

BLAXTAIR CONNECT®

**USER MANUAL**

## Index

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## Introduction

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This manual presents the various information and functions offered by the Blaxtair Connect (BXTC) interface.

One part is shared by Customers & After-Sales Service, the rest being dedicated to internal use only.

The shared part will be presented from a customer's point of view, with a customer service account the only difference is that this one will see all the customers displayed.

<https://arcure.digdash.com/>

## 1 Shared Part Customers & After-Sales Service

Saisissez vos paramètres de connexion

Nom d'utilisateur :

Mot de passe :

Connexion

### 1.1 Home Page

The screenshot shows the Blaxtair Connect (BXTC) home page. The dashboard includes a navigation menu on the left with options like 'Clients', 'Locations', 'Type Véhicule', 'Statistiques', and 'Paramètres'. The main content area displays three widgets: a forklift icon, a bar chart showing 'Véhicules par pays & site', and a forklift icon with a person icon. Below these is a table titled 'Liste Véhicules Connectés' with the following data:

Client	Site	Localisation	Type Véhicule	Plan Véhicule	Image
truck	Site 016	01601	chargeur_chemise	CA 1	
voiture	01601	garemont	chargeur_rouleau	4401801	

After logging in, the user arrives on the home page presenting their Blaxtair Connect (BXTC) fleet.

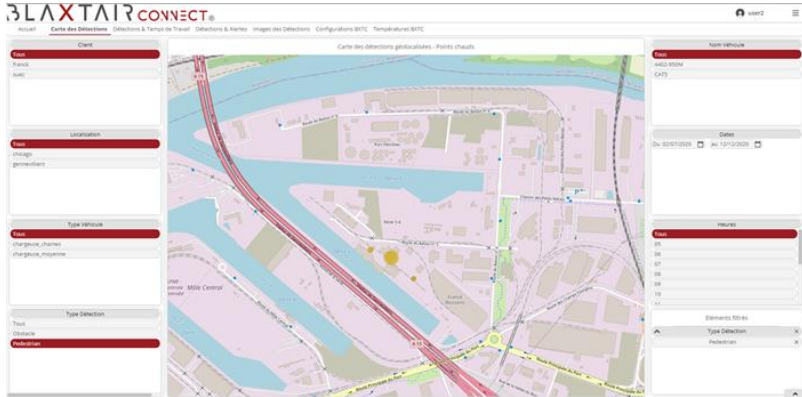
The interface / the dashboard is designed as follows :

- a list of tabs allows you to navigate in the different sections,
- a central part presents information relating to the selected tab,
- the side parts are used to select and display the filters on the data:
  - a "customer" filter, unique with a customer account, multiple with an after-sales service account,
  - a "localisation" filter, to select geographic sites,
  - a "vehicle type" filter, to filter according to the machines,
  - a "vehicle name" filter, to select according to the identification given by the customer,
  - a "time" filter, date to date,
- At the bottom left, an insert displays the active filters and allows them to be deselected if necessary.

The central part of the home tab displays the following information :

- a sticker showing the number of vehicles in the fleet,
- a histogram displays the geographical distribution of vehicles; by clicking on it, we refine at the city level,
- a diagram makes it possible to consult the number of pedestrian detections for the last day of machine activity.

## 1.2 Detections Map



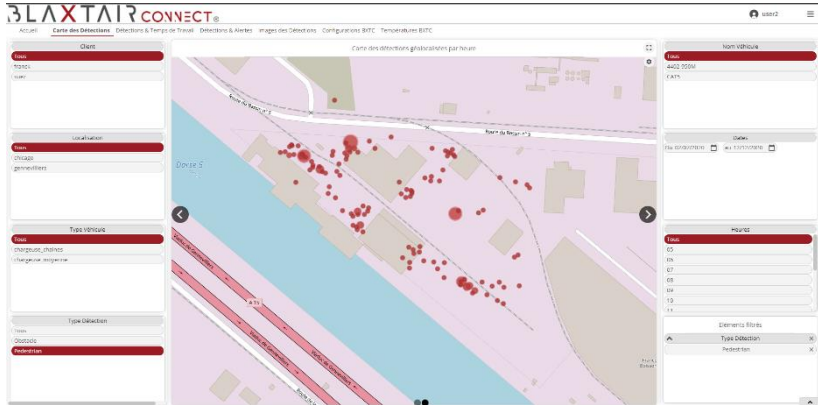
This tab presents the map of detections with additional filters :

