

ALISA

EURONEXT

GROWTH






**Intelligent Sensing
Anywhere**

Prognos

User Manual

Index

1	Introduction.....	1
2	Login	2
3	Initial dashboard	3
3.1	Category “Management”	5
3.2	Category “Logistics”.....	6
3.3	Category “Sales”	9
4	Location search	12
5	Maps.....	14
5.1	Status of the tanks.....	15
5.2	Information in each location	15
6	Reports	18
6.1	Sales 	18
6.1.1	Sales	18
6.1.2	Tanks without consumptions	20
6.1.3	Stock Map.....	20
6.2	Logistics 	21
6.2.1	Planning.....	21
6.2.2	Deliveries	23
6.2.3	Alarms.....	23
6.3	Management 	24
6.3.1	Performance Indicators	24
7	Exiting Prognos	27

1 Introduction

Prognos is a software designed to manage data regarding the consumptions of remotely monitored fuel tanks. The monitored data are accessible through a set of reports, graphics and under the form of maps. This set of data is adapted to various types of users, comprehending: **sales**, **dispatcher** and **supervisor**.

The **sales** has available a set of information regarding sales and stock that allows running the customer's activities. To the **dispatcher** are made available reports that allow making the logistics supervision of the replenishments and visualize the telemetry information. The **supervisor** has access to all available reports.

The measures presented in the graphics and reports are directly related to the units associated with the client: it can be Litres, Kilograms or US gallons.

2 Login

To access Prognos, the user must enter the page <http://prognos.isa.pt> and fill the previously defined Username and Password.

By default, Prognos adapts automatically to the browser's idiom in use. The language can also be selected in the selection box "Language".



Picture 1 - Initial login page

3 Initial dashboard













Prognos' entry page consists of a set of panels (dashboard) with indicators attributed according to the user's profile.

The upper left corner (1) is the client's customized area, where the company's respective logo will be placed.



Picture 2 - Initial dashboard

Each panel represented in the menu dashboard, corresponds to a category, being the three existing categories: **Management**, **logistics** and **sales**. Each user profile is associated to a set of 6 panels distributed as follows:

Panel		Category	Profile
	Communication Index	Management	Supervisor
	Operability Index	Management	Supervisor
	Total Volume	Logistics	Dispatcher; Sales
	Limit Status	Logistics	Dispatcher; Supervisor
	Deliveries	Logistics	Dispatcher; Sales
	DIP Evolution	Logistics	Dispatcher; Supervisor
	Next Deliveries	Logistics	Dispatcher
	Status Index	Logistics	Supervisor; Dispatcher
	Sales	Sales	Sales; Supervisor
	Sales Evolution	Sales	Sales
	Top 10 Sales	Sales	Sales
	Without consumption	Sales	Sales

3.1 Category “Management”

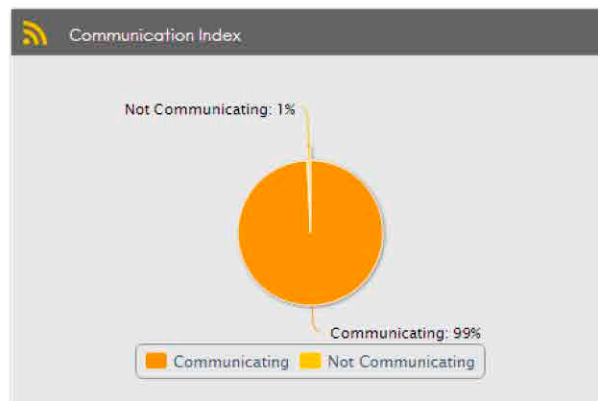


Communication Index

Graphic that categorizes the monitoring equipment according to their communication index:

Communicating: Equipment communicate according their schedule;

Not communicating: Equipment don’t communicate according their schedule;



Picture 3 - Panel “Communication Index”



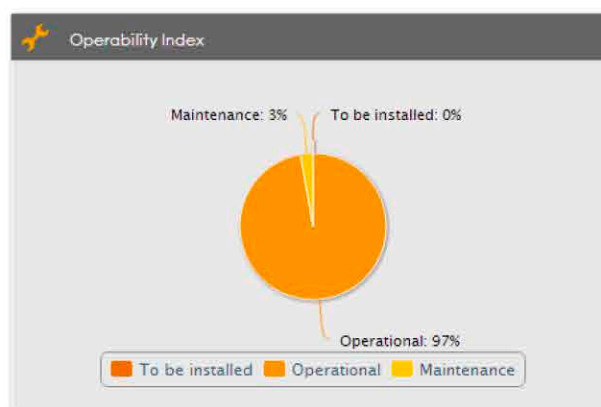
Operability Index

Graphic that categorizes the monitoring locations according to their operation index:

To be installed: locations waiting for installation;

Operational: locations that are working correctly;

Maintenance: locations that are waiting for maintenance;



Picture 4 - Panel “Operability Index”


3.2 Category “Logistics”

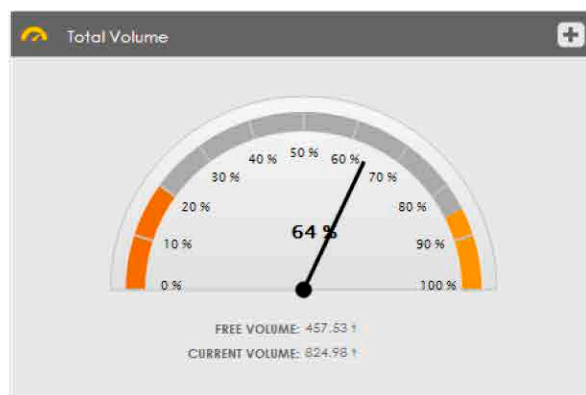


Total volume

Graphic that indicates the **current volume** and the **free volume** of the monitored park.

- **Current volume** represents the park’s total fuel volume that may still be used;
- **Free volume** represents the total fuel volume that may be refuelled in the park.

The user may select the type of tank (fuel) intended to be visualized in the graphic (Accessing to the filter ).




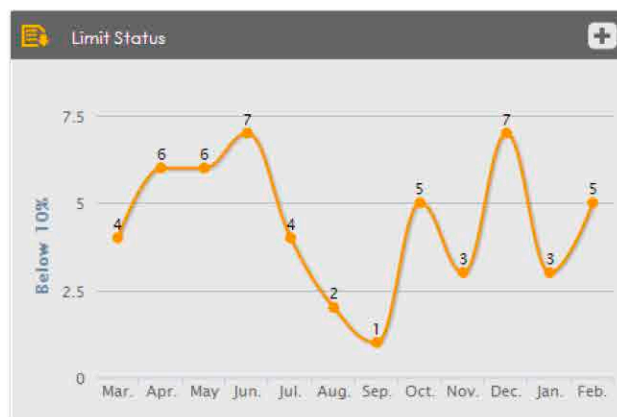
Picture 5 - Panel “Total Volume”



Limit status

Graphic that indicates the number of tanks that have recorded a level below 10% in each month in the last year.

The user may select the type of tank (fuel) intended to be visualized in the graphic (Accessing to the filter ).



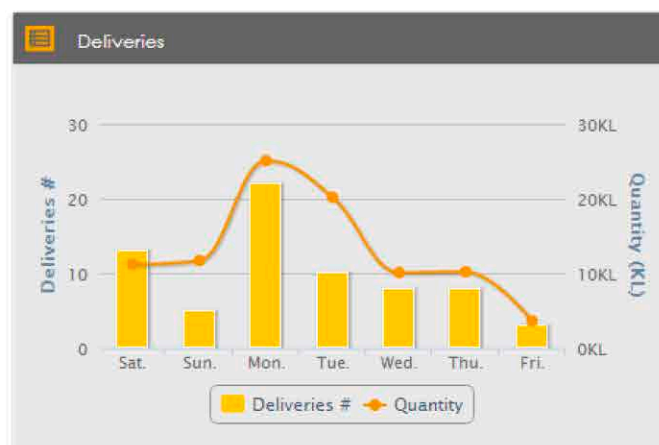
Picture 6 - Panel “Limit Status”



Deliveries

Graphic that indicates:

- The **number of deliveries** and the **supplied amount** in the last three days;
- The **forecast of the number of deliveries** and the **amount to be supplied** in the current day and in the following three days.

