

INTRODUCTION

This application note explains how to make the LCS, VKP and INOX keypads compatible with a EWS/EWSi controller and PROS software.

HARDWARE REQUIREMENTS

LCS, VKP and/or INOX keypad
EWS or EWSi access controller

SOFTWARE & FIRMWARE REQUIREMENTS

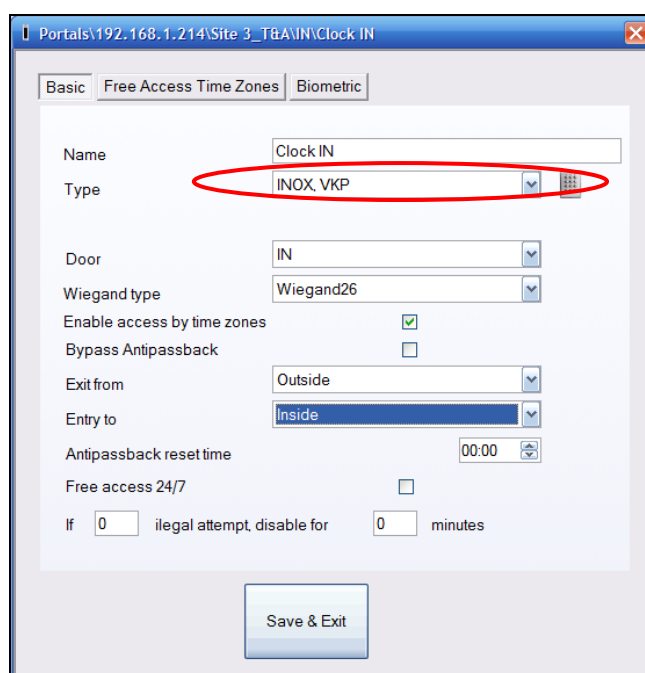
PROS ver 2.1.2 (or later)
EWS firmware ver 2.45 (or later)

SOFTWARE CONFIGURATION

After the relevant keypad (*LCS, VKP or INOX*) has been connected to the EWS/EWSi controller and the controller has been setup correctly using the PROS software follow the steps below:

- Highlight and right click on the reader and select “Properties”.
- For the reader type select the relevant keypad from the drop down list “INOX, VKP”, as shown in **Fig.1**, then click on ‘save & exit’.
- Then go to Users.
- Create a new User ,as shown in **Fig.2**, with a User ID (*card number*) and keycode.

With these settings the keypad sends the User ID (*card number*) if the PIN code typed is same as the one assigned to that user (*in the “Keycode” field*). This way, the User will always be registered by the system regardless if the Card or PIN code is being used.

**Fig.1**

IMPORTANT NOTE: This feature is implemented in the PROS software ver 2.1.2 or higher and works with EWS/EWSi firmware ver 2.45 or higher. If the EWS/EWSi controller has an older firmware version installed, then please update the firmware of the controller following the steps below:

- Highlight and right click on the controller and select “Firmware Update”.
- Click on the “Browse” button and select the file “EWS2_v2.45.xhc” (or later).
- Click on “Upload”.
- After a successful update, highlight and right click on the controller and select “Send Configuration”. Highlight and right click again on the controller and select “Reload Users”.

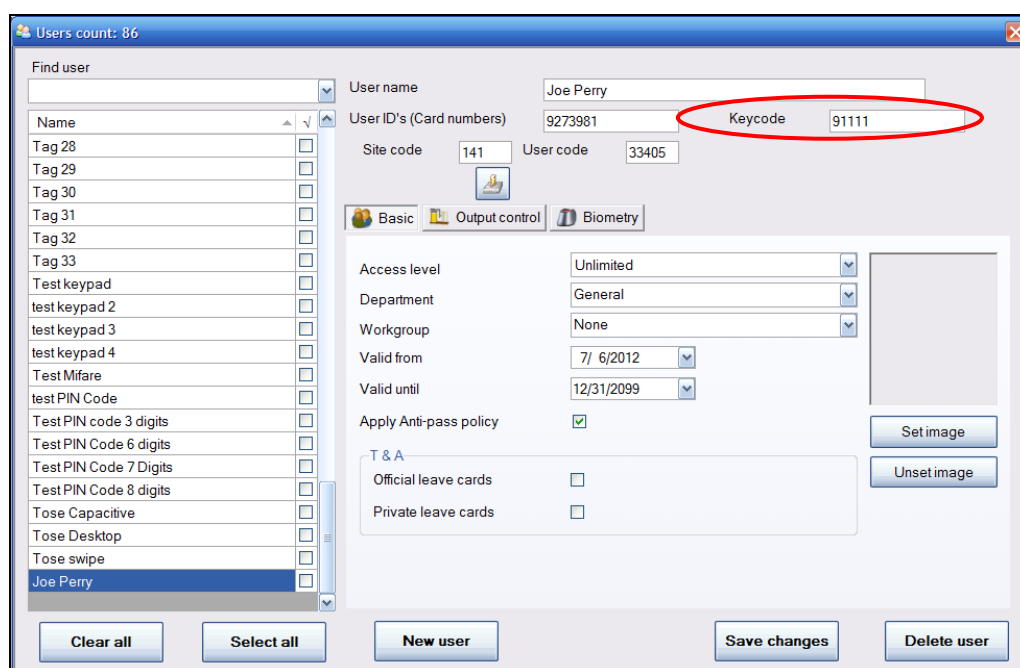


Fig.2

Please also note that in previous versions of the PROS software when an LCS, INOX or VKP keypad was connected to an EWS/EWSi controller when “Proximity” was selected from the drop down list in the PROS software as the reader type the keypad would only send the information entered into the Users ID (card) number field. This was a limiting factor in mixed networks (Card or PIN code). If the User wanted to use both Card and PIN code then two Users should have been enrolled, one with the Users ID (card) number and one with the Users Keycode (PIN code).