- The "detection type" filter is used to display - as desired - pedestrians, obstacles or both,
- An "hour" filter allows you to refine the detections displayed during the day.

Clicking on a grouping displays the photos if the option is active.

The yellow groupings present the detections in absolute value and geographical proximity according to the zoom level.

When the mouse hovers over a grouping, a tooltip presents the number of detections during the period of time considered.



A click on one of the side arrows presents a map whose groupings are created by geographical and time proximity.

When the mouse hovers over a grouping, a tooltip presents the number of detections and the time at which they occur.

## 1.3 Detections & Working Time



When you click on the "Detections & Working time" tab, the interface presents 4 histograms :

- the first regroups the obstacle detections over the filtered time period (last 7 days by default)
- the second groups together the pedestrian detections over the filtered time period (last 7 days by default)
- the third displays the number of hours of machine activity over the filtered time period (last 7 days by default)
- the fourth presents the times when pedestrian detections occur over the filtered time period (last 7 days by default)

Hovering the mouse over a bar in a graph will display a tooltip with the relevant information.

The number of pedestrian detections for the time considered, for example for the fourth graph.

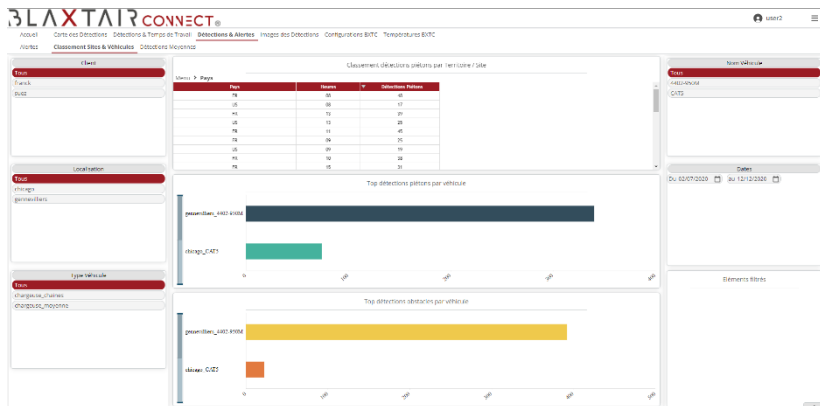




The "Sites & Vehicles Ranking" sub-tab is used to display the geographical sites according to the number of absolute detections:

- Number of detections of all types
- Number of pedestrian type detections
- Number of obstacle type detection

Hovering the mouse over a bar in a graph will display a tooltip with the relevant information.



The data can also be presented in the form of an exportable table in different file formats by clicking on the gear.

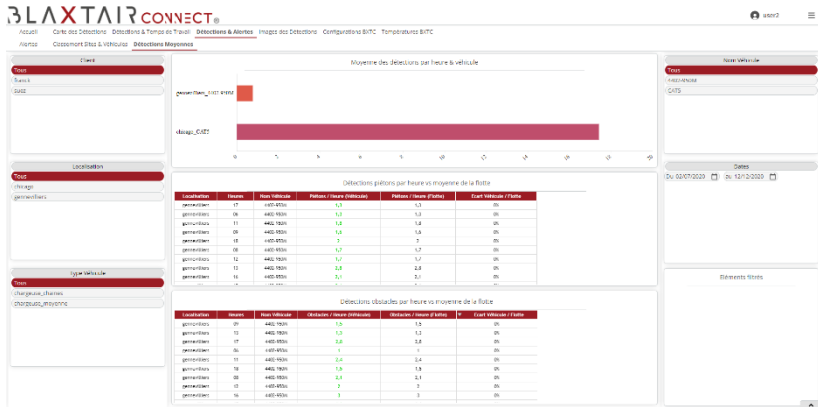
## 1.4.3 Average Detections



This "Average Detections" sub-tab is used to display the machines according to the number of hourly average detections (number of detections / number of hours of activity) :

- Number of average detections of all types
- Number of average pedestrian type detections
- Number of average obstacle type detections

Hovering the mouse over a bar in a graph will display a tooltip with the relevant information.