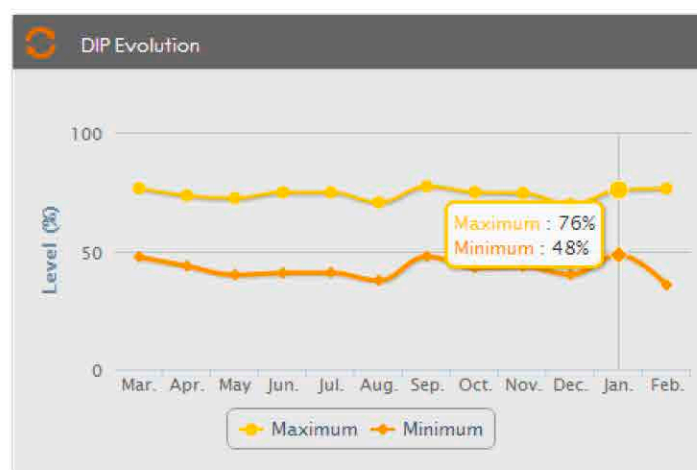


Picture 7 - Panel "Deliveries"



DIP Evolution

Monthly evolution of the levels before and after replenishments. This evolution is an average of the whole monitored tank park.




Picture 8 - Panel "DIP Evolution"



Next Deliveries

Table that indicates the tanks that must be supplied in the following day (i.e., the tanks in which the forecast of the level for the next day is lower than the minimum level defined (default is 20%).).

Note: Location to fill in the current and previous days are not shown in that table;

The user may select the type of tank (fuel) intended to be visualized in the table (Accessing to the filter ).

Next Deliveries 				
Customer Number	Site Name	Tank	Current Volume	Forecast
419671	419671 - Village Food Market Inc	1	53%	37 U.S. Gal
419684	419684 - Scales Restaurant	1	58%	68 U.S. Gal
448812	448812 - Community Automobile Tank #2	2	73%	33 U.S. Gal

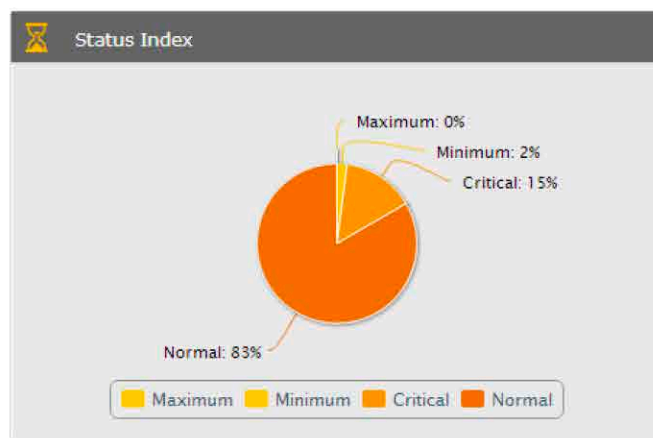
Picture 9 - Panel "Next Deliveries"



Status Index

Graphic that categorizes the tanks according to their level:

- **Maximum** - percentage of tanks with a level higher than the maximum level defined by the user;
- **Minimum** - percentage of tanks with a level lower than the minimum level defined by the user (by default, the minimum level is 20%);
- **Critical** - percentage of tanks which the forecast in days to reach the minimum level is lower than the number of days defined by the user; i.e., the percentage of tanks that is very near of the minimum level (default Forecast is 2 days);
- **Normal** - percentage of the tanks with level above the critical and below maximum level.




Picture 10 - Panel "Status Index"

3.3 Category "Sales"



Sales

Graphic with the tank's sales historic data (by default, the view is weekly). The user may select the type of tanks intended to be visualized in the graphic (per fuel type) and the data view (weekly, monthly or annual) accessing to the filter .

This graphic compares the selected values of the current year with the corresponding period of the two previous years.





Picture 11 - Panel "Sales"



Sales evolution

Table with the 10 tanks that have recorded the largest increase in sales regarding the previous week. Alternatively, the user may also see the 10 tanks that have recorded the lower increase in sales in that same period.

The user may select the type of tanks intended to be visualized in the graphic (per fuel type) and the data view (weekly, monthly or annual) accessing to the filter .




Client Nº	Local	Tank	Evolution (%)
		P. Católica	250%
		1642-A	205%
		1194-A	53%
		1182-A	50%
		0962-A	44%
		0010-D	33%
		0017-B	29%

Picture 12 - Panel "Sales evolution"

10

Top 10 Sales

Table with the 10 tanks that have recorded the largest number in sales (in litres/kilograms) in the previous week. Alternatively the user may view the 10 tanks that have recorded the lower number in sales.

The user may select the type of tanks intended to be visualized in the graphic (per fuel type) and the data view (weekly, monthly or annual) accessing to the filter .



Customer Number	Site Name	Sales
A249	A249 - COMPLEJO TURISMO DEL AUSTRIANO	47.42 KL
F152	F152 - HOPKINS CROSSING CROSS EXPRESS	15.56 KL
ELG105	ELG105 - Super Australia	12.47 KL
ELG104	ELG104 - Endosyme	10.90 KL
A331	A331 - SANDRICK AUSTRAL RD CROSS EXPRESS	7.22 KL
A486	A486 - BICKERHILL CROSS EXPRESS	6.29 KL
A212	A212 - BICKERHILL CROSS EXPRESS	5.26 KL

Picture 13 - Panel "Top 10 sales"

Without consumption

Table with the locations that have recorded no consumptions for more than a week (7 days).

The table identifies the current volume and the user has two filters to be used: it may be filtered by maximum consumption (in percentage) and by number of weeks in which there were no consumptions.

Without consumption			
Site Name	Tank	Current Volume	Without Consumption
PLS - LAMBERTON COLOS EXPRESS	7	0%	77 Weeks
GRB - TQ TANAGER ADP-4T	Q188B	5%	14 Weeks
GRB - TQ TANAGER ADP-4T	Q188A	8%	13 Weeks
GRB - TQ TANAGER ADP-4T	7	87%	10 Weeks
GRB - TQ TANAGER ADP-4T	10	8%	10 Weeks
PLS - LAMBERTON COLOS EXPRESS	6	0%	8 Weeks

Picture 14 - Panel "Without consumption"

4 Location search

At any time when browsing, the user has the possibility to search a specific location in a fast way. In the upper right corner there is a window created to that effect, where it can be found a reference to the name of the location.



Picture 15 - Access to the location search

By searching a specific location, there will be shown general information regarding the search location in form of a table.

On the left side there are two buttons. From one can be seen the searched location in the map and access to more information about the location (see [point 5.2. Information in each location](#)).

To see the data in a map 📍 or graphic 📊, just press the corresponding keys, as shown in the picture.

