APPLICATION NOTE

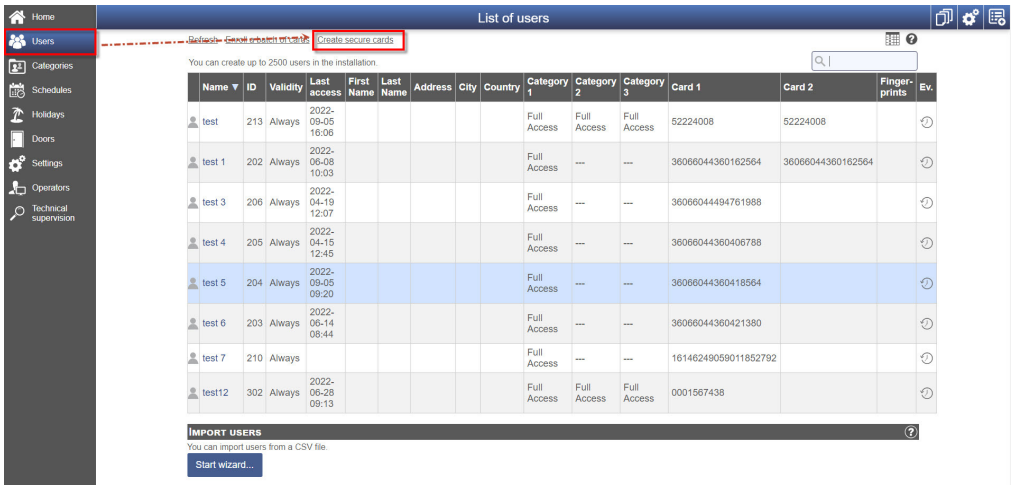
Web Access

Creating Mifare/DESFire security cards at WS4

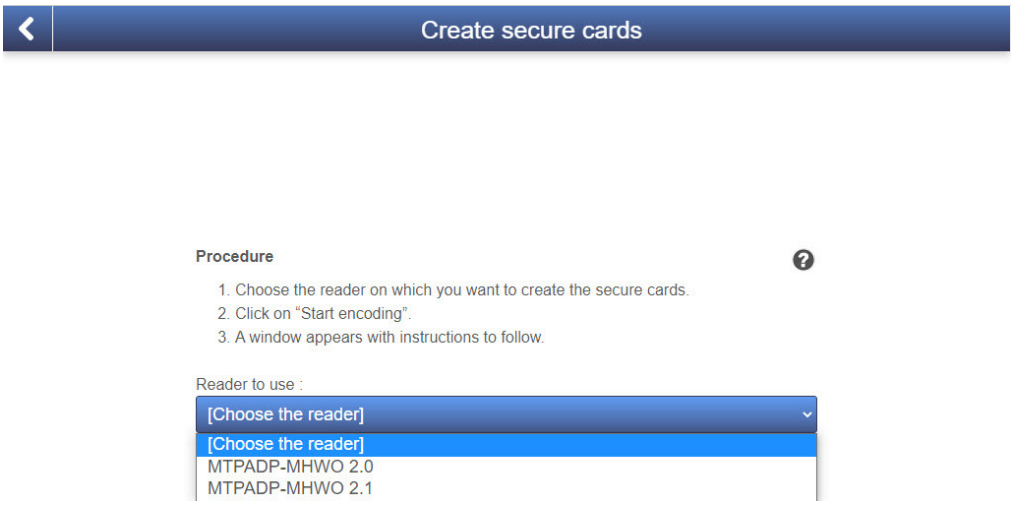
C018

1. HOW TO CREATE SECURE CARDS

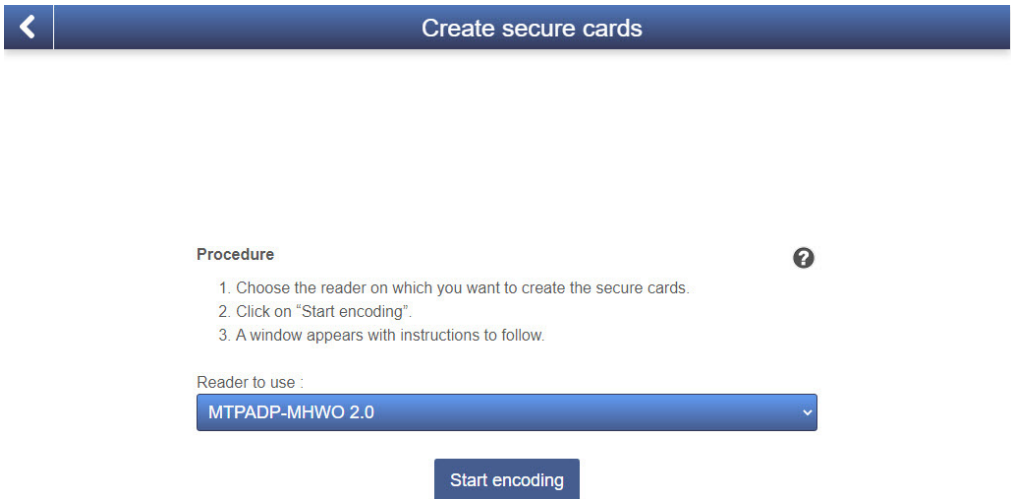
• Click on the "**Users**" tab on the left side menu to open Users screen. This screen allows you to create secure DESFire cards using one of the Mifare readers of the installation. You can create a batch of cards on the fly. Then, these cards will have to be attributed to the users of the installation via the user form or enroll a batch of cards.



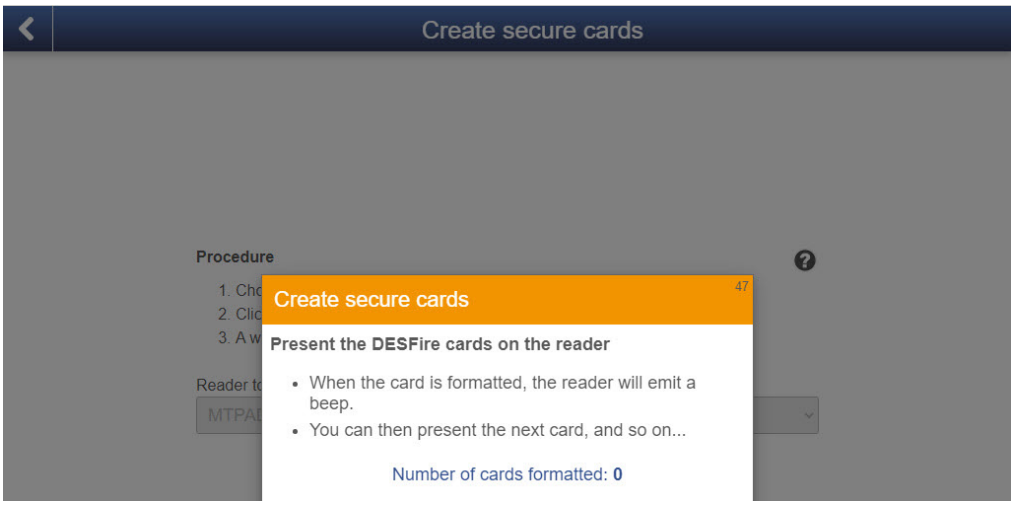
• Click on the "**Create secure cards**" tab. New window will show up. Choose the reader on which you want to create the secure cards.



• Click on the "**Start encoding**" button.



• Present the DESFire card to the reader. When the card is formatted, the reader will emit a beep. After card formatting is completed click on the "**Finished**" button.



• Once created, a secure card contains a zone (called Application), itself containing an encrypted file. The file contains a unique identifier which corresponds to the unique ID of the card (UID) proceeded by '10'. For example, if the card has the unique ID 36070309779090948, the secure zone will contain the identifier 1036070309779090948, and it is this identifier that will be read by the Mifare readers and which must therefore be attributed to the card holder.

The WS4 ONLY accepts secure DESFire cards that have been created by the system.

Make sure your reader model supports WS4 card encryption mode.

All product specifications are subject to change without notice.