The data can also be presented in the form of an exportable table in different file formats by clicking on the gear.

## 1.5 Images of Detections



The "Image of detections" tab is present if the customer has opted for photos (blurred or not); it is not present if the customer has not taken this option.

This tab has a "detection type" filter which allows you to display - as desired - pedestrians, obstacles or both.

## 2 After-Sales Service Part

This part, as shown, is only visible when using an after-sales service account.

### 2.1 BXTC Configuration

The screenshot shows the 'Configurations BXTC' page in the Blaxtair Connect application. The main table displays the following data:

Client	Date Configuration	CU	Client	Localisation	Modèle Véhicule	Statut	Statut	Statut	Statut
Est-001	30/10/2020	237336478033	Paris	Chargement	0760000000	OK	OK	OK	OK
Est-002	30/10/2020	237336478033	Paris	Chargement	0760000000	OK	OK	OK	OK
Est-003	30/10/2020	237336478033	Paris	Chargement	0760000000	OK	OK	OK	OK
Est-004	30/10/2020	237336478033	Paris	Chargement	0760000000	OK	OK	OK	OK

Below the main table, there is a section for 'Attribution Client / Site / Véhicule / CU' with a list of clients and their associated configurations.

The 'BXTC Configuration' tab lists systems whose customer\_id field in the BXT configuration file contains a customer that does not exist in the client.csv file on the server.

- Either the client was misspelled when configuring Blaxtair, or it must be added to the client.csv file on the server.

It also lists the systems whose location\_id field in the BXT configuration file contains a site that does not exist in the location.csv file on the server.

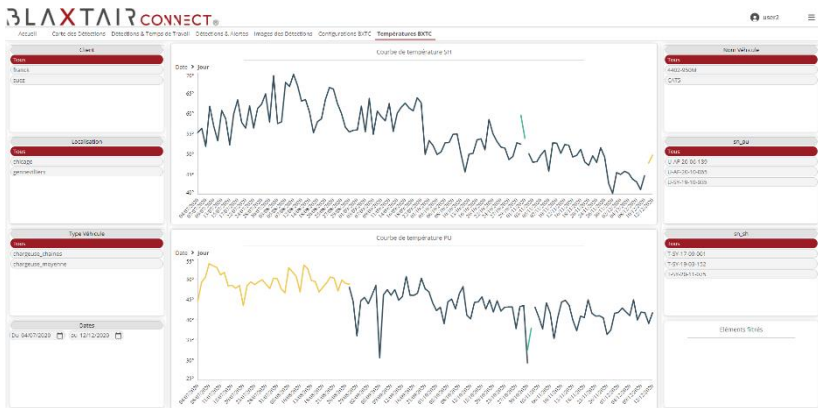
- Either the site was misspelled when configuring Blaxtair, or it must be added to the location.csv file on the server.

This tab also presents the list of BXTCs with their pedestrian / obstacle zone configuration and any configuration errors (red bubble).

This menu has an additional sn\_cu filter allowing you to select a specific CU SN.

Finally, a client / site / vehicle / sn\_cu tree structure is presented.

## 2.2 BXTC Temperatures



The 'BXTC Temperatures' tab shows two charts of the temperatures of the heads and processing units.

This menu has additional filters:

- The sn\_sh filter is used to select a specific head SN
- The sn\_sh filter is used to select a particular processing unit SN

A click on the x-axis gives access to shorter time periods.