Site Name	Customer N...	Address	Zip Code	City	Customer phone	Latitude	Longitude	Serial Number
101 COTTON RESERVE		PTT LTD Paramatta Road - Auburn	2194	Sydney	+61(2)94455955	33°35.522 S	151°02.345 E	35628500043...
COOTES I		bratt.wilson@energy-services.com				37°46.327 S	151°02.067 E	35628500043...
WIPPS I					+61(2)94455955	33°35.522 S	151°02.345 E	35628500043...
GBAT - HAMPTON PARK COLES EXP.		CENTERSOUTH GIFFLAND HWY HAMPTON	3875	Melbourne	+351(30)0000000	38°52.587 S	145°26.323 E	
F188 - LYNCHBURST COLES EXPRESS	F188	180 FRANKSTON-DANDENONG ROAD LYN.	3175	Melbourne	+351(30)0000000	38°52.587 S	145°26.323 E	35628500000...
F333 - KEN COLES EXPRESS	F333	BURKE & BARKERS ROADS KEN EAST	3192	Melbourne	+351(30)0000000	37°46.327 S	145°02.067 E	35628500000...
G230 - TEMPLESTONE COLES EXP.	G230	PORTER ST & FITZGERALD LANE TEMPLE.	3106	Melbourne	+351(30)0000000	37°46.327 S	145°02.067 E	35628500000...
H928 - HALLAM COLES EXPRESS	H928	20M PRICES HWY HALLAM	3883	Melbourne	+351(30)0000000	38°52.587 S	145°26.323 E	35628500000...
F179 - FAIRFIELD (VIC) COLES EX.	F179	HEIDELBERG RD & SATURDAY ST FAIRFIELD	3078	Melbourne	+351(30)0000000	37°47.200 S	145°02.067 E	35628500000...
G280 - BULLFINCH COLES EXPRESS	G280	MARSDENHAM RD & GRANT OLSEN AVE B.	3105	Melbourne	+351(30)0000000	37°46.327 S	145°02.067 E	35628500000...
H953 - HOLMES STREET COLES EX.	H953	54 HOLMES STREET BRUNSWICK EAST	3057	Melbourne	+351(30)0000000	37°46.327 S	145°02.067 E	35628500000...
G883 - FOUNTAIN GATE COLES EX.	G883	PRINCES HWY & LAUDERDALE RD NAREM	3805	Melbourne	+351(30)0000000	38°52.587 S	145°26.323 E	35628500043...
F721 - DANDENONG COLES EXPRESS	F721	51-55 CHELTENHAM ROAD DANDENONG	3175	Melbourne	+351(30)0000000	37°46.327 S	145°02.067 E	35628500043...
H942 - CRANBOURNE COLES EXPRESS	H942	CRANBOURNE-FRANKSTON ROAD CRANBO.	3177	Melbourne	+351(30)0000000	38°52.587 S	145°26.323 E	01289500357...
G729 - PENINSULA GATEWAY COL.	G729	ROBINSONS & FRANKSTON-FLINDERS PL.	3199	Melbourne	+351(30)0000000	38°52.587 S	145°02.067 E	35628500043...
F558 - FRANKSTON COLES EXPRESS	F558	NEPEAN HWY & BEACH STREET FRANKST.	3199	Melbourne	+351(30)0000000	38°52.587 S	145°02.067 E	01289500357...

Picture 16 - Location search


There are also made available several options of filters, through which the user can search new locations, through other criteria (of the location or a tank).

Examples of criteria of the location: Name, Customer Number, Address, Zip code, City or Country.

Examples of criteria of a tank: Number, Status, Remaining or Free Volume.

The screenshot displays the Prognos web application interface. At the top, there is a navigation bar with tabs for DASHBOARD, MAPS, MANAGEMENT, SALES, and LOGISTICS. The DASHBOARD tab is currently selected. To the right of the navigation bar is the Prognos logo and a search bar. Below the navigation bar, the main content area is divided into two sections: SITE CRITERIA and TANK CRITERIA. The SITE CRITERIA section includes input fields for NAME, VEH ID, ADDRESS, ZIP CODE, CITY, and COUNTRY. The TANK CRITERIA section includes input fields for NUMBER, STATUS, ESTABLISHED, and FUEL. There are also two orange buttons with a magnifying glass icon and a circular arrow icon, likely for search and refresh functions.

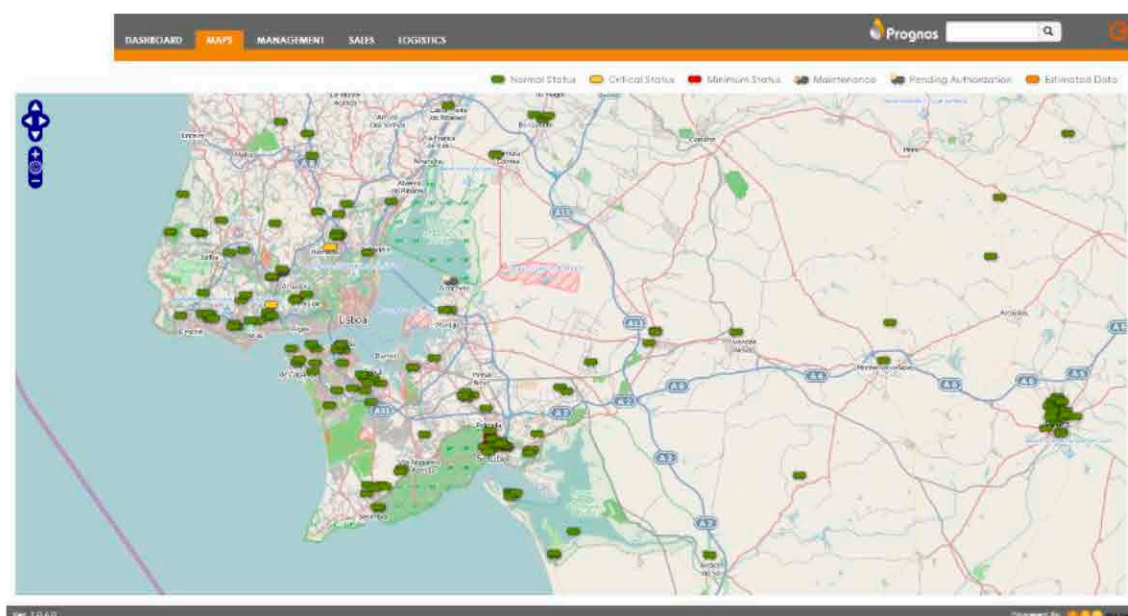
Picture 17 - Filters of search for locations and tanks

The data inserted in the search can be erased immediately through the button , in order to quickly restart a new search.

The information of location and tanks searched in this page can be exported to an Excel document.

5 Maps







All monitored tanks are identified in the map with the colour corresponding to their current status. The user may easily visualize the tanks in the exact coordinates where they are.



Picture 18 - General view of the map

5.1 Status of the tanks

There are six types of status which the tank may have. Each of the tanks on the map is identified with one of the formats in the following table:

Tanks	Legend	Status
	Minimum Status	The tank is below minimum level (default is 20%).
	Critical Status	The tank which the forecast in days to reach the minimum level is lower than the number of days (default Forecast is 2 days) defined by the user, meaning it is almost reaching minimum level.
	Normal Status	The tank is at a normal level (level above critical level and below maximum level, both defined by the user).
	Maintenance	The equipment installed in this tank is waiting technical intervention.
	Pending Authorization	The equipment installed in this tank is in need of technical intervention but is pending authorization of the responsible for the site.
	Estimated Data	There was a temporary impediment of communication and the platform is showing data based on estimates.

5.2 Information in each location

By pressing the cursor in one of the tanks, it appears a set of information regarding that location. According to the number of tanks in each location, the information that will appear will be regarding all the associated tanks.

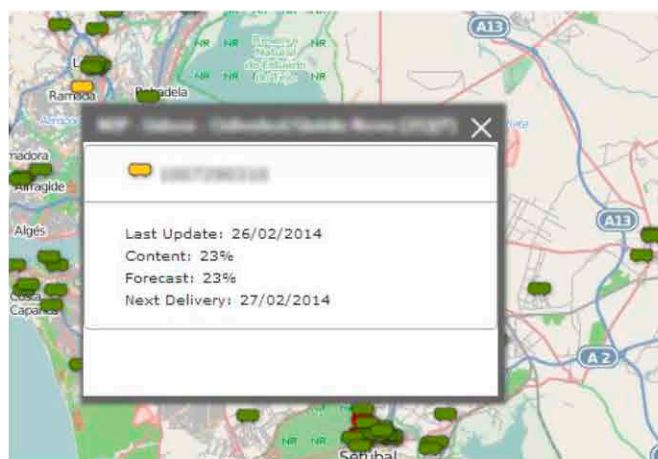
The information that will appear regarding a tank will be the following:

Last Update: DD-MM-YYYY (day to which the level in “Content” refers)

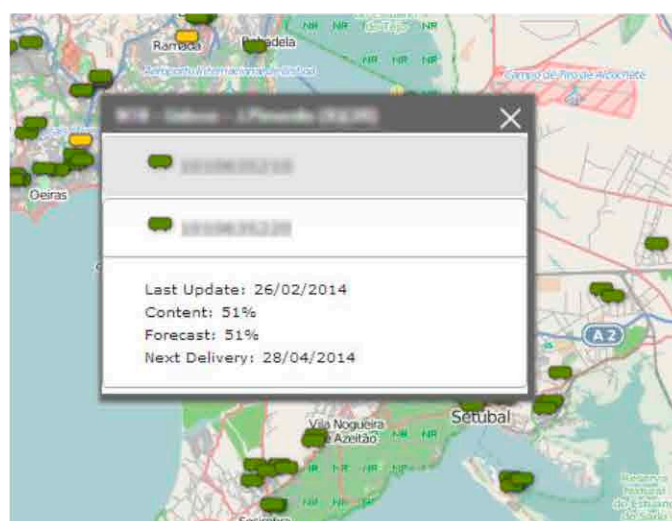
Content: Level of the tank in the last data update

Forecast: Level forecast of the tank for the current day

Next Delivery: DD-MM-YYYY (day in which it is forecast the next Delivery)




Picture 19 - Information of a location with a tank



Picture 20 - Information of a location with more than one tank

By pressing the designation of the location, the user has access to a set of updated information about the tanks of the location.

