



**BLUEFORCE
CLOUD**



BlueForce Cloud Portal User Guide

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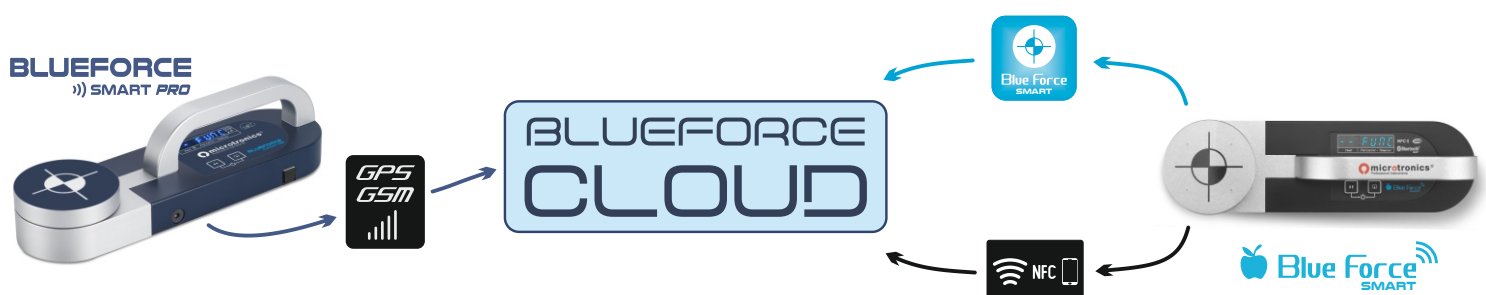
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BLUEFORCE CLOUD OVERVIEW

- Blueforce Cloud can be accessed from any fixed or mobile device. With the purchase of the **BlueForce Smart Pro** instrument or the **Upgrade Pro**, you can use BlueForce Cloud free of charge for **12 months**. After that, you can renew your access with an annual subscription (see costs on the Microtronics website).
- BlueForce Cloud allows you to store force measurements and create documentation for the Technical File for motorised door compliance.
- For those using the BlueForce Smart **Pro** instrument, the force measurements taken are sent **directly** to your cloud area via **GSM**, while those using the previous BlueForce **Smart** instrument can send the measurements via the **app** or the **NFC** system.



REGISTRATION AND ACCESS TO THE PORTAL

- To start using BlueForce Cloud, you **must register** by scanning the QR code provided in the QUICK GUIDE booklet, or by visiting the following link:

<https://www.microtronics.it/start.html>

- **N.B.** The QUICK GUIDE contains a reminder of the measurement points in accordance with Standard EN12453.


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))) SMART PRO



BLUEFORCE CLOUD

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- Inquadrare il QR Code per attivare il prodotto e scaricare il manuale di istruzioni.
- Scan the QR Code to activate the product and download the instruction manual.
- Escanee el código QR para activar el producto y descargar el manual de instrucciones.
- Scannen Sie den QR-Code, um das Produkt zu aktivieren und die Gebrauchsanweisung herunterzuladen.
- Scannez le code QR pour activer le produit et télécharger le mode d'emploi.

-  **GUIDA RAPIDA**
-  **QUICK START**
-  **GUÍA RÁPIDA**
-  **KURZANLEITUNG**
-  **DÉMARRAGE RAPIDE**

The QR code or link takes you to the **START** page, where you can:

- **Register** (to use the BlueForce Cloud portal)
 - View support video courses
 - Download instructions for the BlueForce Smart Pro instruments
 - Download the BlueForce software (for users who do not use BlueForce Cloud)
 - Request calibration certificate
- After registering, you will receive a confirmation email (excluding Saturdays and public holidays), after which you will be able to access the Cloud with your credentials (email and password). The login page is <https://en12453.eu>, but you can also access it from the Cloud menu on the Microtronics website. Once you have logged in, you will see the Cloud interface, where you can manage your data and applications.

