IP

INFIELD PORTAL - USER MANUAL

1.0

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1.0 INTRODUCTION

1.1 Scope of document

This document is aimed at Technip employees and selected external users using the Infield Portal application.

1.2 Description

What is Infield Portal application ? What is it its purpose ? How can it be useful ?
Infield Portal is an application allowing to users to view on web app the last analysis done and / or last forecasts retrieved from forecasters. It allows to automatise the analysis.

2.0 ACCESSES

2.1 Visitor

Any person who is external to Technip, in other words who is not a Technip employee must have the visitor access. This access allows to see the user manual, its profile page and only the projects having a link with this person.

2.2 General

Any Technip employee has per default a general access. He can his profile page, every projects, user manual page.

2.3 Offshore

This access allows to users to have the same rights as general access but have also access to manage schedulers.

2.4 Lead

With this access, the users have the rights as above and they can manage projects, and others page in admin section (partial access). He can also manage users whose the access rights are between visitor and lead.

2.5 Administror

Same right as lead access but has a full access to admin section.

3.0 LOGIN

3.1 Internal users (Technip employees)

For login, Technip employees need only to enter their Windows credentials and select Technip Employees. The username can be the Windows username or Technip email address.

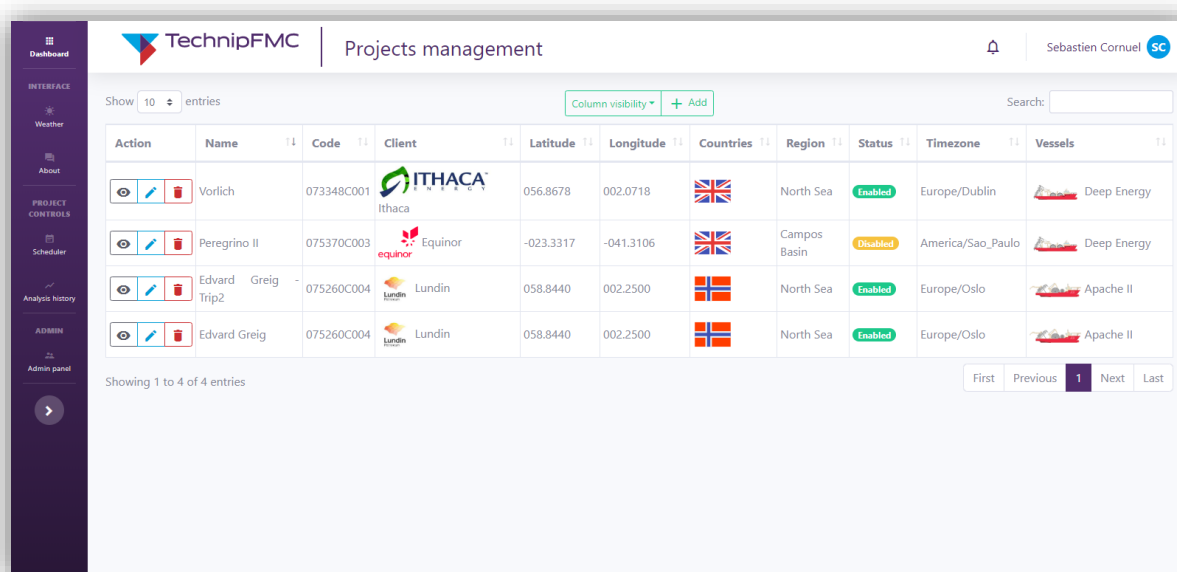## 3.2 External users (visitor, partner, customer, …)

For login, the external users must provide email address and the password attached to the account and select Partner.

4.0 PROJECTS MANAGEMENT

4.1 Description

This page that we can access it from admin panel page, allows to users with the required level access to add, edit or delete a project. A project on the application is as the project in the reality. It is a job to do for a client with one or many vessel(s) working in specific zone (field) and installing one or many product(s) (i.e. Rigid pipeline).

4.2 Add a project

For adding a project, you have to click on button "Add" that is above and after, a modal window will open. It is in this window that you must fill out all fields of the form.

