PC APPLICATION INSTALLATION INSTRUCTIONS

REVISIONS

DATE	REVISION	MAIN CHANGES
2018/03/02	Edition 1.0	First release
2019/03/01	Edition 1.1	Increase of operating speed
2019/07/11	Edition 1.2	Added link functionality

DOCUMENT LAYOUT

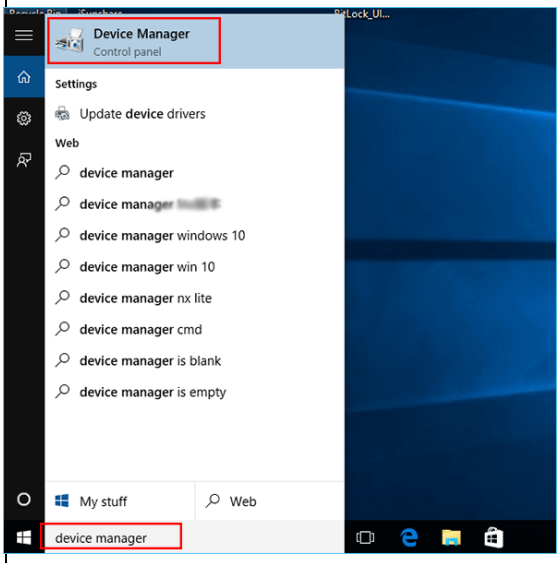
- Introduction
- Installation Instructions
- Download
- Troubleshooting
- Main Changes

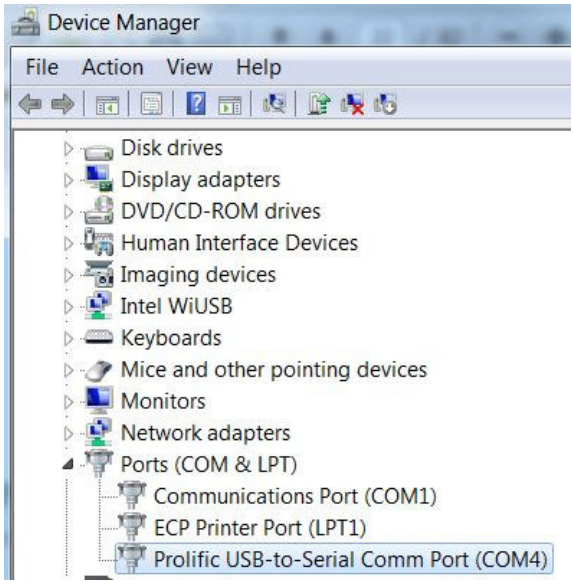
Introduction

This document describes the installation of software for data exchange with NFC tags provided by Gimatic. RQCBOX is required to interface the software and the reader. Look at step 8 of the installation instructions.