START WEBSITE - Registration, Software and Support


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CLOUD AREA
REGISTRATION



VIDEO AREA
SUPPORT



DOWNLOAD
INSTRUCTION
MANUAL



DOWNLOAD
BLUEFORCE
SOFTWARE



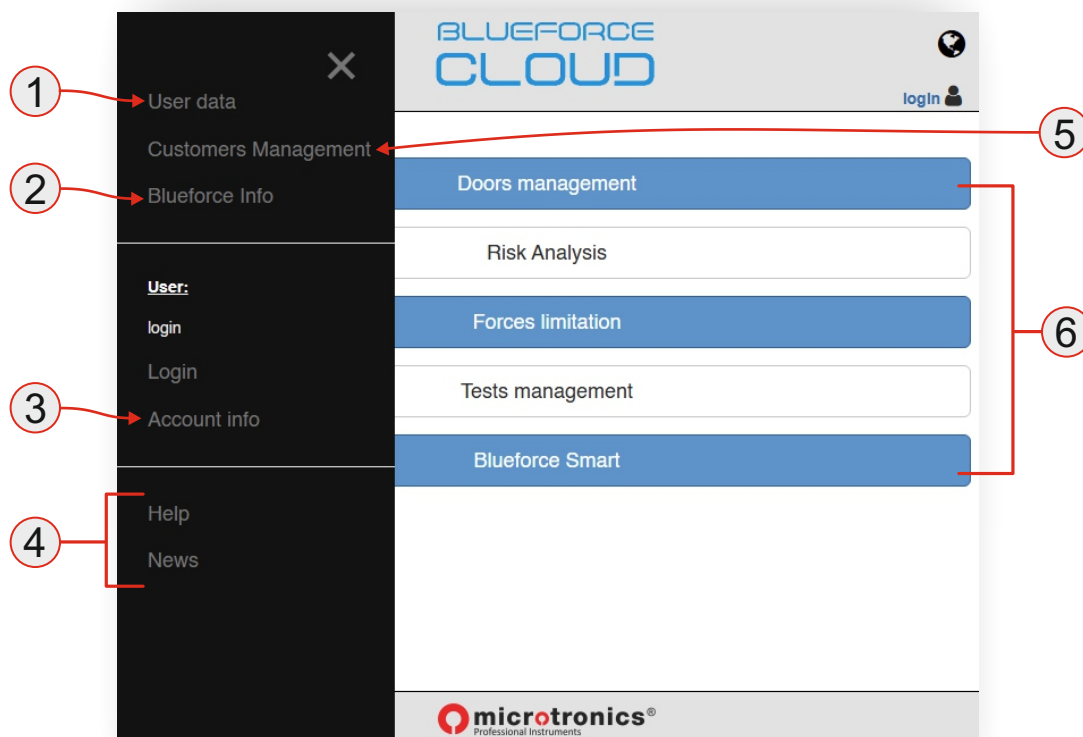
REQUEST
CALIBRATION
CERTIFICATE



SETTINGS ON FIRST ACCESS

 Use the left side menu to enter User Data and Instrument Data (points 1, 2, 3).

To exit the menus, you can use the arrow button  or the Home button. 



(1) User Data: in this menu, you can edit the details of the company and the technician who drafts the documentation. You can also add your company logo. N.B. This data appears in the header of all documents.

(2) Blueforce Info: set the **serial number** of the instrument used to send measurements to the Cloud. All measurements are stored in the internal database, which can be consulted using the **Measurements Management** function (point 9 on page 4).

N.B. Each user can enter up to 3 instruments, each instrument sends the measurements to its own database. To view the correct database, you must select the serial number corresponding to the instrument used. For companies with several technicians, it is possible to purchase the multi-user version (1 admin and 4 users).

(3) Account Info: in this menu, you can view your registration details and the expiry date of your subscription.