Form fields description :

- Name : Project name (i.e. Vorlich)
- Code : Project code – Technip code, not client code (i.e. 073348C001)
- Client : Project client (i.e. Ithaca)
- Description : Project description
- Region : Project geographical area (i.e. North Sea)
- Latitude / Longitude : Project geographic coordinates – Must always be in decimal degrees (i.e. : 56.867756 / 2.071847)
- Country(ies) : The country(ies) that work(s) on the project (i.e. : UK). Sometime, a country can be missing in the list. For fix it, you need to add the country in the list via the countries management page in admin panel and refresh the projects page.

- Timezone : Project timezone. It is not the timezone of a country that works on the project but the timezone of the field.
- Disabled : Allows to disable a project if the project is older, expired or not ready to use.
- Vessel(s) : Vessel(s) working on the project. For each vessel, you need to select a product type (i.e. Rigid pipeline), enter a name for the product (i.e. 8" / 12" PIP) and select the person in charge of the project / or the person to contact. Sometime, a person can be missing in the users list. You need to ask this person to login to the application and refresh the page.

4.3 Edit a project

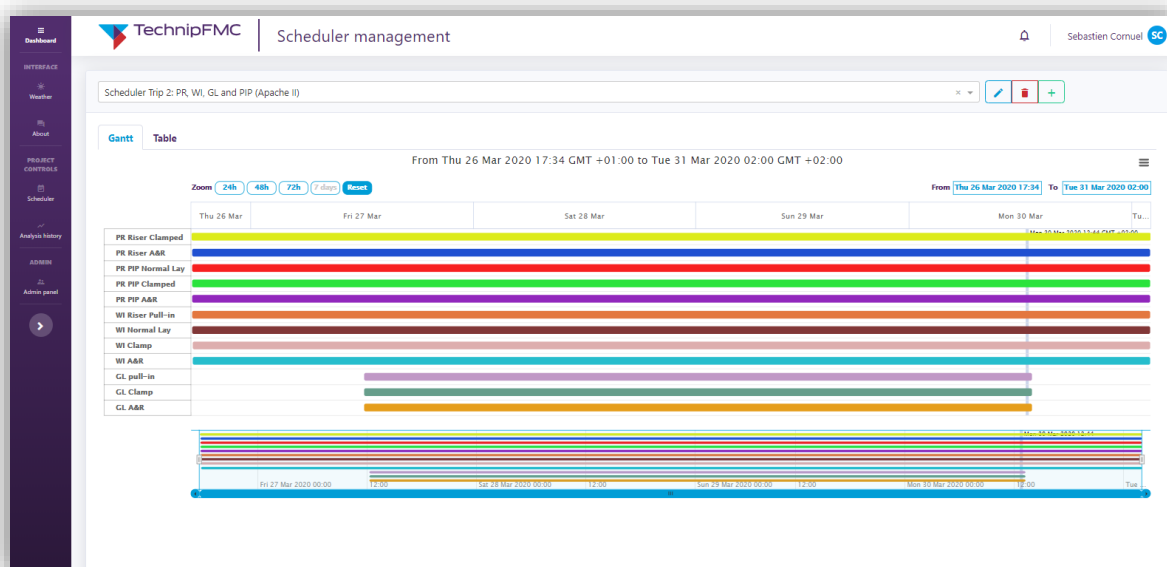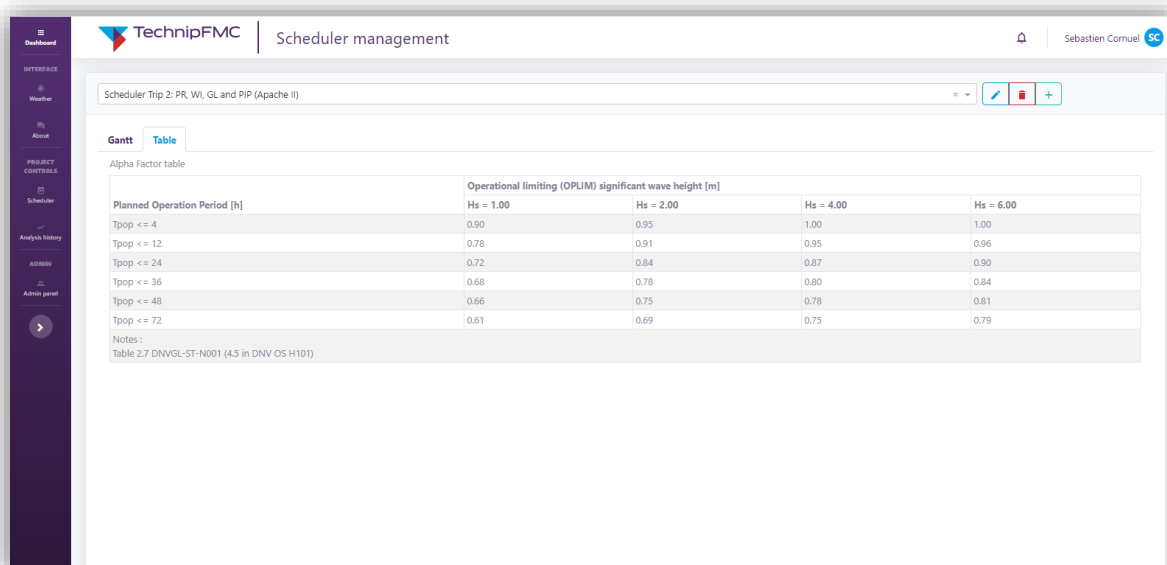It is the same than adding a project.

