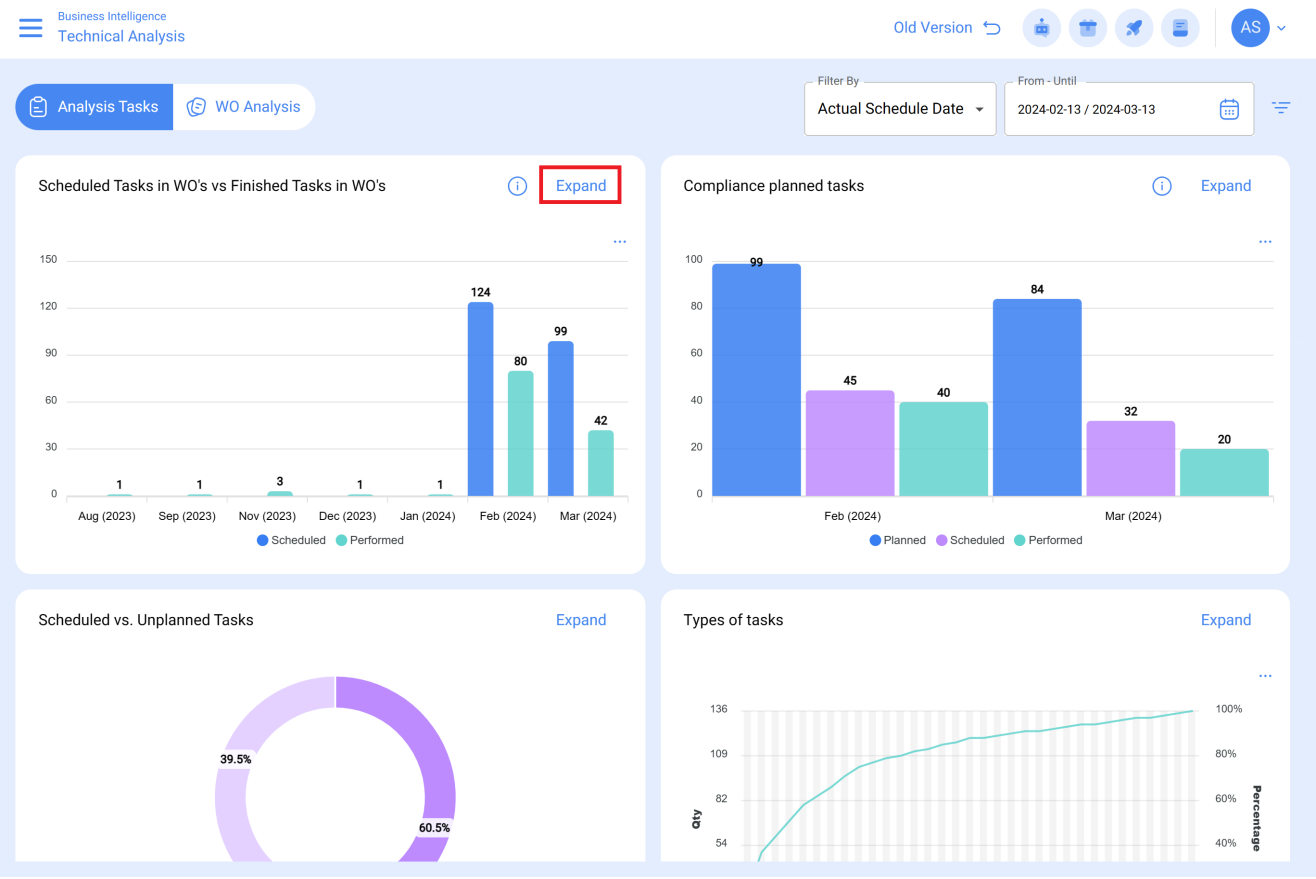
- **Start Date:**
  The "Start Date" in the graphical interface indicates the beginning of a specific period. It can refer to the starting point of a task, a project or any other event. This date marks the beginning of the time interval being analyzed.

- **End Date:**
  The "End Date" in charts marks the end of a defined period. It indicates the end of a task, project or any event, marking the limit of the time interval under consideration in the analysis.