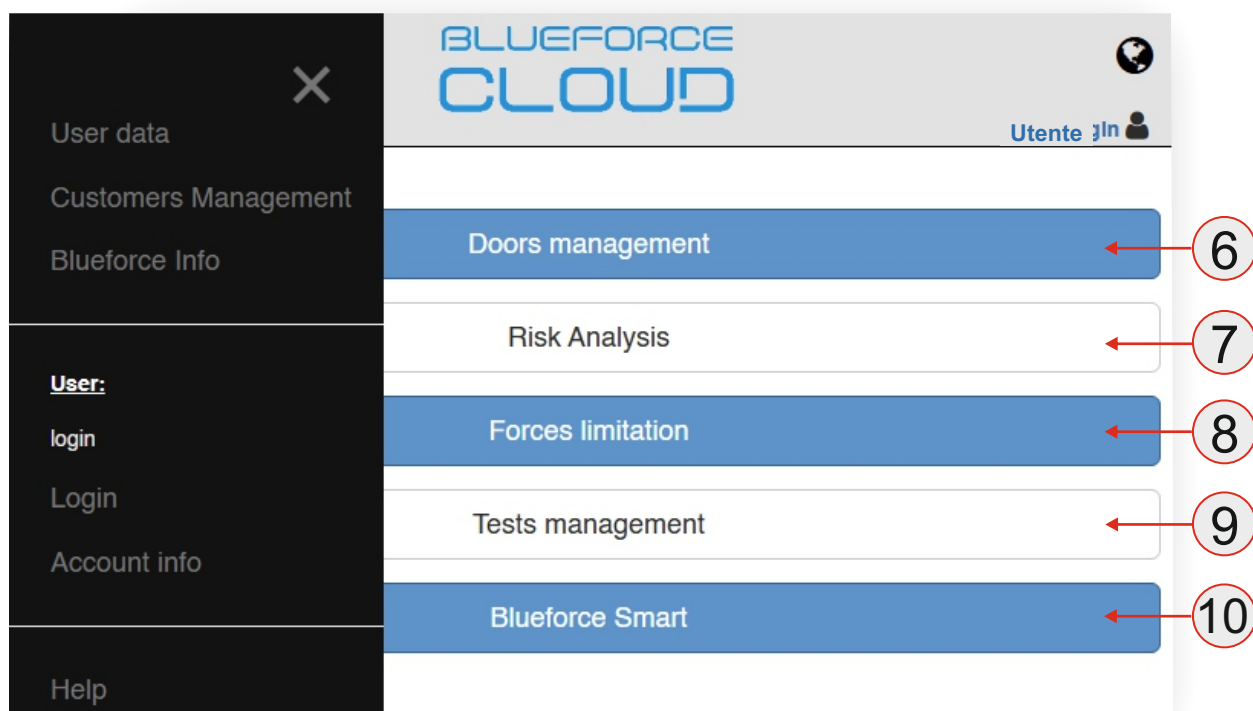
(4) Help: view online help for using BlueForce Cloud. **News:** view the list of new features introduced in the Cloud area.

(5) Customers Management: in this menu, you can enter customers into the database, as described in detail on pages 5 and 6.

(6) Central menu: The central menu contains the five main functions of BlueForce Cloud, described on page 4.

MAIN FUNCTIONS MENU

(details of these functions are described in the following pages)



(6) Doors Management: this is the most important menu, as it allows you to create and edit the data of the doors created and the related associated documents. With the “customer filter” you can accurately identify a door associated with your customer (see details on page 5). For each door you can add:

->**Door data:** Name, Type, Standard

->**Customer data:** Name, Address, Email, etc.

->**Technical file documents:** Reports, CE Conformity, Risk Analysis, Maintenance, etc.