4.4 Delete a project

Sometime, a project must be deleted. Before delete a project, think about it.

5.0 SCHEDULERS MANAGEMENT

5.1 Description

A scheduler aims to run analysis or retrieve only forecast data for a project during a certain period (from xx to xx) at certain hours. Each dates and hours enter in scheduler must be in the project timezone. On schedulers page, there are two tabs : Gantt and Table.

"Gantt" table allows to display like a gantt chart the scheduler and the "Table" tab to display the alpha factor table of a project if the project must use the alha factor. Furthermore, it allows to select to activate a task (= phase), attribute a specified Tpop per task or activate the weathervaning mode. A scheduler is linked to project – vessel combination. A project – vessel combination can have many schedulers.
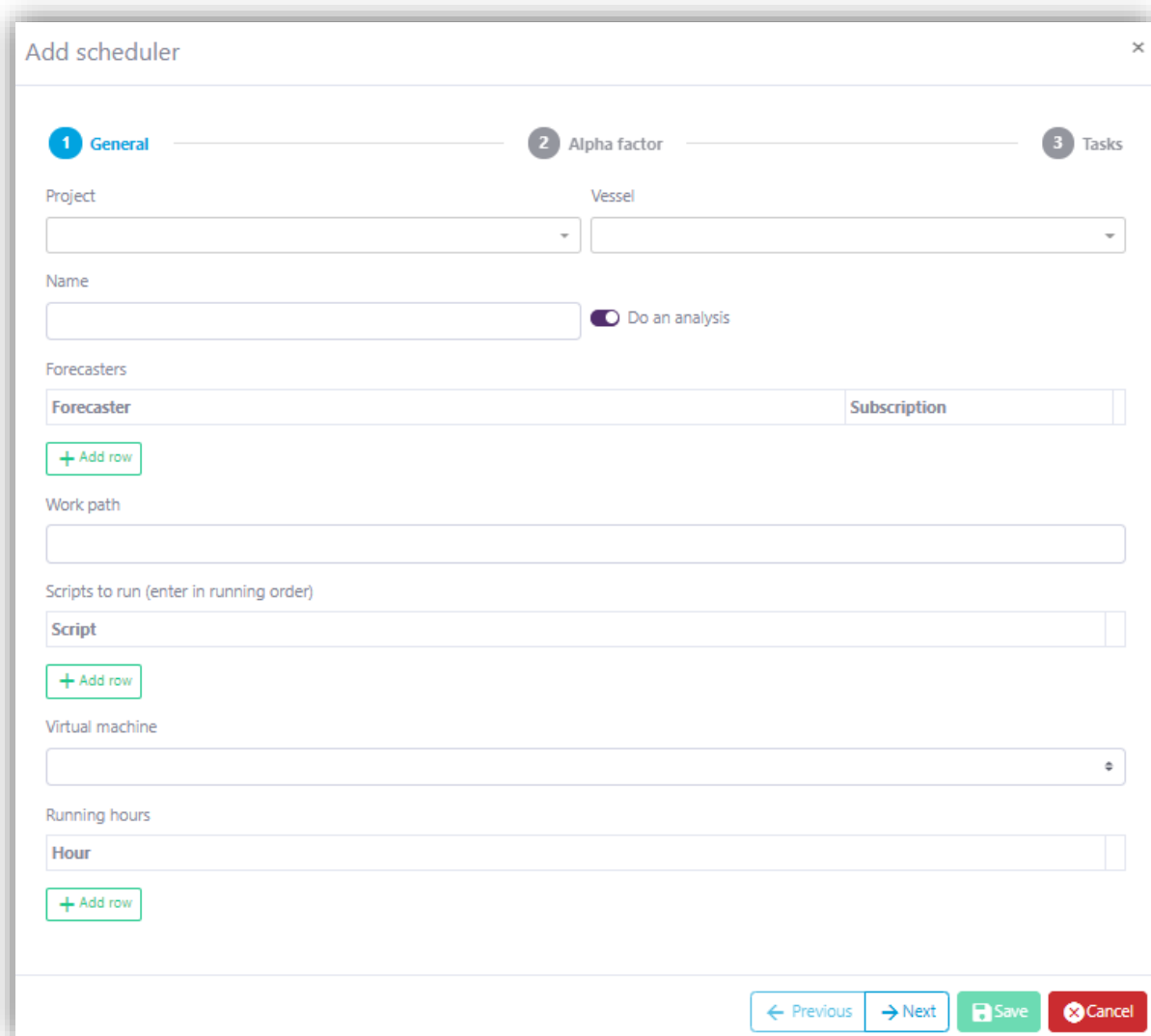
The "add" and "edit" forms are splitted in three parts : general, alpha factor and tasks.

5.2 Add a scheduler

All fields must be fill out.

Part "General" :

- Name : Scheduler name.
- Project : Project to link to scheduler.
- Vessel : Vessel to link to scheduler amongst the vessels attached to the project.
- Forecasters : Forecasters to use for the data retrieval (weather data) with for each forecaster the subscription ID that matches with field ID at forecaster.
- Work path : Path that indicates the location of running scripts. Mus be an absolute path, a network path in UNC form (i.e. \\\\gb001sv0204\\AnalyisData\\Pipelines) and not a mapped network path. A mapped network path is a path with a drive letter.

The drive letter is a shortcut to the root or a part of a path (i.e. Q:\\Pipelines). If we compare the two example, we can see "Q:" is a shortcut for "\\\\gb001sv0104\\AnalysisData".

- Scripts : 2 maximum. Scripts to run for analysis. Must be enter in running order.
- Hours : Scheduler ruuning hours.
- Do an analysis : Indicates if we retrieve data and do an analysis or to retrieve only data.

Part "Alpha factor" :

- Use alpha factor : Indicates if we use the alpha factor or not. If yes, the alpha factor table become editable. You can edit the table headers and notes.
  For each row, you need to choose a Tpop value and the comparator (<, >, =, …) and for each column, enter the Hs value. For each cell, you need to enter the alpha factor that matches with specified Hs and Tpop value. Hs values represent the interval bound for the interpolation.

Part "Tasks" :

For each task, you need to provide a name, a color, a start date, an end date, a Tpop period value, indicaticating if there is weathervaning to activate and if you the task must be run.

5.3   Edit a scheduler

It is the same than adding a scheduler.

5.4   Delete a scheduler

Sometime, a scheduler must be deleted. Before delete a scheduler, think about it.

6.0 OTHERS

Noted that the others (i.e. vessels management, products management, …) has the same features and process than the projects management page.