Status:	 (Normal Status)	Tank status
Capacity:	2500L	Total capacity of the tank
Product:	GPL	Product that is in the tank
Last Reading	6/12/2012 2h0	Last moment in which a level reading was made
Current Volume:	1775L (71%)	Volume in the tank at the moment of the last reading

Free
Volume:

725L (29%)

Volume that the tank has available for refuelling

Graphics

The first graphic shows the level readings of the last month (by default) and the minimum levels and defined criteria. The second graphic shows the current level of the tank.

Through the filters available in the upper bar, it is possible to choose other periods of data visualization - weekly, monthly, annual or other period between dates.



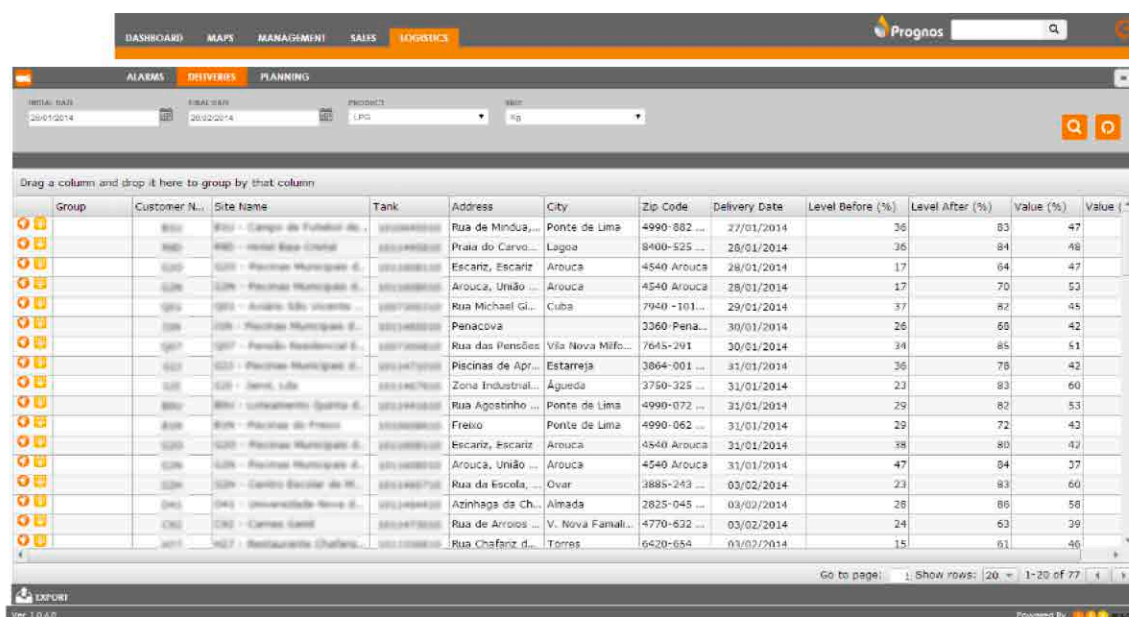
Picture 21 - Detailed information of a tank

6 Reports

The reports are organized in three distinct categories, according to the information made available: “Sales”, “Logistics” and “Management”.

Each report has filters with several options to show the data according to the criteria chosen by the user. By default, the reports are shown without results to give the user the freedom of choice for the various filters available. This option is provided to all reports, except the report “Monitoring”.

All reports can be exported to an Excel document.




Group	Customer N.	Site Name	Tank	Address	City	Zip Code	Delivery Date	Level Before (%)	Level After (%)	Value (%)	Value (L)
	850	850 - Campo de Futebol de...	850000000	Rua de Minas...	Ponte de Lima	4990-002 ...	27/01/2014	36	83	47	
	850	850 - Hotel Rio Grand	850000000	Praia do Carvo...	Lagoa	8400-525 ...	28/01/2014	36	84	48	
	520	520 - Recreio Municipal B...	520000000	Escanz, Escanz	Arouca	4540 Arouca	28/01/2014	17	64	47	
	520	520 - Recreio Municipal B...	520000000	Arouca, União ...	Arouca	4540 Arouca	28/01/2014	17	70	53	
	520	520 - Avenida São Vicente ...	520000000	Rua Michael Gi...	Cuba	7940 - 101 ...	29/01/2014	37	82	45	
	520	520 - Recreio Municipal B...	520000000	Penacova	Penacova	3360 Pena...	30/01/2014	26	69	42	
	520	520 - Recreio Municipal B...	520000000	Rua das Pensões	Vila Nova Mifo...	7645-291	30/01/2014	34	85	51	
	520	520 - Recreio Municipal B...	520000000	Piscinas de Apr...	Estarreja	3864-001 ...	31/01/2014	36	78	42	
	520	520 - Zonal, sã	520000000	Zona Industrial...	Agueda	3750-325 ...	31/01/2014	23	83	60	
	850	850 - Colégio de Santa B...	850000000	Rua Agostinho ...	Ponte de Lima	4990-072 ...	31/01/2014	29	82	53	
	850	850 - Recreio de Fozes	850000000	Freixo	Ponte de Lima	4990-062 ...	31/01/2014	29	72	43	
	520	520 - Recreio Municipal B...	520000000	Escanz, Escanz	Arouca	4540 Arouca	31/01/2014	38	80	42	
	520	520 - Recreio Municipal B...	520000000	Arouca, União ...	Arouca	4540 Arouca	31/01/2014	47	84	37	
	520	520 - Centro Escolar de M...	520000000	Rua da Escola...	Ovar	3885-243 ...	03/02/2014	23	83	60	
	540	540 - Universidade Nova B...	540000000	Azinhaga de Ch...	Almada	2825-045 ...	03/02/2014	28	86	58	
	520	520 - Camas Sand	520000000	Rua de Arroios ...	V. Nova Famali...	4770-532 ...	03/02/2014	24	63	39	
	520	520 - Restaurante Chafariz...	520000000	Rua Chafariz d...	Torres	6420-654	03/02/2014	15	61	46	

Picture 22 - Example of a report

A description of the reports and their functioning is presented as follows.

6.1 Sales

6.1.1 Sales

This report makes available the history of sales in each tank and location. To any selected period, the data are shown under the form of graphic or table (when maximizing the table  the graphic minimizes, and vice-versa).

When accessing to the report, the **graphic** demonstrates the monthly consumptions (by default) and compares the values of the current year to the two previous years.



Picture 23 - Sales report (Graphic)

The **table** presents, for each tank, the sales in the period defined in the filter (by default it will show the same data view than in the graphic).

Group	Client Number	Local	Tank	Address	City	Zip Code	Month	Year(Kg)	Year-1(Kg)	Year-2(Kg)
		9900-A - Carden - Carden S.	9900-A				January	12263	13648	16359
		9900-A - Carden - Carden S.	9900-A				February	11356	12388	13500
		9900-A - Carden - Carden S.	9900-A				March	12332	12661	17743
		9900-A - Carden - Carden S.	9900-A				April	12638	12082	14521
		9900-A - Carden - Carden S.	9900-A				May	11719	11288	12048
		9900-A - Carden - Carden S.	9900-A				June	10346	9960	9858
		9900-A - Carden - Carden S.	9900-A				July	9370	12717	14056
		9900-A - Carden - Carden S.	9900-A				August	6058	8928	12388
		9900-A - Carden - Carden S.	9900-A				September	6500	7101	5547
		9900-A - Carden - Carden S.	9900-A				October	7487	7158	6148
		9900-A - Carden - Carden S.	9900-A				November	14922	7952	9405
		9900-A - Carden - Carden S.	9900-A				December	5865	7998	7249
		9900-A - Carden - Carden S.	9900-A				January	6806	8576	9751
		9900-A - Carden - Carden S.	9900-A				February	8452	9030	7731
Total:513046								Total:813642	Total:830707	

Picture 24 - Sales report (Table)

In the filters, the user may select the data view he wishes to visualize (weekly, monthly, annual or a specific period defined by two dates), and still the intended unit (Litres or Kilograms).