(7) Risk Analysis: this menu allows you to compile a “Risk Analysis” report **independent of the customers recorded in the Doors management section.**

(8) Force Limitation: this menu allows you to compile a report with the “force measurements taken” **independently of the customers present in Door Management.**

***N.B.** We recommend using these two menus only if you need to produce this type of single document without references to customers or doors stored in the Cloud.*

(9) Measurements Management: in this menu, you can view the following databases containing measurements sent or saved with the BlueForce Smart **Pro** and BlueForce **Smart** instruments:

- **Currently testing door measurements:** list of measurements taken and stored **on site** using the **TEST** function (via a mobile device and the BlueForce Smart **Pro** or BlueForce **Smart** instrument).
- **Measurements sent to the cloud:** list of all measurements taken with the BlueForce Smart **Pro** instrument and **automatically sent via GSM** to your Cloud area.
- **List of saved measurements:** list of measurements taken with the BlueForce **Smart** instrument and acquired with a mobile device via the app (BlueForce) or with NFC.

(10) BlueForce Smart: by clicking on this button, you can view **the latest measurement taken and automatically sent by Blueforce Smart Pro** on any fixed or mobile device.



DETAIL OF FUNCTIONS

Customers Management

Customers Management: (accessible from the left side menu) allows you to enter new customers into the database using the **(New)** function.

You can edit the data you have entered at any time using the **(Edit)** function and then save it by clicking on the **“Save”** button at the bottom of the page.

In the top drop-down menu, you can view all registered customers, select a customer to make changes, or delete them.

Customers management

Select customer (New) (Modify)

Amministratore Casasolis

Name and Surname / Company name

Amministratore Casasolis

Address

Via Solis

VAT no.

11111000ABCD123

email

casasolis@tiscali.it

Close

Delete

DETAIL OF FUNCTIONS

Doors management

Doors management: allows you to view and manage the list of doors entered in the database

By clicking on **Add Door**, you can create a new door by entering the **Door Name** and **Door Type** from the drop-down menu (see also page 6).

ATTENTION!

- After saving the door, the **Door Type** **CANNOT** be changed.
- The **Standard** box is automatically filled in based on the type of door selected.

To associate the door created with a customer, you need to open the **Customer Data** menu by clicking on the **+**.

You can then enter the **Customer Name**, or select a customer already in the database using the **Select from contacts** function (after these operations, click on Save to avoid losing the data entered).

ATTENTION!

- When a new **Customer Name** is entered, in addition to being associated with the door in question, it will also be **automatically stored** in the customer database.

New door

Door data

Door name

Add door name

Kind of door

DHF swing gate

Regulation

DHF TS 013

+

Customer data

Additional door data

Undo

Save

Customer data

Customer name: (Select from contacts)

add customer name

customer address:

add customer address

VAT no:

add VAT no

Email address:

The image on the right shows the types of doors available in the **Door Type** menu.

- In green** - Doors, Gates, Barriers EN12453
- In orange** - Residential Garage Doors EN60335
- In blue** - Pedestrian Doors EN16005

In the top scroll menu, **filter by Customer**, you can select a specific customer. All the doors associated with the selected customer will then be listed below (see also the practical example on page 7).

Doors can be deleted completely by clicking on the red **X** on the right (please note that **all documents** contained in the door will also be deleted).

Doors Management

Filter by Customer

no selection

Doors list

ACCESSO PEDONALE AZIENDA	X
BARRIERA INGRESSO MUSEO	X
CANCELLO A DOPPIO BATTENTE - LUNASOL	X
CANCELLO SCORREVOLE VILLA TERESA	X
DHF BARRIER MY	X
Add door...	+

After creating a New Door, in addition to the Customer Data, in the next box you can add **Additional Door Data**, which the Cloud system **automatically distributes** when documents are created (e.g. serial number, location, date, etc.).

The **Additional Door Data** menu contains several fields to be filled in with door details. Each field contains a **grey hint** that is overwritten when the required data is entered.

N.B. We recommend filling in the first 6 fields, which are sufficient for creating documents with the main data..

