

## BADGE ACCESS FUNCTION

### 1. BADGE ACCESS FUNCTIONALITY AND BADGE-ONLY MODE

The Badge Access function is a service available for the EVOLVE 300/400/500 models.

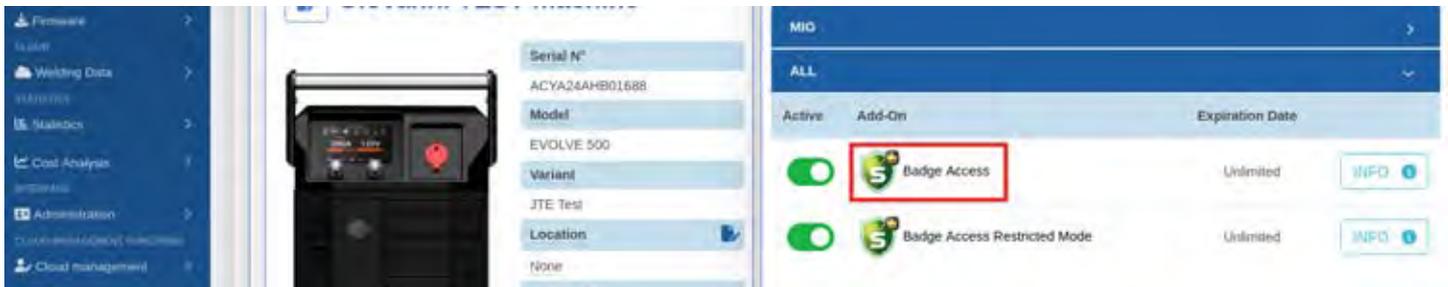
It allows authorized users to use an NFC badge to log in, gaining access to a personal area to save Jobs and attaching the user's name to weld reports.

When Badge Access is enabled, it can be then set in two modes: **1) Free Mode**, and **2) Badge-Only Mode**.

In Free Mode, the machine can be used even while not logged in, while in Badge-Only Mode the machine is locked, and can not weld or adjust parameters until an authorized user logs in using their badge.

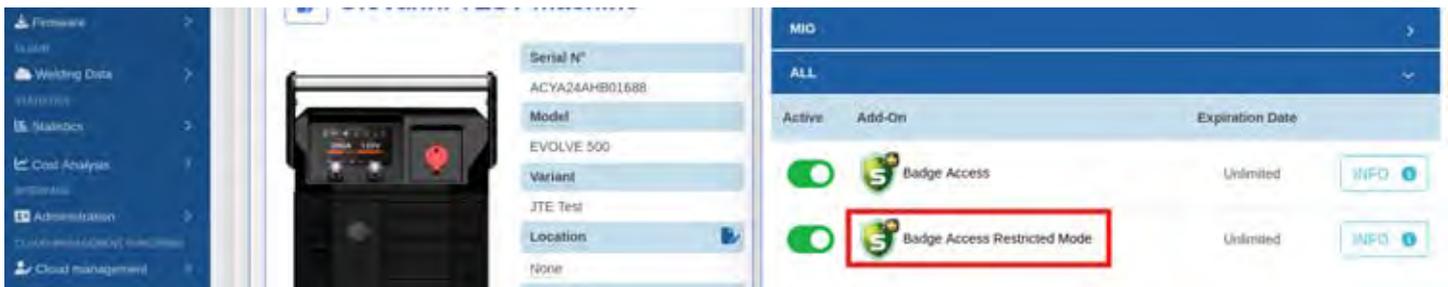
### 2. HOW TO SET BADGE ACCESS AND BADGE-ONLY MODE

To activate Badge Access, a user must log into [cloud.jteurope.com](http://cloud.jteurope.com) and go to the machine they want to activate Badge Access for. On the right side panel, under the ALL category, there will be (if enabled) a toggle switch named 'Badge Access'. When it's active, the machine can accept logins from registered and authorized NFC badges.



#### Badge-Only Mode

While Badge Access is enabled, the 'Badge Access Restricted Mode' toggle switch will determine if the machine is in Free Mode (when the switch is toggled off) or Badge-Only Mode (when the switch is toggled on). If Badge Access is disabled, this switch has no effect.



When a machine is in Badge-Only mode and there isn't a logged in user, the front panel will display the following message, and won't be able to weld until an NFC Badge is used to log in.



### 3. HOW TO REGISTER AND ASSIGN NFC BADGES

In order to be used, an NFC Badge must first be registered to the owner's account, and then assigned to a machine. Once registered, the same badge can be later assigned to multiple machines belonging to the same owner.

#### 3.1 Supported NFC Badge types

The following are the Badge models compatible with the machines' NFC reader:

- ISO/IEC14443A/MIFARE
- ISO/IEC14443B
- FeliCa
- ISO/IEC14443A/MIFARE Card MIFARE Classic 1K or MIFARE Classic 4K card emulation mode
- FeliCa Card emulation
- ISO/IEC 18092
- ECMA 340 Peer-to-Peer



It's best to avoid using Tag type NFC devices, as they are harder to detect for the NFC reader, and may not function consistently.



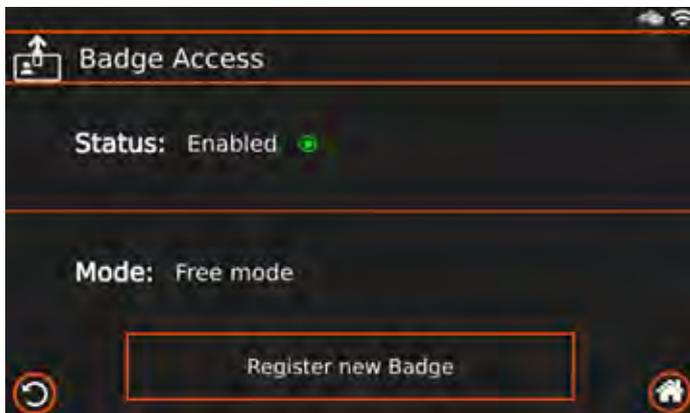
### 3.2 Registering a Badge

**Note:** The machine needs to be connected to the JTE Cloud to perform this step.

After enabling the Badge Access functionality on a machine, open the Badge Access menu under 'Machine Settings'.



