INSTALLATION / USER MANUAL NFCReader module

HEYYOU, LETME HELP!

Share, inspire, have fun! With CTOUCH by your side.



CTOUCH[®]

CONTENT

Preparing for installation	3
Install the NFC software	3
Register cards	5
Errors messages	6
Detailed information for personalized setup	6

NFCReader module

PREPARING FOR INSTALLATION



Download the zip-file from our support center.

Open the zip-file.

Extract the file from the downloaded zip-file.

INSTALL THE NFC SOFTWARE



Click on the CTOUCH NFC installer icon to start the installation.



CTOUCH NFC WinLogon Setup Progress Processing: Microsoft.NET Framework 4.7.2 Cancel

Wait until the installation is completed.

CTOUCH NFC Winlegen		-	×
Welcome to the C Wizard	TOUCH NFC Winlogo	n Setup	-
The installer nill guide you two computer.	sigh the steps required to install CTO	NOH NFC Winksgor	an you
WINTERPORT This computer pro Unsufficient displication or di or criminal penalters, and will be	igram is pectacled by copylight law a rebution of this program, or any politi a prosecuted to the maximum extent	nd international tead on of it, may result in possible under the b	es. arvene civil
	Contraction (Nexts	Carcel

Click on 'Next >'.



Click on 'Next >'

Click on 'Install'.

a See chapter 4 for more explanation about these fields.

COUCHE Wineput – X CTOUCH NEC Configuration

Click on 'Next >'

a See chapter 5 for more explanation about these fields.





a See chapter 5 for more explanation

about these fields.

Click on 'Next >'



a Make sure you keep the setting on

that specific user.

'Everybody'. If you change it, the NFC software will only work for

Click on 'Next >'



Click on 'Next >'

CEDCHIFC Wentagen

Wait till the installation is finished.



Click on 'Close' to exit the installer.

CTOUCH NFC WinLogon Installation Successfully Completed

Click on 'Close' to exit the installer.

Share, inspire, have fun! With CTOUCH by your side.

NFCReader module

REGISTER CARDS

Below you will find the steps you will go through when creating an NFC card successfully. Please look at Step 4 for the possible errors you might encounter. In chapter 5 you can find the customization options.







Allow this app to run as administrator by clicking on 'Yes'.

Ucomano		
Username		
Password	Password	
	Show p	assword

Your now **presented with** the NFC reader application.

Username	стоцен
- Juli Harrie	00001
Password	
	Show password

Fill in the credentials of the computer user you want to create an NFC card for.

Isemame	стоисн	
Password	ct123	
	 Show 	password
CANCE	L	CONTINUE

If you want to see the entered password, **tick the tick box** to show the information.



5

Click on continue.



Wait till the validation is completed.



Place a new NFC-card against the card reader.



The card has been written successfully.

a. **Click on** 'another' to write another card or click on 'close' to close the application.

CTOUCH[®]

ERRORS MESSAGES

During the process of creating NFC cards some errors may occur. Below you will find an overview of the possible errors you can get and the solution.

CONNECT	NFCCARD	
semame	стоисн	
Password	ct124	
	Show password	
CANCE		

If you filled in the wrong credentials, the filled in credentials will be marked red. You need to **fill in** the correct credentials to continue.



When no card was presented to the NFC module within the 10 seconds time frame, the following message will be shown. **Click on** Try Again and place an NFC card against the NFC module, within the given time frame.



If you remove the card too early, the following message will be shown. **Click on** Try Again and place the NFC card against the reader again. Keep it there until the card has been written successfully.

CONNECT NFC C	ARD	8
A	This is not the ri type of card.	ght
BACK	TRY AGAIN	

6

When you use an NFC card which is not the right type of NFC card, the following message will be shown. Make sure you use NFC cards which are compatible with the CTOUCH NFC reader/writer module. Please see the tech data sheet for these details.



If the required sector on the presented card is already in use, the following message will appear. Try to move the content on that sector or reinstall the NFC software to change the sector which is being written to.

a. See chapter 5 for more information about sectors.

DETAILED INFORMATION FOR PERSONALIZED SETUP

During the installation you can change the settings of the NFC software, customize your NFC cards and protecting it even further. Please find the settings you can change below.

W contract of the second secon	^
CTOUCH NFC Configuration	1
Please validate and update the configuration items below and press Yest 2'to continue.	
NFC Reader/Viller Port	
130	
NFC Reader/Writes Baud	_
p	-
(Back Next) Carce	

NFC Reader/Writer Port

Settings about the USB-port which is used for the NFC module. The default value is 100. Do not change this setting!

NFC Reader/Writer Baud

The speed which is used to communicate between the display and the NFC module. The default value is 0. Do not change this setting!

Share, inspire, have fun! With CTOUCH by your side.

NFCReader module

CTOUCH NFC Configuration	
Please validate and update the configuration items beto	or and press 'Next >' 'to continue.
NFC stokage sector	
P.	
1	
Excuption/Lev block 2	
2	
2 Sector Protection Xey	

NFC storage sector M1 NFC cards

This indicates the sector on which the required information is being saved onto the NFC card. It is advised not to change the sector, only if you will use the cards for other purposes who are using the same sector. The default value is 0.

For the CTOUCH NFC card you can choose a sector between 0 and 15. If you will use another NFC card, you need to look at the specification of the NFC card you are using which sectors are available.

Encryption Key (block 1)

The first block out of two blocks which is needed to save the key onto the NFC card.

You can fill in the following blocks: NFC Storage Sector 0 = block 1 or 2. NFC Storage Sector 1 till 15 = block 0, 1 or 2. Please note: if you have selected NFC Storage Sector 0, you cannot choose 0 for this block.

Encryption Key (block 2)

The second block out of two blocks which is needed to save the key onto the NFC card.

You can fill in the following blocks: NFC Storage Sector 0 = block 1 or 2. NFC Storage Sector 1 till 15 = block 0, 1 or 2. Please note: if you have selected NFC Storage Sector 0, you cannot choose 0 for this block.

Sector Protection Key

This key can be changed in order to create your own personalized Sector Protection Key. This means that the sector on the card, which is being used to write the content to, is being protected with your own personal Sector Protection Key. We advise you to change the Sector Protection Key.

You need to fill in 6 numbers between 1 and 255. Please note that this key needs to be the same on all the devices, on which you want to have access to with your NFC cards.

		-		×
CTOUCH NFC Configu	uration			-
Please validate and update the config	putation items below and press %	lext >' to cont	inue.	
NFC Declee master key				
194, 106, 155, 160, 17, 236, 114,	232, 211, 120, 4, 73, 129, 100,	7,130		
NFC Decles key number				
F				_
0				
10 NET deside alone id				
NFC Application id				_
0 NPC Application id (0. 0. 1				-
I ⁰ NPC Application id [0. 0. 1 NPC Credential file id				_
0 NFC Application id 0. 0. 1 NFC Cindential He id 1				_
0 NPC Application id (0. 0. 1 NFC Credential file id (1				

NFC DESfire master key

The key with which the DESfire card is encrypted. We advise you to change the default master key. The default size is 16 numbers of a maximum of 3 characters per number.

NFC DESfire key number

The ID of the DESfire master key. The default value is 0.

NFC Application id

The ID of the login application. One card can support multiple Applications (or purposes). To make a distinction between the application, you can use this ID. The default value is 0, 0, 1.

NFC Credential file id

The ID of the file in which the log-in details are being saved. The default value is 1.



Share, inspire, have fun! With CTOUCH by your side.

ctouch.eu