To edit or add door details, **first** use the **Edit** function and then **save** at the bottom of the page.

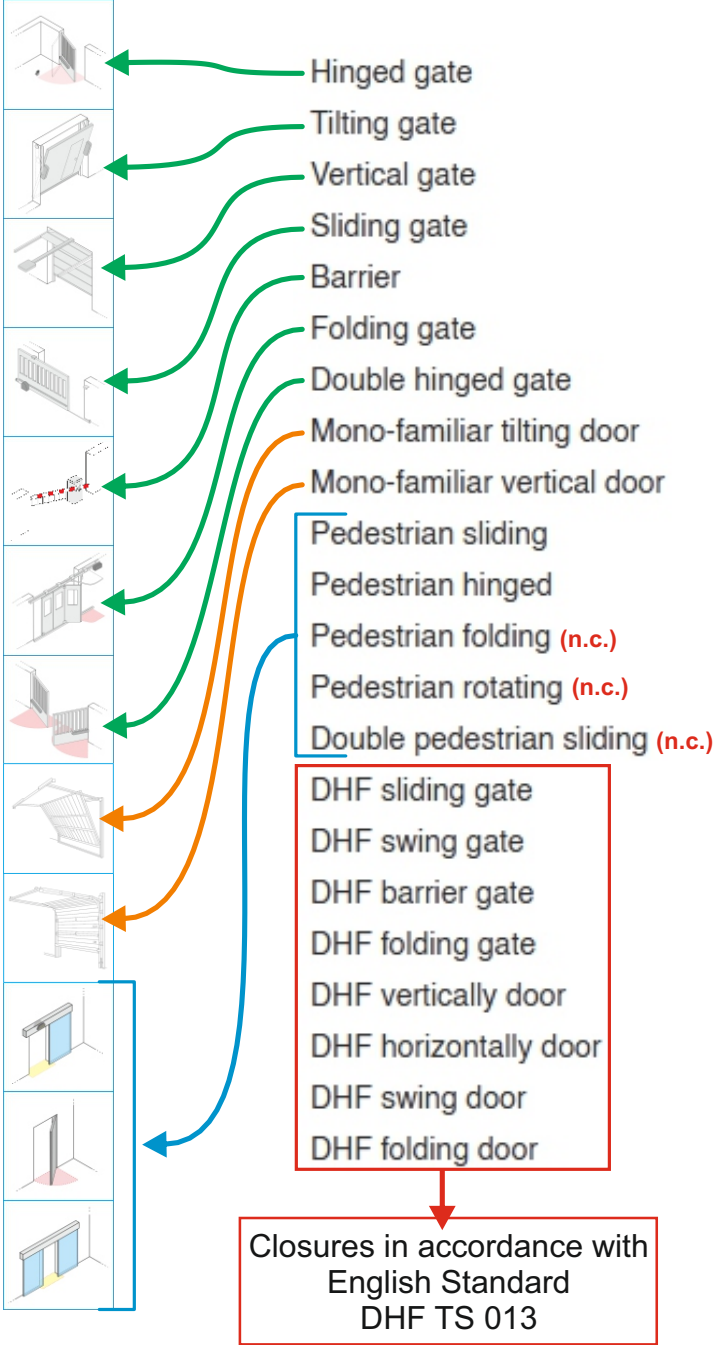
X

User data

Customers management

Duplicate door

It is also possible to duplicate a door (with its associated documents) using the **Duplicate Door** function in the left-hand menu.



Additional door data

Model:

Add product model

Identifier (Serial No.)

Enter identification serial Nr.

Door description

Enter door description

Additional Identifying data

Enter additional identifying data

Location

add door location

PRACTICAL EXAMPLE

How to associate Customers-Doors and add documents of the Technical File



To enter the documents in the Technical File for a Door, it is advisable to **first enter** the customer from the **Customers Management** menu and then use the **Doors Management** menu to create the new door **and associate** it with the customer.

