CM439B USB Smart Card Desktop Reader





Security Systems

EN User Guide



CM439 USB Smart Card Desktop Reader

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Installing The CM439B Module

These instructions assume that your computer is turned on and you have installed the Site Manager or Solution Link software. You should be located at the main menu of Site Manager or Solution Link.

1. Connect the USB cable between the PC computer and the CM439 B module.

Windows will attempt to identify the new hardware and install the necessary drivers. If windows is unable to locate the driver then you will need to manually install it. See installing the driver in the next section for more details.

Learning User Credentials Via Smart Card Reader

Before learning token or card information, select the customer from the Site Manager or Solution Link database that you wish to add user tokens.

If you are adding credentials to an existing system it is recommended that you first connect to the control panel and upload the current configuration before making any changes.

1. Select and highlight the Card/ Token ID field for the first user that you want to add a new token - See Figure 1.

ile Panel 1 A Danel 1 Baok Cancel	Save Print	Connect	Answer Set Time Service	J _{III} III ^J Upload Bownioa	i Interactive Key	ii pad	Log Divider	Pane	el
Access	Areas	Inputs	Outputs Co	mms Dev	ices Sy	stem			
Summary	Detail	User:	001 - User 1 Name		Panel	Solution	n 16plus Rev 1.1	3.00	D
- User Propert	ies	User	User Name	Pin Code	RF Keyfob	Card/Token Label	Card/Token ID	Area 1	1.
User Nar	ne	001	User 1 Name	2580				1	
- Access 0	àroup	002	User 2 Name					1	
RF Keyfo	ıb	003	User 3 Name					1	
Card/Tol	ken ID	004	User 4 Name					1	
Area Ass	ignment	005	User 5 Name					1	
Timer Gr	ions	006	User 6 Name					1	
- I mer Group		007	User 7 Name					1	
PIN Lend	ath	008	User 8 Name					1	
PIN Retr	y Count	009	User 9 Name					1	
Installer F	PIN	010	User 10 Name					1	
PIN Expi	re Time	011	User 11 Name					1	
Prox Reader		012	User 12 Name					1	
Name		013	User 13 Name					1	
Area Ass	ignment	014	User 14 Name					1	
Beader (Intions	015	User 15 Name					1	
i leadel d	a provinsi	016	User 16 Name					1	Ξ.
		1	1						•



2. To add a token, press F11 on the computer keyboard (when using Site Manager), or press F12 on the computer keyboard (when using Solution Link).

A pop-up box will display with three different options - Cancel, Info and Skip.

Cancel - select this option when you have finished adding tokens or cards.

Info - displays the desktop reader software version.

Skip - select this option when you wish to skip a user when adding consecutive tokens or cards.

3. Now present the first token to the desktop reader.

As you add each token, both the Card-Token ID and Card-Token Label fields will identify the new token.

The Card Token ID identifies the token ID, whereas the

Card Token Label allows easy external identification and should match the ID number located on the token itself.

File Panel	Tools Help								
Baok Cancel	Save Prin	Connect	Answer Set Time Service	JIII III J Upload Downloar	i Interactive Keş	II pad I	Log Divider	Pane	el
Access	Areas	Inputs	Outputs Co	omms Dev	ices Sy	stem			
Summary	Detail	User:	001 - John Smith		Panel	Solution	n 16plus Rev 1.1	3.00	D
E-User Proper	rties e	User	User Name	Pin Code	RF Keyfob	Card/Token Label	Card/Token ID	Area 1	4.
- User Na	ame	001	John Smith	2580		2	1800F88A30	1	
Access	Group	002	Fred Smith					1	
- RF Keyf	iob	003	Susan Smith					1	
Card/Token ID Area Assignment User Options Timer Group Clabel Decention		004	Lisa Smith					1	
		005	User 5 Name					1	
		006	User 6 Name					1	
		007	User 7 Name					1	
PIN Ler	ath	008	User 8 Name					1	
- PIN Ret	try Count	009	User 9 Name					1	
Installer	PIN	010	User 10 Name					1	
PIN Exp	pire Time	011	User 11 Name					1	
 Prox Reader Name Area Assignment Access Group Daste and a Calination 		012	User 12 Name					1	
		013	User 13 Name	2				1	
		014	User 14 Name					1	
		015	User 15 Name					1	
neauer	opuons	016	User 16 Name					1	

Figure 2: Solution Link - Token ID



Figure 3: PR301 Token Showing Token Label

- 4. To add a token to the next user, simply present the next token or card.
- 5. When you have finished adding tokens or cards, press 'Cancel' in the pop-up box.