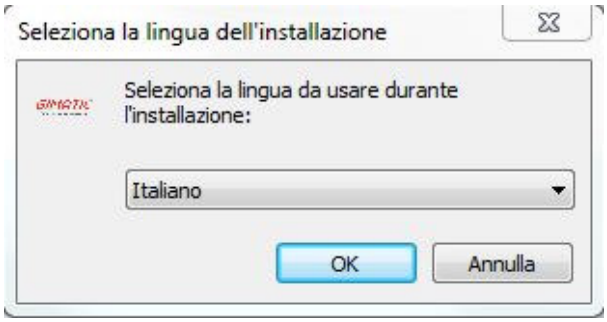
Installation Instructions

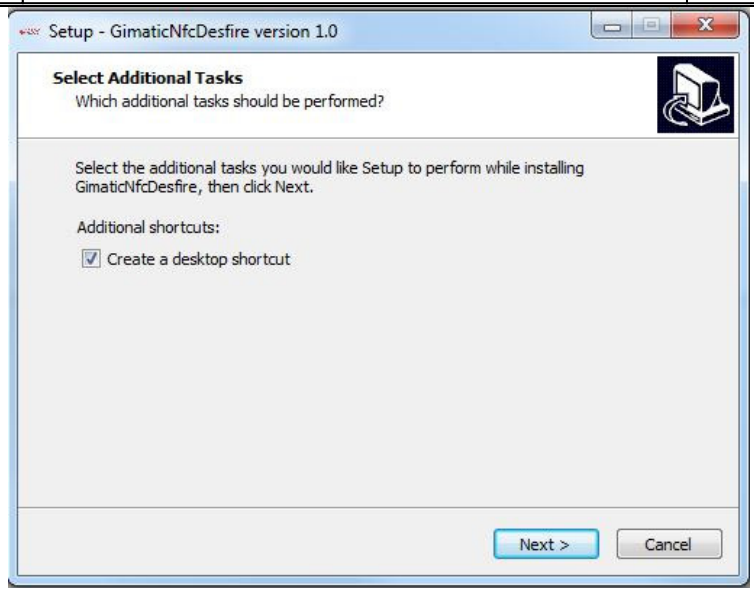
1. Connect USB to serial cable to your PC/laptop and assure the system correctly detects the HW (see images below)