Following the pattern below, one or more ports can be associated with each customer.

CUSTOMER (John) -> DOOR (gate)

CUSTOMER (Peter) -> DOOR (entrance door)

CUSTOMER (Matthew) -> DOOR (gate) + (entrance door) + (barrier)

Follow this example to create a simple Customer-Door association

- 1) In **Customers Management**, we create a **New Customer** (John).
- 2) In **Doors Management**, from the top menu, click **Filter by Customer** and select the customer you just created (John).
- 3) At the bottom, in **Doors List**, select Add Door.
- 4) Now let's add the **Door Name** (e.g. Entrance Door).
- 5) Then, in the **Door Type** section, select **Vertical Leaf** (N.B. This setting cannot be changed later).
- 6) When finished, click **Save** to create the **Entrance Door** (vertical leaf category) associated with the customer **John!** (You can check this in Customer Data).

If we wish to associate additional doors with the customer John, we repeat steps 2), 3), and 4).

It is possible to associate a new customer or an existing customer even after creating a new door:

- 1) In **Doors Management**, select **Add Door**, then enter the **Door Name** (Entrance Barrier).
- 2) After clicking **Save**, we can proceed with customer association by clicking **Edit** in the top right corner. In this way, the system allows us to enter **Customer Data** in two ways:
 - > **as a new customer**, entering the required details (name, address, etc.) and then clicking on Save. The new customer will be associated with the door (Entrance Barrier) and also entered into the database.
 - > **or by selecting the customer** from those in the database using the **Select from Contacts** function (in this way too, the "Entrance Barrier" will be associated with the selected customer).

After the door has been created and associated with the customer, you can make changes to the data entered using the **Edit** function and then **Save**.

You can then insert **the documents of the Technical File**: such as reports, the CE declaration, the maintenance register, the risk analysis, etc. (see following pages).

CREATING A DOCUMENT

The data entered in **User Data** and in the various menus **Doors Management**, **Customer Data** and **Additional Door Data** are automatically distributed by the BlueForce Cloud. Below is an example of a document (CE Declaration). As you can see from the coloured bands, each data is written in its predefined position in just a few clicks!

Parts automatically created by the Cloud system

- Document basis, Directives, Regulations, Titles, CE logo
- User data: company data, technician name and logo
- Reference standard (based on the selected door)

Parts automatically inserted and taken from the various menus “Door Data”, “Customer Data”, “Additional Data”

- Door type, model, serial number.

Parts to be entered:

- Document date / Signature

	Mister Impresa di Mario Rossi Via Nino Bixio, n° 23 - Nola 23450 (VR)
UKCA Declaration of Conformity	
	
THE UNDERSIGNED Name and Surname: Mario Rossi	
COMPANY ADMINISTRATOR Name: Mister Impresa di Mario Rossi Address: Via Nino Bixio, n° 23 - Nola 23450 (VR)	
PRODUCT IDENTIFICATION Kind: DHF barrier gate Model: Identifier (Serial No.)	
THE COMPANY ABOVE DECLARES UNDER ITS OWN AUTHORITY, THAT THE DOOR IS FULLY COMPLIANT WITH: Supply of Machinery (Safety) Regulations 2008 Electro-Magnetic Compatibility Regulations 2016 Radio Equipment Regulations 2017	
THE COMPANY ABOVE DECLARES UNDER ITS OWN AUTHORITY, THAT THE DOOR IS IN FULL COMPLIANCE WITH THE FOLLOWING UK REGULATIONS: <input checked="" type="checkbox"/> DHF TS 013 UK Regulations for automatic Gates and doors (and previous version) <input type="checkbox"/>	
Signed for on behalf of the manufacturer by:	
PLACE: Via Nino Bixio, n° 23 - Nola 23450 (VR)	DATE: 10/02/2026
Legal representative: Mario Rossi	Signature:

Guide to using the BlueForce Cloud portal

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