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Setup of PROS CS, XPRO readers with Xsecure credentials and without Xsecure credentials

This document describes how to set up the PROS CS, Xpro readers with Xsecure credentials, and Xpro readers without Xsecure credentials. Required items:

1. XP-K-MF-W / XP-K-MF-W-X

- 2. XP-K-MFBT-W / XP-K-MFBT-W-X
- 3. XP-MF-W / XP-MF-W-X
- 4. XP-MFBT-W / XP-MFBT-W-X
- 5. XPM-MF-W / XPM-MF-W-X
- 6. XPM-MFBT-W / XPM-MFBT-W-X
- 7. PROS CS Software v. 6.2.0.0 or newer.

8. USB C-type cable (optional). Make sure the cable supports data transfer. If the PC cannot

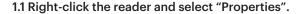
establish a connection with the reader, change the cable.

9. PROX-USB-X desktop reader PROX-USB-X (not mandatory).

10. Xsecure and Mifare DESFire cards or fobs.

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

1. CONFIGURING THE XPRO READERS TO PROS CS



E- 20 D1 - 180	•••	-	
D2 - 180	1 00	Properties	
	-()	Report	•
🕀 🤸 Inputs	T	Camera	•
🕀 🛄 Outputs	_		

- 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.

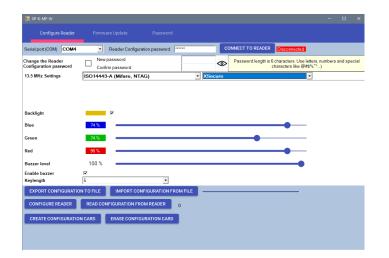


1.2 Click the "Basic" tab to open the reader configuration if you use a reader with Xsecure.

Portals\Master_Slave_EWSI_Portal\Technical Su	upport Slave_EWSI\D2 - 180305054\XP-K-N	AF-W		
Basic Pree Access Time Zones	2			
Name	XP-K-MF-W	_		
Туре		ح		
Entry Mode	Cuard or Access Code		This reader has to be config	gured before
Door	D2 - 180305054	•	is mounted. Configuration process:	
Wiegand type	Wiegand 34		1. Set the reader basi	
Enable access by time zones 🔽			Click on "Configure button to open con	
Bypass Antipassback 🕅			window.	ingulation
Exit from	Exit	•	20-45-MR-400	
Entry to	Entry	•		
Antipassback reset time	00:00	*	Configure Reader	Firmware Update
Free access 24/7			Serial port (COM) COM4	Reader Co
If 0 illegal attempt, disable for 0	minutes		Change the Reader Configuration password	Confirm password
Required number of valid users for access	1			D14443 A (Mifore
Camera	None	•	120 KHZ Settings	astend
	Configure Reader	_	Backlight	P
	Conligure Reader		Blue	74%
			Green	24.%
			Red	90 %
			Buzzer level 1 Enable buzzer	100 %
			Keylength 5	
			EXPORT CONFIGURATION TO	FILE MPOR
			Product Web Page	
?		Save & Exit		

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".

🔛 XP-K-MF-W		
Configure Reader		
Serial port (COM) COM4	Reader Configuration password CONNECT TO READER Disconnected	
Change the Reader Configuration password	New password Confirm password Confirm password	ecial
13.5 MHz Settings	ISO14443-A (Mifare, NTAG) CSN, no encryption	
Backlight		
Blue	74%	
Green	74%	
Red	90 %	
Buzzer level	100 %	
Enable buzzer Keylength	F 5	
EXPORT CONFIGURATION	IN TO FILE IMPORT CONFIGURATION FROM FILE	
CONFIGURE READER	READ CONFIGURATION FROM READER 0	
CREATE CONFIGURATION	N CARD ERASE CONFIGURATION CARD	



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 CONFIG CARD" tab.

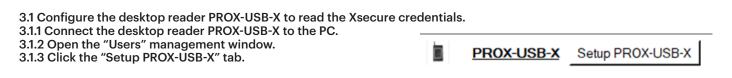
1.8 Mount the reader and connect it to the Controller.

2. ASSIGNING THE XSECURE CREDENTIAL TO A USER MANUALLY

In the "User ID (Card number)" field, enter the first number from the Xsecure card.

	User ID (Card number)		Site code	User code		Wiegan	126
					IC)1	
	88888888	=	1356	22072	50028	08 76	2207
	Access Code	[0	Card			

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



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

💀 PROX-USB-X				-		×
Device configuration	Card Type		ISO 14443-A (Mifare)			•
Basic	Entry mode		XSecure		1	
Commands			Noccard		1	
Properties						
	ID bit count Configure reader		32			
	Serial port (COM)	COM3				



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3.2 Read the card with the desktop reader.

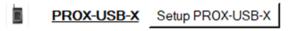
3.2.1 Place the card on the PROX-USB-X desktop reader and click the "Get card ID" icon. The Xsecure ID will be written in the "User ID" field.

User ID (Card number)	Site code	User code	V	Viegand	26	Туре	
		ID 1	100				- 44
96552211 🔶	g		1266613	193	17683	۱	
Access Code	0	Card	Get card ID		-	<u> </u>	

4. ASSIGNING THE MIFARE CREDENTIAL TO A USER WITH THE DESKTOP READER PROX-USB-X

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

- 4.1.1 Connect the desktop reader PROX-USB-X to the PC.
- 4.1.2 Open the "Users" management window. 4.1.3 Click the "Setup PROX-USB-X" tab.



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			_	×
Device configuration	Card Type	ISO 14443-A (Mifare)		•
Basic	Entry mode	CSN, no encryption	.	
Commands	Convert 7 bytes Mifare UID to 4 byte NUID using NXP conversion algorithm.			
Properties				
	ID bit count	From card		•
	Configure reader			
	Serial port (COM) COM5			

4.2 Read the card with the desktop reader.

4.2.1 Place the card on the PROX-USB-X desktop reader and click the "Get card ID" icon.

4.2.2 The Mifare ID will be written in the "User ID" field.

User ID (Card number)	Site code	User code		Wiegand	126	Туре	
		ID	<u> </u>				
35284996	} 0		1730564	26	26628	رو س	
Access Code	0	Card	Get card ID		-		