Examples of types of view in the table:

Weekly view: for each tank, there will be provided the sales of the several weeks of the current year up to the current date. If we are on week 40, there will be 40 lines regarding each tank - one line for each week of the year, including the current.

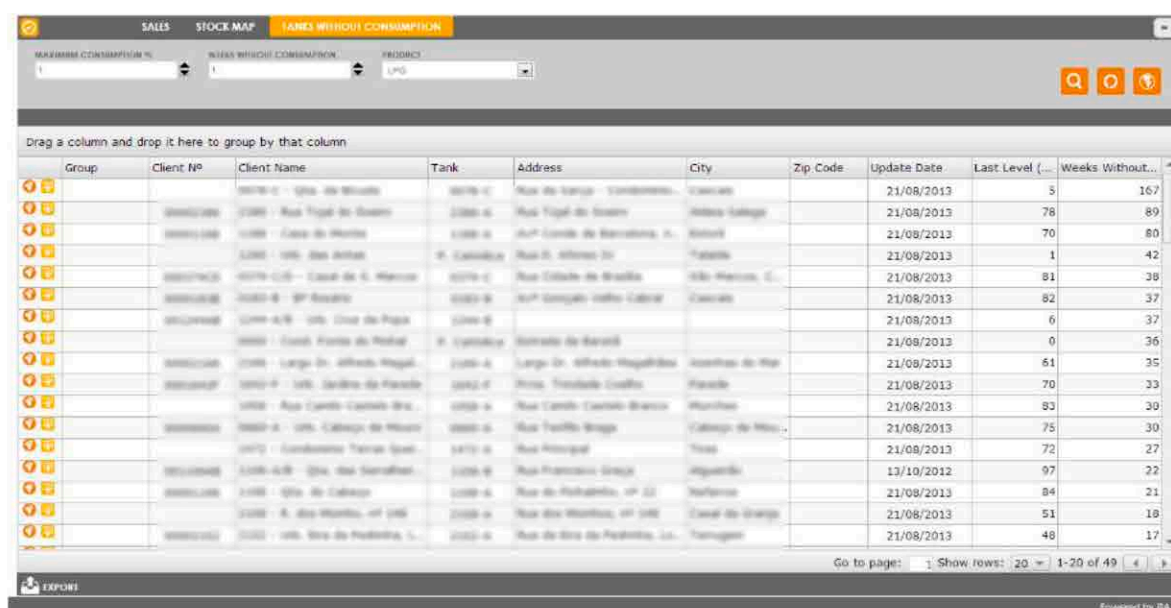
Monthly view: for each tank there will be provided the sales of the several months of the year until the current date. If we are in October, there will be 10 lines regarding each tank (with accumulated data from January until October).

Annual view: for each tank, the annual view provides the total of sales of the current year and the two previous years.

6.1.2 Tanks without consumptions

This report allows visualizing the locations in which much reduced consumptions are recorded in a continuous way during a time period. By default, there are listed all the locations that have recorded a maximum consumption of 1% in the previous week.

In the filter bar, the user may filter the tanks by **maximum consumption** (in percentage), by **number of weeks** in which there were no consumptions and by type of tank intended to visualize in the table (by fuel type).



Group	Client Nº	Client Name	Tank	Address	City	Zip Code	Update Date	Last Level (...)	Weeks Without...
	00000000	0000 - Rua Tópaz do Brasil	0000-0	Rua do Tópaz - Condorinho	Curitiba		21/08/2013	5	167
	00000000	0000 - Rua Tópaz do Brasil	0000-0	Rua Tópaz do Brasil	Atibaia - SP		21/08/2013	78	89
	00000000	0000 - Rua Tópaz do Brasil	0000-0	Rua Tópaz do Brasil	Atibaia - SP		21/08/2013	70	80
	00000000	0000 - Rua Tópaz do Brasil	0000-0	Rua Tópaz do Brasil	Atibaia - SP		21/08/2013	1	42
	00000000	0000 - Rua Tópaz do Brasil	0000-0	Rua Tópaz do Brasil	Atibaia - SP		21/08/2013	81	38
	00000000	0000 - Rua Tópaz do Brasil	0000-0	Rua Tópaz do Brasil	Atibaia - SP		21/08/2013	82	37
	00000000	0000 - Rua Tópaz do Brasil	0000-0	Rua Tópaz do Brasil	Atibaia - SP		21/08/2013	6	37
	00000000	0000 - Rua Tópaz do Brasil	0000-0	Rua Tópaz do Brasil	Atibaia - SP		21/08/2013	0	36
	00000000	0000 - Rua Tópaz do Brasil	0000-0	Rua Tópaz do Brasil	Atibaia - SP		21/08/2013	61	35
	00000000	0000 - Rua Tópaz do Brasil	0000-0	Rua Tópaz do Brasil	Atibaia - SP		21/08/2013	70	33
	00000000	0000 - Rua Tópaz do Brasil	0000-0	Rua Tópaz do Brasil	Atibaia - SP		21/08/2013	83	30
	00000000	0000 - Rua Tópaz do Brasil	0000-0	Rua Tópaz do Brasil	Atibaia - SP		21/08/2013	75	30
	00000000	0000 - Rua Tópaz do Brasil	0000-0	Rua Tópaz do Brasil	Atibaia - SP		21/08/2013	72	27
	00000000	0000 - Rua Tópaz do Brasil	0000-0	Rua Tópaz do Brasil	Atibaia - SP		13/10/2012	97	22
	00000000	0000 - Rua Tópaz do Brasil	0000-0	Rua Tópaz do Brasil	Atibaia - SP		21/08/2013	84	21
	00000000	0000 - Rua Tópaz do Brasil	0000-0	Rua Tópaz do Brasil	Atibaia - SP		21/08/2013	51	18
	00000000	0000 - Rua Tópaz do Brasil	0000-0	Rua Tópaz do Brasil	Atibaia - SP		21/08/2013	48	17

Picture 25 - Report of tanks without consumption

6.1.3 Stock Map

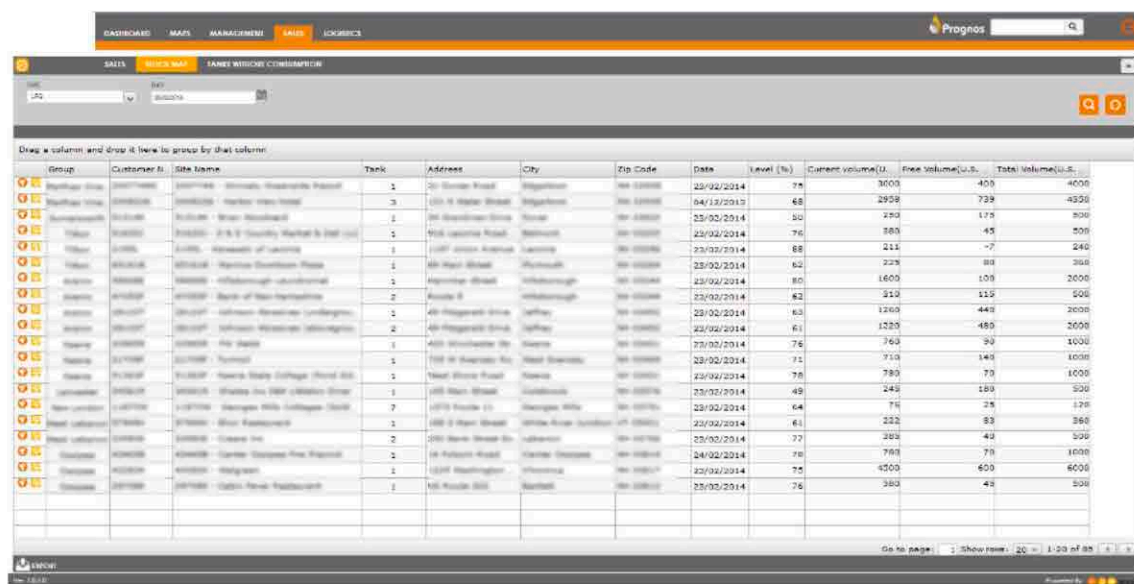
This report shows the daily level of the tanks: for each tank it is possible to visualize the level (in percentage), the **current volume**, the **free volume** and the **total volume** in the current day (or other day chosen).