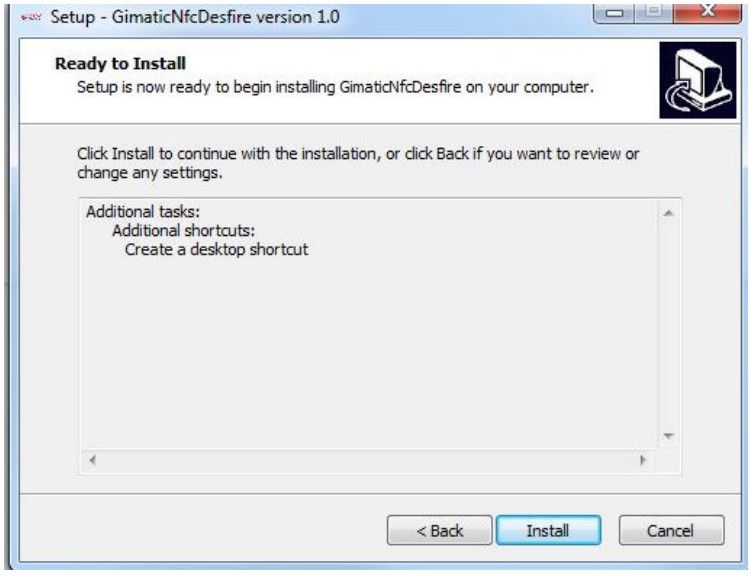


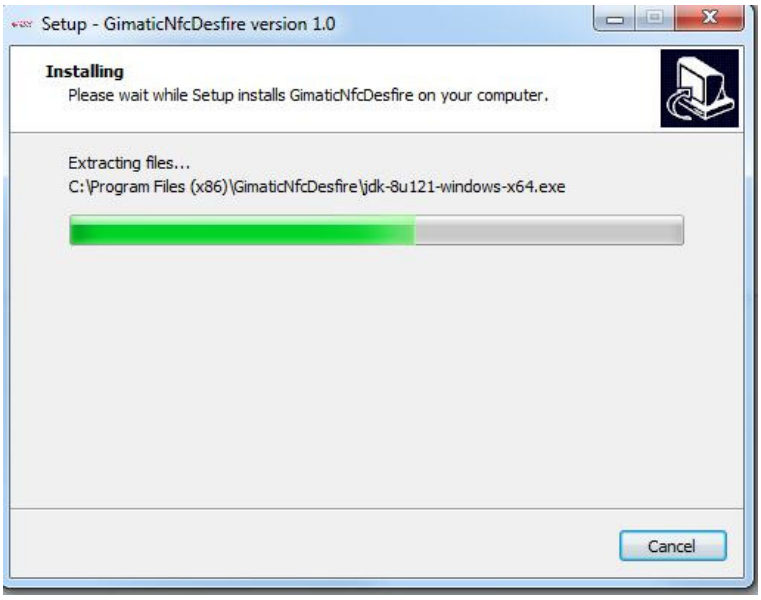


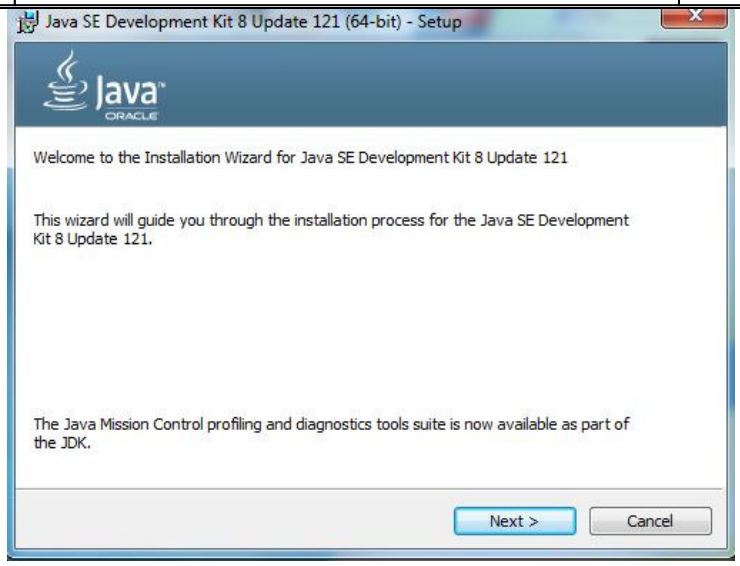
2. If the system does not recognize the HW, unplug the USB to serial cable and install its drivers first.The drivers are provided with the software see the download section. Restart procedure from step #1.
3. Execute the installation file with administration rights:
a. GimaticSetup.exe (for 64 bits systems)
b. GimaticSetup32.exe (for 32 bits systems)

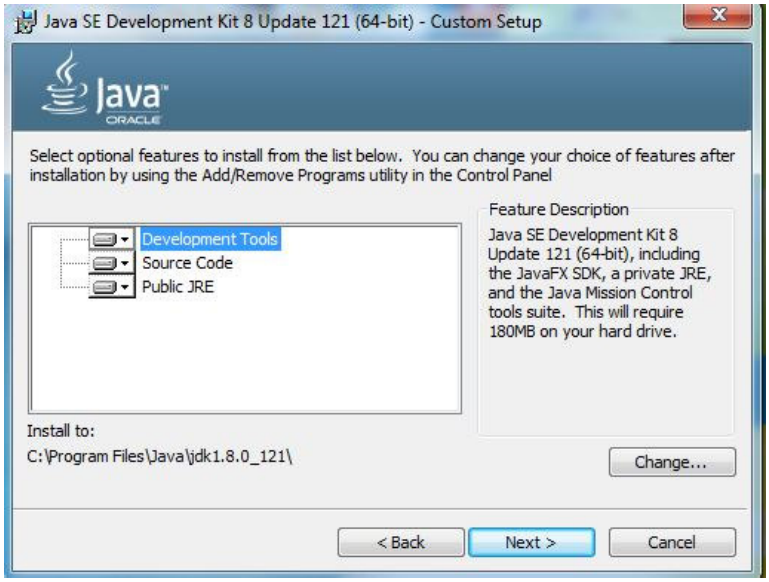



Setup - GimaticNfcDesfire version 1.0
Select Additional Tasks
Which additional tasks should be performed?
Select the additional tasks you would like Setup to perform while installing GimaticNfcDesfire, then click Next.
Additional shortcuts:
Create a desktop shortcut
Next >
Cancel