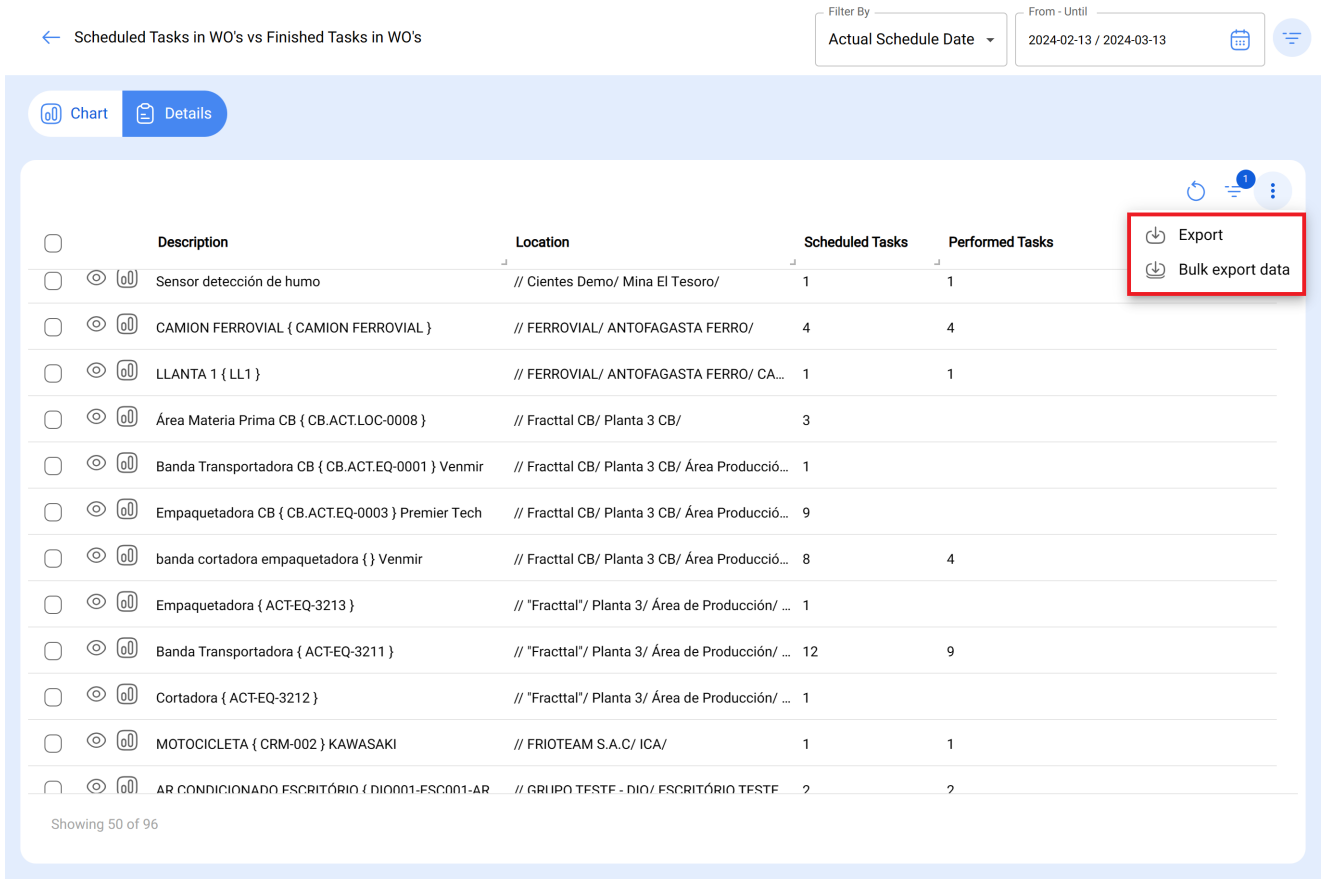
- **Select date of interest:**
  This option allows the user to choose a specific date that is relevant or of interest for further analysis. It allows customizing the temporal focus of the data visualization, facilitating the exploration and understanding of the information at a specific time.



Note: All these graphs can be analyzed in detail by clicking on "Expand", where the system will display a table with a detailed description of what is shown in the graphs.



In addition, all the information displayed in the module can be exported using the additional options menu that accompanies each graph and table.


Scheduled Tasks in WO's vs Finished Tasks in WO's
Filter By
Actual Schedule Date
From - Until
2024-02-13 / 2024-03-13
Chart
Details
1
Export
Bulk export data
Description
Location
Scheduled Tasks
Performed Tasks
Sensor detección de humo // Cientes Demo/ Mina El Tesoro/ 1 1
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Área Materia Prima CB { CB.ACT.LOC-0008 } // Fracttal CB/ Planta 3 CB/ 3
Banda Transportadora CB { CB.ACT.EQ-0001 } Venmir // Fracttal CB/ Planta 3 CB/ Área Producció... 1
Empaquetadora CB { CB.ACT.EQ-0003 } Premier Tech // Fracttal CB/ Planta 3 CB/ Área Producció... 9
banda cortadora empaquetadora { } Venmir // Fracttal CB/ Planta 3 CB/ Área Producció... 8 4
Empaquetadora { ACT-EQ-3213 } // "Fracttal"/ Planta 3/ Área de Producción/ ... 1
Banda Transportadora { ACT-EQ-3211 } // "Fracttal"/ Planta 3/ Área de Producción/ ... 12 9
Cortadora { ACT-EQ-3212 } // "Fracttal"/ Planta 3/ Área de Producción/ ... 1
MOTOCICLETA { CRM-002 } KAWASAKI // FRIOTEAM S.A.C/ ICA/ 1 1
AR CONDICIONADO ESCRITÓRIO { DIO001-ESC001-AR // GRUPO TESTE - DIO/ ESCRITÓRIO TESTE 2 2
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