- **Current volume** represents the tank total fuel volume that may still be used in the day chosen in the filter criterion;
- **Free volume** represents the tank fuel volume that may be refuelled in the day chosen in the filter criterion; i.e., The free volume of a LPG tank will be the value from the current Volume and maximum value (default is 85%);

- **Total volume** represents the tank fuel volume maximum;

The volumes can be viewed in the intended unit (Litres or Kilograms).

In the filter bar the user may select the day he wishes to view and the type of tank he intends to visualize in the table (by type of fuel). All tanks are identified with number and name of the client, number of the tank, address, city and postcode.



Group	Customer No.	Site Name	Tank	Address	City	Zip Code	Date	Level (%)	Current volume (U.S.)	Free volume (U.S.)	Total volume (U.S.)
01	000001	000001 - 000001 - 000001 - 000001	1	20 - 000001 Road	000001	00 00000	23/02/2014	75	3000	400	4000
01	000001	000001 - 000001 - 000001 - 000001	3	100 - 10 - 000001 Road	000001	00 00000	04/12/2013	68	2998	739	4320
01	000001	000001 - 000001 - 000001 - 000001	1	20 - 000001 Road	000001	00 00000	23/02/2014	50	299	175	800
01	000001	000001 - 000001 - 000001 - 000001	1	100 - 000001 Road	000001	00 00000	23/02/2014	76	585	45	500
01	000001	000001 - 000001 - 000001 - 000001	1	100 - 000001 Road	000001	00 00000	23/02/2014	68	215	-7	240
01	000001	000001 - 000001 - 000001 - 000001	1	100 - 000001 Road	000001	00 00000	23/02/2014	62	225	89	354
01	000001	000001 - 000001 - 000001 - 000001	1	100 - 000001 Road	000001	00 00000	23/02/2014	80	1600	100	2000
01	000001	000001 - 000001 - 000001 - 000001	2	100 - 000001 Road	000001	00 00000	23/02/2014	62	310	110	500
01	000001	000001 - 000001 - 000001 - 000001	1	100 - 000001 Road	000001	00 00000	23/02/2014	63	1260	440	2000
01	000001	000001 - 000001 - 000001 - 000001	2	100 - 000001 Road	000001	00 00000	23/02/2014	61	1230	480	2000
01	000001	000001 - 000001 - 000001 - 000001	1	100 - 000001 Road	000001	00 00000	23/02/2014	76	760	90	1000
01	000001	000001 - 000001 - 000001 - 000001	1	100 - 000001 Road	000001	00 00000	23/02/2014	71	710	140	1000
01	000001	000001 - 000001 - 000001 - 000001	1	100 - 000001 Road	000001	00 00000	23/02/2014	78	780	70	1000
01	000001	000001 - 000001 - 000001 - 000001	1	100 - 000001 Road	000001	00 00000	23/02/2014	49	240	180	500
01	000001	000001 - 000001 - 000001 - 000001	7	100 - 000001 Road	000001	00 00000	23/02/2014	64	76	25	125
01	000001	000001 - 000001 - 000001 - 000001	1	100 - 000001 Road	000001	00 00000	23/02/2014	61	250	80	360
01	000001	000001 - 000001 - 000001 - 000001	2	100 - 000001 Road	000001	00 00000	23/02/2014	77	280	40	320
01	000001	000001 - 000001 - 000001 - 000001	1	100 - 000001 Road	000001	00 00000	24/02/2014	70	700	70	1000
01	000001	000001 - 000001 - 000001 - 000001	1	100 - 000001 Road	000001	00 00000	23/02/2014	75	4000	600	6000
01	000001	000001 - 000001 - 000001 - 000001	1	100 - 000001 Road	000001	00 00000	23/02/2014	76	380	40	500

Picture 26 - Report of tanks without consumption

6.2 Logistics

6.2.1 Planning

This report allows the dispatcher to plan the replenishments.

Firstly the user selects the locations he wishes to list through filters:

Days Supply (forecasted days to supply the tank);

Status (minimum or critical);

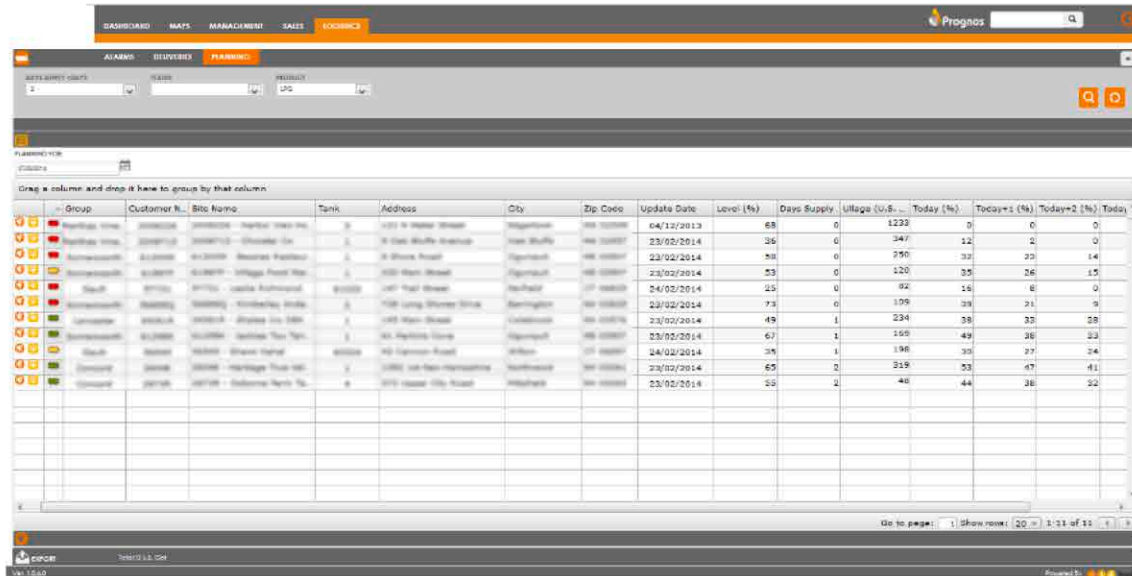
Type of product (type of fuel in the tank);

Intended Unit (Litres or Kilograms)

After pressing the search button, there will appear the tanks listed according to the selected parameters. The tanks will appear listed by **growing order of forecasted days to supply the tank**, providing the dispatcher an immediate view of the locations that need refuelling first.

In a second step, the dispatcher may select **tanks in the report and also the day in which he intends to make the delivery**. As the dispatcher selects the tanks in the report, it is

automatically made available a total of litres or kilograms (depending of what is selected in the user's profile) to what that selection sums.