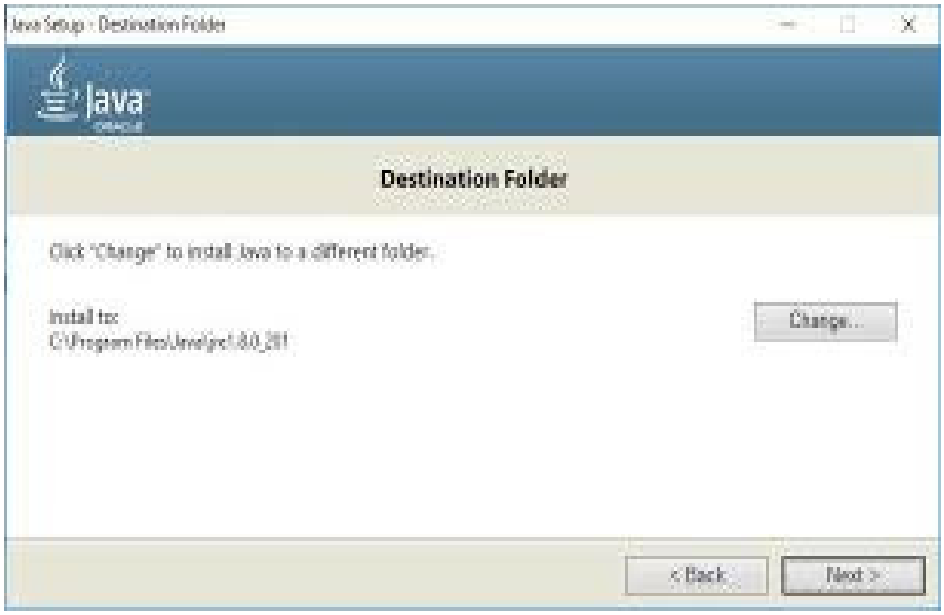

Setup - GimaticNfcDesfire version 1.0
Ready to Install
Setup is now ready to begin installing GimaticNfcDesfire on your computer.
Click Install to continue with the installation, or click Back if you want to review or change any settings.
Additional tasks:
Additional shortcuts:
Create a desktop shortcut
< Back
Install
Cancel


Setup - GimaticNfcDesfire version 1.0
Installing
Please wait while Setup installs GimaticNfcDesfire on your computer.
Extracting files...
C:\Program Files (x86)\GimaticNfcDesfire\jdk-8u121-windows-x64.exe
Cancel


Java SE Development Kit 8 Update 121 (64-bit) - Setup
Java
ORACLE
Welcome to the Installation Wizard for Java SE Development Kit 8 Update 121
This wizard will guide you through the installation process for the Java SE Development Kit 8 Update 121.
The Java Mission Control profiling and diagnostics tools suite is now available as part of the JDK.
Next >
Cancel


Java SE Development Kit 8 Update 121 (64-bit) - Custom Setup
Java
ORACLE
Select optional features to install from the list below. You can change your choice of features after installation by using the Add/Remove Programs utility in the Control Panel
Development Tools
Source Code
Public JRE
Feature Description
Java SE Development Kit 8 Update 121 (64-bit), including the JavaFX SDK, a private JRE, and the Java Mission Control tools suite. This will require 180MB on your hard drive.
Install to:
C:\Program Files\Java\jdk1.8.0_121\
Change...
< Back
Next >
Cancel

