Setup of PROS CS, XS-K-MF-W and XS-K-MF-W-X Keypads

and XS-MF-W and XS-MF-W-X Readers

This document describes how to set up the PROS CS, XS-K-MF-W-X and XS-MF-W-X readers with Xsecure credential, and XS-K-MF-W and XS-MF-W readers without Xsecure credential. Required items:

- 1. XS-K-MF-W / XS-K-MF-W-X keypads or XS-MF-W / XS-MF-W-X readers
- 2. Latest version of PROS CS Software

3. Micro-USB cable (optional). Make sure the cable supports data transfer. If the PC cannot

- establish a connection with the reader, change the cable.
- 4. PROX-USB-X desktop reader PROX-USB XPR Group (not mandatory).
- 5. Xsecure and Mifare DESFire cards or fobs.

1.1 Right-click the reader and select "Properties".

6. A separate Mifare DESFire card if you want to configure the reader with a card.

1. CONFIGURING THE XS-K-MF-W, XS-K-MF-W-X, XS-MF-W, XS-MF-W-X READERS TO PROS CS



1.2.1 Select the correct reader type.1.2.2 Select the entry mode you need.1.2.3 Set Wiegand type to Wiegand 34.1.2.4 Click the "Configure Reader" tab.

1.6 If a micro-USB is used for configuring the reader, click the "Configure Reader" tab.

1.7 To configure the reader with a card:

1.7.1 Connect the desktop reader PROX-USB-X to the PC.

1.7.2 Place a blank Mifare DESFire card on the desktop reader.

1.7.3 Click the "Create Configuration card" tab to write the configuration on the card.

1.7.4 Power ON the reader by 12 V or USB.

1.7.5 Keep the configuration card for 5 to 10 seconds on the reader until you hear a short and long beep. After this, the reader is configured.

1.7.6 If you have more readers with the same configuration, just use the same configuration card for all readers.

1.7.7 If the card cannot be written, try to erase the card with the "ERASE CONFIGURATION CARD" tab.

1.8 Mount the reader and connect it to the Controller.



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1.2. Click the "Basic" tab to open the reader configuration, if you use both a reader with Xsecure and a reader without Xsecure.

Portals\Master_Slave_EWSI_Portal\Technical Sup	pport Slave_EWSI\D1 - 180305054\XS-K-MF-W							
Basic Free Access Time Zones Reader	Display 1							
Туре	KS-K-MF-W							
Entry Mode C	Card or Access Code	This reader has to be config	red before it					
Door	D1 - 180305054	is mounted.						
Wiegand type 🧲	Wiegand 34	Configuration process: 1. Set the reader basic	parameters.					
Enable access by time zones 🔽	Enable access by time zones 🔽 2. Click on "Configure reader"							
Bypass Antipassback 🗔		button to open confi window.	iguration					
Exit from	Entry 👻							
Entry to	Exit	15-K-MF-W0						
Antipassback reset time	00:00	Configure Reader F	rmware Update					
Free access 24/7		Serial port (COM) COM4	Reader Config					
If 0 illegal attempt, disable for 0	minutes	Change the Reader Configuration password	New password Confirm password					
Required number of valid users for access	1	13.5 MHz Settings ISO 1 125 KHz Settings Diag	4443-A (Mifare, N					
Camera	None	Backlight	R					
	Configure Reader	Green 74	×					
		Red 90	<u> </u>					

1.3 Connect the reader to the PC using a micro-USB cable. If the reader is recognised by the PC, the "Serial Port (COM)" field will show the communication port where the reader is connected, like "COM4". If there is no value in the "Serial Port (COM)" field, change the USB cable.

1.4 If you use a reader with Xsecure, select "ISO 14443-A (Mifare, NTAG)" and then select "Xsecure".

1.5 If you use a reader without Xsecure, select "ISO 14443-A (Mifare, NTAG)" and then select "CSN, no encryption".





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2. ASSIGNING THE XSECURE CREDENTIAL TO A USER MANUALLY

	In the "User ID (Card number)" field, enter the first num- ber from the Xsecure card.							
	User ID (Card number) Site code User code Wiegand 26							
	1 UI							
	8888888888 🛒 13563 24120 🎒 0 0 0							
Xsecure*	Access Code 0 Card	·						

3. ASSIGNING THE XSECURE CREDENTIAL TO A USER WITH THE DESKTOP READER PROX-USB-X

3.1 Configure the desktop reader PROX-USB-X to read the Xsecure credentials.

3.1.1 Connect the desktop reader PROX-USB-X to the PC.

3.1.2 Open the Users management window.

3.1.3 Click the "Setup PROX-USB-X" tab.

3.1.4 Set the values as in the image below and click the "Configure reader" tab. Now the reader will read Xsecure credentials.

ROX-USB-X		- 🗆 X]			
Device configuration	Card Type	ISO 14443-A (Mifare)				
Basic	Entry mode	Yeagura				
Commands	Ling mode	ASecure				
Properties			1		PROX-USB-X	Setup PROX-USB-X
	ID bit count	32				
	Configure reader					
	Serial port (COM) COM3					
User ID (Card number	r) Site code User	code Wiegand 26	Туре	3.	2 Read the card	I with a desktop reader.
	1			- 3.	2.1 Place the ca	rd on the PROX-USB-X deskto

4.	ASSIGNING THE MIFARE	CREDENTIAL T	O A USER WI	TH THE DESKTO	OP READER	PROX-USB-X

reader and click the "Get card ID" icon. The Xsecure

ID will be written in the "User ID" field.

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4.1 Configure the desktop reader PROX-USB-X to read the Mifare credentials.

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Get card ID

4.1.1 Connect the desktop reader PROX-USB-X to the PC.

Card

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4.1.2 Open the "Users" management window.

4.1.3 Click the "Setup PROX-USB-X" tab.

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Access Code

4.1.4 Set the values as in the image below and click the "Configure reader" tab. Now the reader will read Mifare credentials.

🛃 PROX-USB-X			- 🗆 X					
Device configuration	Card Type	ISO 14443-A (Mifare)	•					
Basic	Faturate							
Commands Properties	Entry mode Convert 7 bytes Mifare UID to 4 byte NUID using NXP conversion algorithm.	CSN, no encryption				PROX-USB-	X Setup	PROX-USB-X
	ID bit count	From card	•					
	Configure reader							
	Senal port (COM) COM5							
	User ID (Card nu	mber) Site	code Use	r code	Wi	egand 26	Туре]
	35284996	≪· <u>=</u> -9 4			1730564	26 26628		رهيا ا

4.2.1 Place the card on the PROX-USB-X desktop reader and click the "Get card ID" icon. 4.2.2 Mifare ID will be written in the "User ID" field.



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