Press the 'Register new Badge' button on the bottom to start scanning. Then place the badge you wish to register to your account onto the NFC reader, until it is detected by the machine.



If the registration is successful, the following window will appear, indicating that the NFC Badge you just scanned is now available on your cloud account to assign to any of your machines.



### 3.3 Assigning a Badge

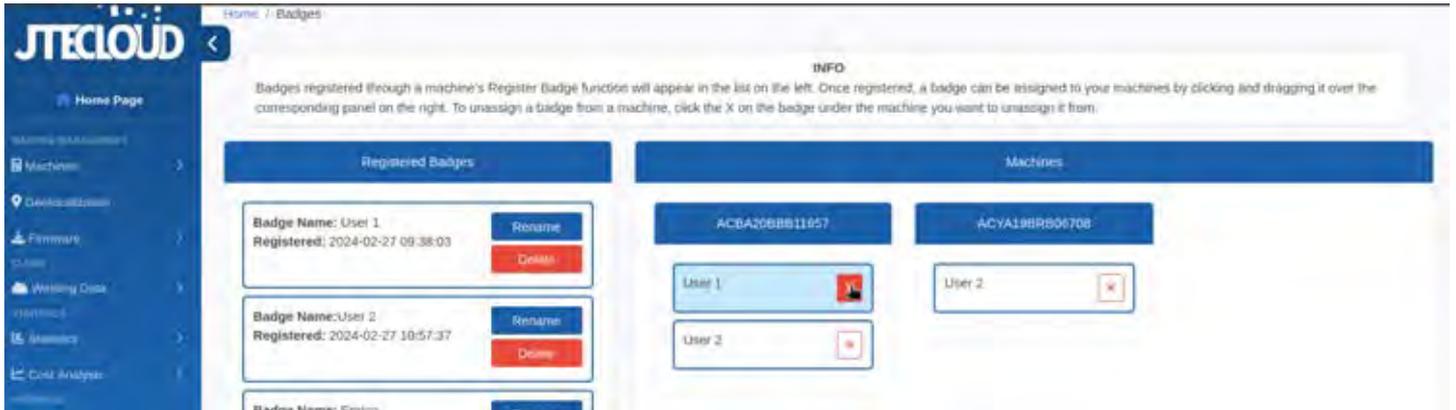
After a Badge has been registered to your account, you can view your Badge control panel in [cloud.jteurope.com](https://cloud.jteurope.com) by going on the Administration > Badges page from the left side menu.

Newly registered Badges will have a default name of “User #”, and can be renamed with the Rename button to better keep track of them. The Delete button allows you to undo the badge registration, and permanently remove the badge from your account (it can still be registered again later).

In order to use a Badge to log into a machine, the Badge must be assigned to that machine here. To do so, simply click and drag the chosen badge onto the machine that you want to assign it to, on the right side of the page.

To unassign a badge from a machine, click on the red X on the right side of the badge under that machine's badge list.





## 4. USING BADGES

### 4.1 Login and Logout

To log into a machine with an assigned NFC badge, simply place it onto the reader at any time. When the login is successfully completed, a popup with the user's name will appear on the screen.

While logged in, the Machine Settings screen will display the current user, and there will be a Logout button that can be used to log out.

Any welds made while logged in will have this Badge's name associated with it.



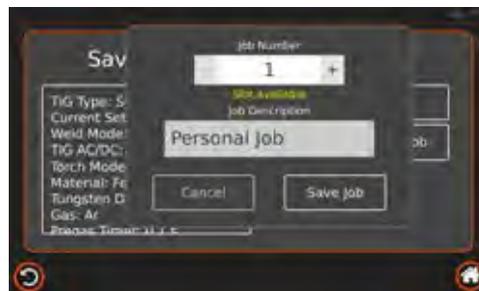
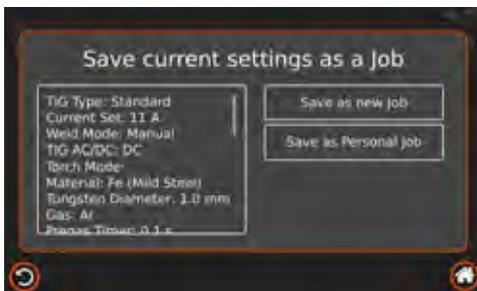
### 4.2 Saving new Jobs in your Personal Area

While logged in, you can save Jobs onto your Personal Area instead of the normal list. The Personal Area allows different users to have their own job lists without affecting each other: if a different user logs in, they will see their own Personal Jobs instead.

(Note that the jobs are still saved onto the machine, and as such logging in with the same badge onto a different machine will not carry over the Personal Job List)

In order to save a new Job as a Personal Job, simply use the 'Save as Personal Job' button on the Save Job popup window that appears after using the "Save current settings as a Job" function in the Job menu.

When loading Jobs, you can switch between the normal Machine Jobs and Personal jobs with the buttons on the right.



### 4.3 Copying Jobs between areas

You can copy Jobs from the Machine List to the Personal List on the Load Job menu. Simply select the Job you want to transfer, and press the 'Copy to Personal/Machine Area' button. A popup will appear, allowing you to change the Job's new number and description. Pressing Copy Job on that popup will confirm the operation and copy the Job.