If you are adding tokens or cards to random users, then repeat both steps 1, 2, 3 and 5 until all tokens required have been added.

6. Save the changes made, then download the new user token/card ID's to the control panel.

Site Manager or Solution Link software will notify if there are duplicate token ID's assigned to users when saving programming changes.

FIN	Code	RF Keytob	Card/Token Label	Card/Token ID	Fingerprint Label	Area 1	A
258 P	anel Pro	gramming Eri	rors	0400040.054		x	1
000		l	Total programm Details of errors :	ing errors: 9 shown below.			
222 000	Sectio	n			Total		
	U	ser 999 - Installe	er [1234]				
111	D	uplicate Prox	Token		7		
00	U	ser 001 - User 1	Name [010924[08F1] and		=	
1		ser UI 3 - User I	3 Name [010924	108-1]			
	U: U:	ser 013 - User 1 ser 014 - User 1	3 Name [010924 4 Name [010924	1D8F1] and 1D8F1]			
2		ser 014 - User 1 ser 015 - User 1	4 Name (01092) 5 Name (01092)	1D8F1] and 1D8F11		-	
		Do	you still wish to	save changes?			
13			Yes	No			

Figure 4: Solution Link - Duplicate Token Warning

Printing The User Card Number Report

The 'Panel User Card Number Report' can be used to simplify the task of distributing credentials to a large number of users. This report details the user names and the corresponding encrypted token or card label.

1. Select the Print tab in the menu bar.



Figure 5: Solution Link - Print Panel Reports

- 2. Select the 'Panel User Card Number Report' for the type of report to print.
- 3. Select the output type required (eg. Select Printer to directly print the report or PDF to save the report in PDF file format and then print later).
- 4. Press OK to print the report.

USB Smart Card Desktop Reader Use	er Guid	1
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User Cards Summary Report For Customer: 7-765 Solution 6000 v2.17 Panel: Solution 6000 Rev 2.17.00	1de 24 Feb 2013 - 03.03 AW
liser liser Name Card/Token Label	
001 John Smith DF-489PF	1. 1.1
002 Fred Smith DF-42YBG	
003 Susan Smith DF-52DD6	21
004 Lisa Smith DF-5MZBY	
005 User 5 Name	(C)
006 User 6 Name	
007 User 7 Name	
008 User 8 Name	
009 User 9 Name	31. Xe
010 User 10 Name	
011 User 11 Name	127. 127.
012 User 12 Name	
013 User 13 Name	3 ₂
014 User 14 Name	
015 User 15 Name	
016 User 16 Name	
017 User 17 Name	
018 User 18 Name	(P)
019 User 19 Name	
020 User 20 Name	
021 User 21 Name	
022 User 22 Name	
023 User 23 Name	47) 1
024 User 24 Name	
025 User 25 Name	
026 User 26 Name	3 ₂
027 User 27 Name	
028 User 28 Name	
029 User 29 Name	
030 User 30 Name	
031 User 31 Name	3.
032 User 32 Name	4.
033 User 33 Name	
034 User 34 Name	
035 User 35 Name	
036 User 36 Name	
037 User 37 Name	
038 User 38 Name	
039 User 39 Name	
040 User 40 Name	
041 User 41 Name	
042 User 42 Name	
043 User 43 Name	
044 User 44 Name	14.) 21.1 21.1

Figure 6: Solution Link - Sample Token Report

E&OE

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Compatable Cards and Tokens



PR301: Smart Card Blue 13.56mhz ISO14443A



PR350: ISO Smart Card 13.56mhz ISO14443A



PR353: ISO Smart Card - White - Punched Short Edge



PR354: ISO Smart Card - White - Punched Long Edge



PR365: Stick on Smart Card 13.56mhz ISO14443A



PR370: Dual credential EM + Smart Card

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