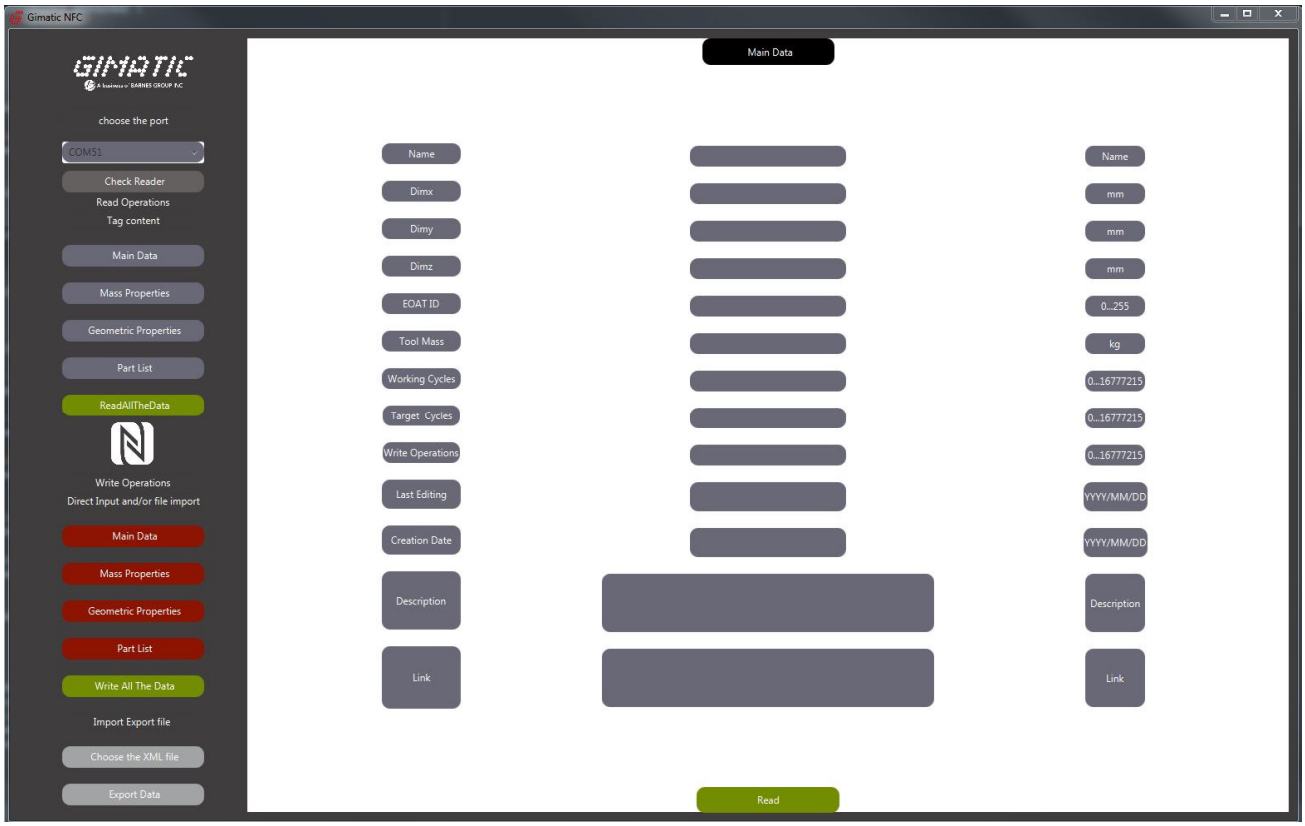
Java SE Development Kit 8 Update 121 (64-bit) - Progress
Java
ORACLE
Status:


Java Setup - Destination Folder
Java
Destination Folder
Click "Change" to install Java to a different folder.
Install to:
C:\Program Files\Java\jre1.8.0_281
Change...
< Back
Next >

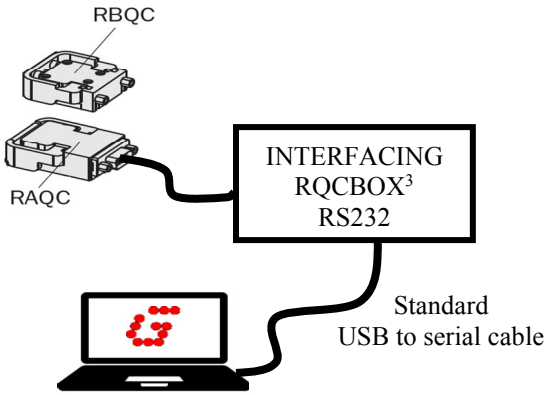
Java Setup - Progress
Java
ORACLE
Status: Installing Java
3 Billion
Devices Run Java
Java
#1 Development Platform
ORACLE

Installation Instructions

4. Execute the Gimatic NFC application and select the same COM port detected by your system on step 1 from drop down menu



