YellowFox NFC Tool

NFC-tags (memory cards based on NearFieldCommunication-technology) are beiing used to transfer data between the memory medium and a reader.

The program "NFC Tool" gives you the ability to write special informations to NFC-tags that are used in the "YellowFleetApp" on android based devies. There are three information types to write on the tags: textual information, a special information for identifying a person and a special information to identify a drivers license.

nhaltsverzeichnis			
 PC 			
Compatible Hardware			
Installation			
Hardware			
 Software 			
Using			
 Function "Text auf NFC-Tag schreiben" 			
 Function "NFC-Personalkarten beschreiben" 			
 Function "NFC-Tags zur F ührerscheinkontrolle beschreiben" 			
Updates			
Help / Support			

Installation requirements

PC

To install the software a Windows based personal computer with the following minimum configuration is required:

- operating system Windows XP or newer (32bit oder 64bit)
- .NET-Framework 4.0 installed
- 10MB free disc space

Compatible Hardware

This software can only be used with special reader-hardware. A NFC-reader from company "Identive" is nessesary. These are tested compatible products:

- SCL3711 (USB-stick)
- SCL010 (desktop-reader old version)
- uTrust 3700 F / CLOUD 3700F (actual desktop-reader)

Please contact the support when using other hardware from the company "Identive".

Installation

Hardware

Working with a NFC-reader is simple but requires a unit-specific driver to work with the software. Using the build in Windows-driver is not recommended. The setup procedure has an option to copy the needed device drivers to the application directory. Its also possible to download the drivers from these sources.

This list shows the working drivers for the devices above.

Device	Driver	Download
SCL3711	SCL3711_INST_WIN_EN_V1. 12_00004040001	http://support.identive-group.com/download.php?ref=support&file=driver /SCL3711_INST_WIN_EN_V1.12_00004040001.zip
SCL010	SCL010_win_installer_V1.07	http://support.identive-group.com/download.php?ref=support&file=driver /SCL010_win_installer_V1.07.zip
uTrust 3700 F / CLOUD 3700F	uTrust_DRV_WIN_EN_V1.6.0.0	http://support.identive-group.com/download.php?ref=support&file=driver /uTrust_DRV_WIN_EN_V1.6.0.0.zip

Software

For installing the software "NFC-Tool" a setup-guide is available. The application will be installed on the harddrive in the folder "C:\YFSuite" and gives you the option to generate desktop links and quick-launch links.

Setup - YellowFox NFC Tool				
	Willkommen zum YellowFox NFC Tool Setup-Assistenten			
	Dieser Assistent wird jetzt YellowFox NFC Tool Version 1.0.2.3 auf Ihrem Computer installieren.			
	Sie sollten alle anderen Anwendungen beenden, bevor Sie mit dem Setup fortfahren.			
	"Weiter" zum Fortfahren, "Abbrechen" zum Verlassen.			
	Weiter > Abbrechen			

Using

If the application is installed correctly and a NFC-reader is found the number of readers ist shown in the right upper corner. Now the software is ready to READ a NFC-tag.

VFC Tool					
<u>D</u> atei <u>B</u> earbeiter	n <u>F</u> unktion <u>?</u>		Anzahl der NFC-Geräte: 1		
Text	Personalkarten	Führerscheinkarten			
Tex	kt-Inhalt des NFC-Tags	tesen	-		
Bitte NFC-Tag an Lesegerät halten.					

The software delivers three functions to the user. You can switch these functions by using the menu item "Funktion" or by clicking the appropriate tab.

Funktionen

- Function "Text auf NFC-Tag schreiben"
- Function "NFC-Personalkarten beschreiben"
- Function "NFC-Tags zur Führerscheinkontrolle beschreiben"

Function "Text auf NFC-Tag schreiben"

This function is used to read or write textual information to NFC-tags. By clicking the direction arrow the mode can switched.

When holding a NFC-tag near the reader in "read mode" the information saved on the tag is displayed in the text box left to the arrow.

When holding a NFC-tag near the reader in "write mode" the text from the text box will be write to the NFC-tag. Existing information on the NFC-tag will be overwritten without warning.

read mode	write mode
VFC Tool	💛 NFC Tool
Datei Bearbeiten Funktion ? Anzahl der NFC-Geräte: 1	Datei Bearbeiten Funktion ?
Text Personalkarten Führerscheinkarten	Text Personalkarten
Bitte 3 Container von der Baustelle abholen.]	Bitte 3 Container von de Baustelle abholen.
Ritte NEC Tag an LonggerSt balten	Bitto NEC Top on Longerät holton
	Lesegerat nation.

The status bar at the bottom of the application shows the actual action.

The menu item "Bearbeiten" can used for copy text from the text box to the clipboard oder paste text from clipboard into the text box.

Function "NFC-Personalkarten beschreiben"

This function is used to create YellowFox personal identification cards. When holding a NFC-tag near the reader the personal identification number will directly written to the NFC-tag. Existing information on the NFC-tag will be overwritten without warning.

VFC Too	VFC Tool					
<u>D</u> atei <u>I</u>	<u>B</u> earbeiten	<u>F</u> unktion	2	_	Anzahl der NFC-Geräte: 1	
Tex	xt	Persor	nalkarten	Führerscheinkarten		
		[Personalnummer:	0450A7D2872A80	
Personal	Personalnummer erfolgreich geschrieben: 0450A7D2872A80					

The personal identification number is shown in the text field "Personalnummer" after successfully written to the NFC-tag. The content of this text field can be send to the clipboard using the menu item "Bearbeiten" – "Kopieren".

The status bar at the bottom of the application shows the actual action.

Function "NFC-Tags zur Führerscheinkontrolle beschreiben"

This function is used to create NFC-tags that can used with the YellowFox system to provide checking of a drivers license. When holding a NFC-tag near the reader the card number will directly written to the NFC-tag. Existing information on the NFC-tag will be overwritten without warning.



The card number is shown in the text field "Kartennummer" after successfully written to the NFC-tag. The content of this text field can be send to the clipboard using the menu item "Bearbeiten" – "Kopieren".

The status bar at the bottom of the application shows the actual action.

Updates

To search for application updates, the menu item "?" – "Info" can used. A dialog with the current installed version ist shown and it provides a button to search for updates. Additionally a update check on every application start is built in.

VFC Tool	-		x
	YellowFox NFC Too Version: 1.0.2.3 © 2015 YellowFox GmbH All Rights Reserved.	bl	
Nach Updates su	chen	Schliel	Sen
no updates found			update found
Vpdate	allow MEC Tool	×	Vpdate
Zur Zeit sind ke	ine Aktualisierungen verfügbar.		Es sind Aktualisierungen verfü Version installiert: 1.0.2.0 verfügb
	Schließe	n	Update installieren

If an update is available the button "Update installieren" schould used to install the update. When pressing this button, the application exits and calls the update-setup.

Help / Support

To get help, please contact to:

YellowFox GmbH

Am Wüsteberg 3 01723 Wilsdruff OT Kesselsdorf

Tel: +49 (0) 35204 270-100

Fax: +49 (0) 35204 270-433

eMail: info@yellowfox.de