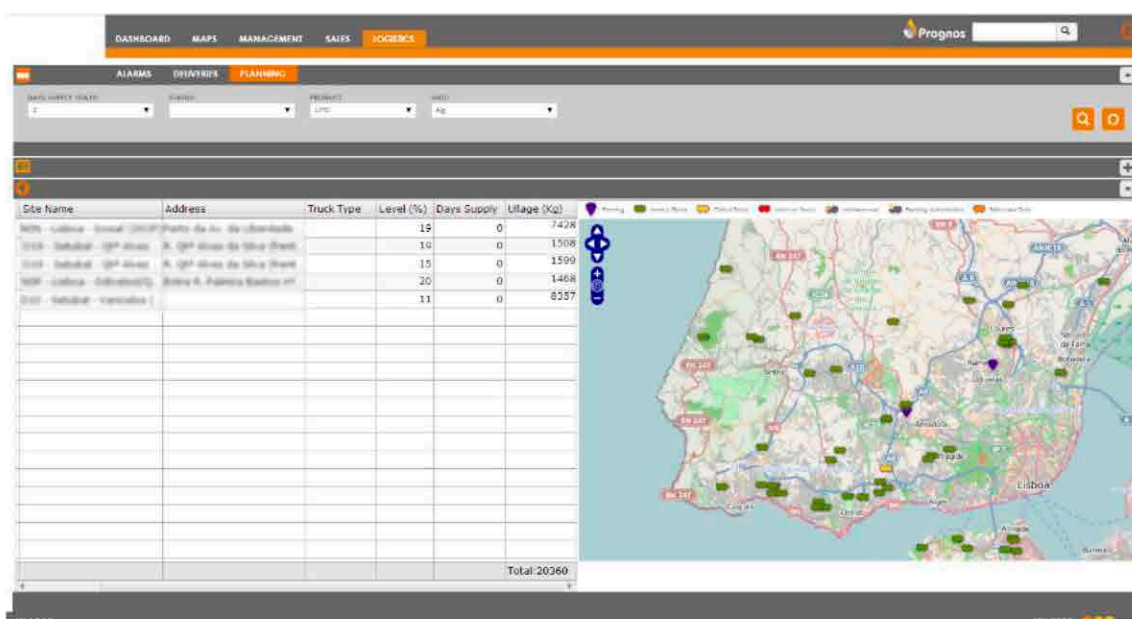
Drag a column and drop it here to group by that column

Group	Customer No.	Site Name	Tank	Address	City	Zip Code	Update Date	Level (%)	Days Supply	Ullage (v.b. ...)	Today (%)	Today+1 (%)	Today+2 (%)	Today
Red	00000000	00000000 - Redondo (v.b. ...)	1	1000 10000000	Redondo	440 000000	04/12/2013	68	0	1233	0	0	0	0
Red	00000000	00000000 - Redondo (v.b. ...)	2	1000 10000000	Redondo	440 000000	23/02/2014	36	0	347	12	2	0	0
Red	00000000	00000000 - Redondo (v.b. ...)	3	1000 10000000	Redondo	440 000000	23/02/2014	50	0	750	32	20	14	0
Red	00000000	00000000 - Redondo (v.b. ...)	4	1000 10000000	Redondo	440 000000	23/02/2014	53	0	120	35	26	15	0
Red	00000000	00000000 - Redondo (v.b. ...)	5	1000 10000000	Redondo	440 000000	23/02/2014	25	0	82	16	8	0	0
Red	00000000	00000000 - Redondo (v.b. ...)	6	1000 10000000	Redondo	440 000000	23/02/2014	73	0	109	38	21	9	0
Red	00000000	00000000 - Redondo (v.b. ...)	7	1000 10000000	Redondo	440 000000	23/02/2014	49	1	234	38	35	28	0
Red	00000000	00000000 - Redondo (v.b. ...)	8	1000 10000000	Redondo	440 000000	23/02/2014	67	1	155	49	36	23	0
Red	00000000	00000000 - Redondo (v.b. ...)	9	1000 10000000	Redondo	440 000000	23/02/2014	35	1	196	39	27	24	0
Red	00000000	00000000 - Redondo (v.b. ...)	10	1000 10000000	Redondo	440 000000	23/02/2014	65	2	319	53	47	41	0
Red	00000000	00000000 - Redondo (v.b. ...)	11	1000 10000000	Redondo	440 000000	23/02/2014	55	2	48	44	38	32	0

Go to page: 1 Show rows: 20 1-11 of 11

Picture 27 - Selection of the locations for planning

When the selection ends, by pressing the “Planning” button, it will appear a map and a table containing the selected tanks. The table shows the total in litres or kilograms (depending on what is selected in the user's profile) that will be refuelled. In the map it will appear the locations of the planning with one colour and a distinct template of the tanks in order for them to be easier to locate.



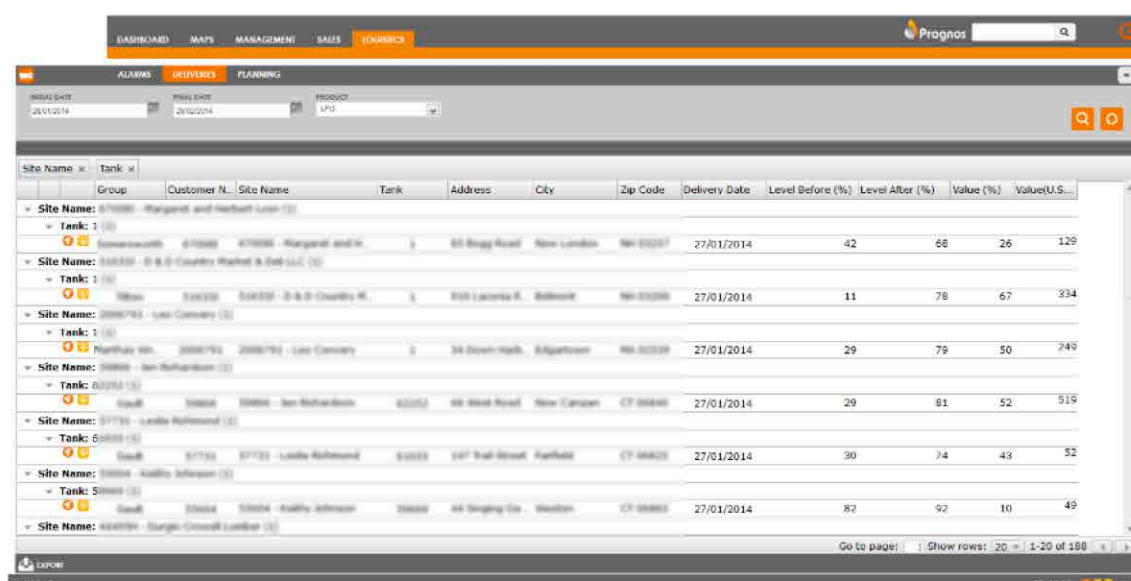
Site Name	Address	Truck Type	Level (%)	Days Supply	Ullage (Kg)
0000 - Redondo - Redondo (v.b. ...)	1000 10000000	1	15	0	7428
0000 - Redondo - Redondo (v.b. ...)	1000 10000000	2	10	0	1508
0000 - Redondo - Redondo (v.b. ...)	1000 10000000	3	15	0	1599
0000 - Redondo - Redondo (v.b. ...)	1000 10000000	4	20	0	1468
0000 - Redondo - Redondo (v.b. ...)	1000 10000000	5	11	0	8557
					Total: 20360

Picture 28 - List of locations of the planning

6.2.2 Deliveries

This report provides information about deliveries. For each refuelled tank in a certain date, it is possible to visualize: the level before and after delivery (in percentage); the amount (in litres, kilograms and percentage) that was refuelled.

In the filters it is possible to select the period intended to be visualized, the type of tank (by fuel used) and still the intended unit (litres or kilograms).