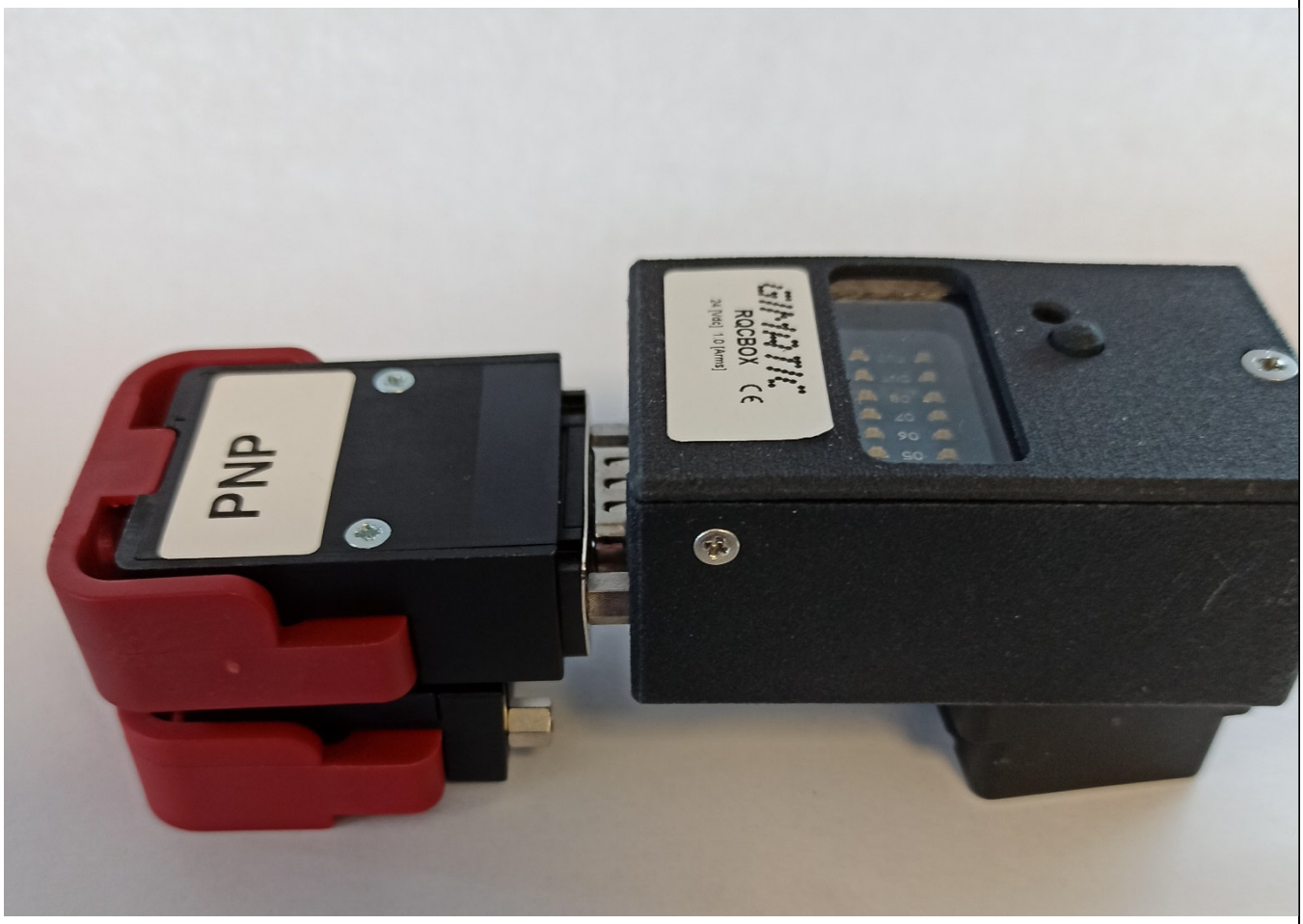
5.Connect the RQCBOX to the computer as shown in the picture below.



RQCBOX

Installation Instructions

6. Move the TAG (RBQC) under the reader (RAQC or RAQCN) as shown in the picture below



7. Select any operation to perform from the project tree on the left side of the application. Any user can access the reading operations. To access writing operations a password is required: please send a request to info@gimatic.com along with your contact information.

8. Press READ button or fill up the form and press the WRITE button at the center bottom interface. Wait the dialog box to disappear before proceeding with a new reading/writing operation

Download

http://www.gimatic.com/download/utility

Troubleshooting

In case the application doesn't show the drop-down menu for the selection of the serial port, please check for the library files of serial communication to be available.
It is possible that these files were deleted during a system update.
Close the program, repeat steps 4,5 and restart the program.

Main Changes
Edition 1.0→ First release of application **Edition 1.1→** Increase of the R/W operation on the tag. **Edition 1.2→** Added link functionality: the user can save a link inside the specific area of the tag.