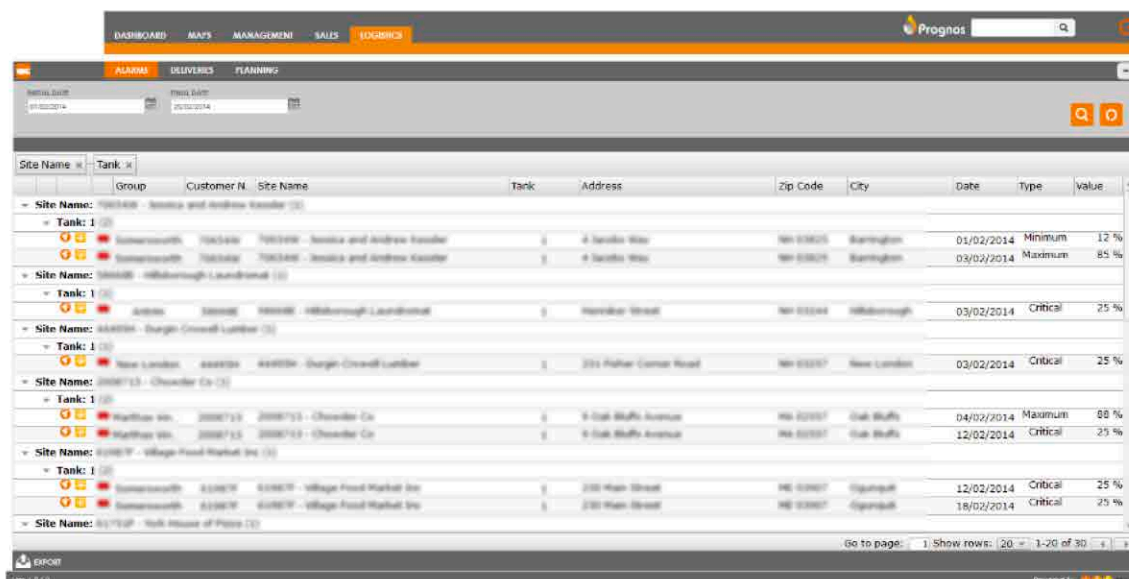
Site Name	Tank	Group	Customer N.	Site Name	Tank	Address	City	Zip Code	Delivery Date	Level Before (%)	Level After (%)	Value (%)	Value(U.S...)
Site Name: 670000 - Margaret and Harbort Lash (1)	Tank: 1 (1)			670000 - Margaret and Harbort Lash (1)	1	85 Bagg Road	New London	06110	27/01/2014	42	68	26	129
Site Name: 500000 - B & B Country Market & Deli LLC (1)	Tank: 1 (1)			500000 - B & B Country Market & Deli LLC (1)	1	800 Lancers R.	Baltimore	21038	27/01/2014	11	78	67	334
Site Name: 2000792 - Leo's Concessions (1)	Tank: 1 (1)			2000792 - Leo's Concessions (1)	1	34 Green Road	Edgewater	06039	27/01/2014	29	79	50	249
Site Name: 500000 - Ben Richardson (1)	Tank: 1 (1)			500000 - Ben Richardson (1)	1	40 Wood Road	New Canaan	07096	27/01/2014	29	81	52	519
Site Name: 577101 - Leslie Richmond (1)	Tank: 1 (1)			577101 - Leslie Richmond (1)	1	247 Oak Street	Amherst	01002	27/01/2014	30	74	43	52
Site Name: 500000 - Kathy Johnson (1)	Tank: 1 (1)			500000 - Kathy Johnson (1)	1	44 Longing Cir	Weston	07080	27/01/2014	82	92	10	49

Picture 29 - Refuelling report

6.2.3 Alarms

This report lists the tanks by the various types of alarms that were triggered in a certain period of time. There are several types of alarms: minimum, maximum and critical.

The user has the possibility to filter the data by a certain period of time. By default, in the filter options, the last seven days will appear.



Site Name	Tank	Customer N	Site Name	Tank	Address	Zip Code	City	Date	Type	Value
Site Name: 700340 - Jessica and Andrew Kessler (2)										
Tank: 1 (2)										
		700340	700340 - Jessica and Andrew Kessler	1	4 Sparks Way	W10 5BZ	Barnington	01/02/2014	Minimum	12 %
		700340	700340 - Jessica and Andrew Kessler	1	4 Sparks Way	W10 5BZ	Barnington	03/02/2014	Maximum	85 %
Site Name: 000000 - Millborough Laundry (1)										
Tank: 1 (2)										
		000000	000000 - Millborough Laundry	1	Hammer Street	W10 5BZ	Millborough	03/02/2014	Critical	25 %
Site Name: 000000 - Durgin-Crowell Lubber (2)										
Tank: 1 (2)										
		000000	000000 - Durgin-Crowell Lubber	1	200 Fuller Corner Road	W10 5BZ	New London	03/02/2014	Critical	25 %
Site Name: 000000 - Chender Co (2)										
Tank: 1 (2)										
		000000	000000 - Chender Co	1	8 Oak Bluffs Avenue	W10 5BZ	Oak Bluffs	04/02/2014	Maximum	88 %
		000000	000000 - Chender Co	1	8 Oak Bluffs Avenue	W10 5BZ	Oak Bluffs	12/02/2014	Critical	25 %
Site Name: 000000 - Village Food Market Inc (2)										
Tank: 1 (2)										
		000000	000000 - Village Food Market Inc	1	200 Main Street	W10 5BZ	Agincourt	12/02/2014	Critical	25 %
		000000	000000 - Village Food Market Inc	1	200 Main Street	W10 5BZ	Agincourt	18/02/2014	Critical	25 %
Site Name: 000000 - Bulk House of France (2)										

Picture 30 - Report of alarms

6.3 Management

6.3.1 Performance Indicators

This report classifies the monitoring equipment according to their functioning status.

The total of monitored equipment is quantified under two criteria: in the **status of the installations**, the equipment are categorized by “Installed”, “Pending Installations”, “Picked Up” and “Pending Validation”; in the **equipment status**, they are divided by “Ok”, “Follow-Up” or “Maintenance”.

Status of installations:

Installed: Locations with equipment installed.

Pending Installations: Locations awaiting installation of equipment.

Picked Up: Locations where the equipment was removed.

Pending Validation: Locations with equipment installed but still pending validation.

Equipment status:

Ok: Locations with equipment operating normally.

Follow-Up: Locations in Follow-Up: The support team is validating the status of this equipment.

Maintenance: Locations that are waiting for maintenance.

Picture 31 - Report of performance indicators



[illegible]

Picture 32 - List of the tanks of the selected criterion

At any moment you may return to the initial table and choose other type you intend to see in more detail.

The information provided that appears in the report is, by default, for the current month. In the filters, the user may choose the month and year in which he wishes to view the data. If the profile has more than one client, the user may also select in the proper filter which is the client he wishes to view the monitored equipment's data.

In several reports, the user may access to each location's information or view it on the map, through two available buttons:

- ✓ The tanks that are listed in the table can be viewed at any moment in the map. For that, the user must press the button - . The tanks that correspond to the selected criterion in the report will appear indicated with a different symbol of the remaining tanks.
- ✓ By pressing the next symbol - , the user may access to the generic data of a certain location.

TANK CRITERIA	
NUMBER	STATUS
<input type="text"/>	<input type="text"/>
Name	Site Id
  0000-0 - Carabos - Canal do Cordeiro	
  0000-0-0000 - Maricao, Tapada B.	
  0000-0-0 - Rio de Janeiro, Canal do...	
  0000-0 - Alto da Faria, Qda do Rio...	
  0000-0-00 - Rio de Janeiro, Qda do...	
  0000-0-00 - St. Martin, SP - Corumb...	
  0000-0-0-0 - Alameda, Qda do...	
  0000-0-0 - Alameda, Qda do...	
  0000-0 - Bacia, Qda do...	
  0000-0 - Queda, Qda do...	
  0000-0-0-0-0 - Alameda, Qda...	

Picture 33 - Quick access buttons

In the reports it is also possible to group the data from the table according to a certain criterion provided intuitively - just drag the column of the desired criterion (the example below shows the column Address being dragged, for example) to the initial report bar.

MAXIMUM CONSUMPTION %

4

WEEKS WITHOUT CONSUMPTION









1

PRODUCT

LPG

Drag a column and drop it here to group by that column

Address

	Group	Client N°	Client Name	Tank	Address	City	Zip
 			0000 - Canal Faria de Rêgo	0000-0	Canal de Rêgo		
 			0000 - Qda do Arroz	0000-0	Rua S. Antonio St	Tapada	
 			0000-0 - Qda do Brucido	0000-0	Rua de Larga - Condado	Caracas	
 		00002386	0000 - Rua Tropical do Brasil	0000-0	Rua Tropical do Brasil	Andara College	

Picture 34 - Grouping by columns

7 Exiting Prognos

At any time the user may press the button “Logout” to exit the software. This button is in the upper right corner.



Picture 35 - “Log out” button



Gartner does not endorse any vendor, product or service depicted in its research publications, and does not advise technology users to select only those vendors with the highest ratings. Gartner research publications consist of the opinions of Gartner's research organization and should not be construed as statements of fact. Gartner disclaims all warranties, expressed or implied, with respect to this research, including any warranties of merchantability or fitness for a particular purpose.
Gartner, Inc., Cool Vendor Awards City Applications, 2012, Boston/Trip-Arr, Redwood for Data, Atlanta, Virginia, April 15, 2012.