BARTEC

Supplementary description – Translation of the original
Addendum to user manual 11-A1S4-7D0001

BCS3678ex Series

Type 17-A1S4-*HP*
ATEX / IECEx Zone 1/21
CSA Class I, II, III Division 1

Type B7-A2S4-*HP*
ATEX / IECEx Zone 2/22
CSA Class I, II, III Division 2

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Proviso: Technical changes reserved. Changes, mistakes and printing errors do not substantiate any claim to damages.

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1. Scan-To-Connect Utility

The Scan-To-Connect utility is original Zebra software.

The Scan-To-Connect (STC) Utility enables a Zebra Bluetooth scanner to pair to a phone or tablet in one simple step, without having to modify your app.

Unlike standard HID keyboard, the STC Utility supports enhanced HID keyboard, which assures your data is received by your phone or tablet. If corrupted, it will be re-transmitted. If lost, you get an error beep to rescan item.

The STC Utility also has a virtual keyboard to enter manually data for items that are not bar coded, or if the bar code is unreadable (i.e. Damaged).

The utilities available for:

- Windows
  https://www.zebra.com/us/en/support-downloads/software/utilities/cordless-scantoconnect.html
- Android
  https://www.zebra.com/us/en/support-downloads/software/utilities/cordless-scantoconnect-android.html

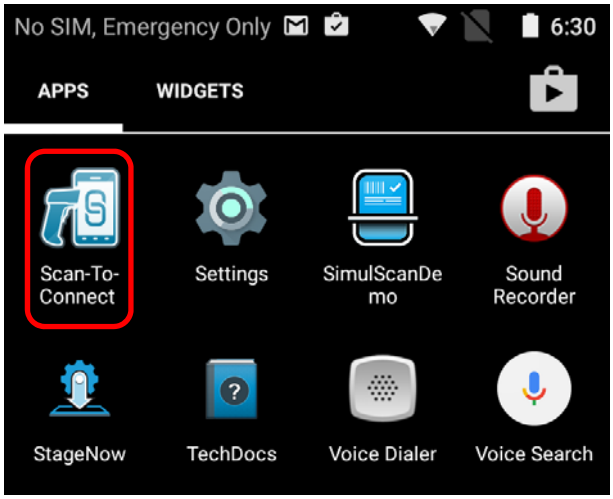
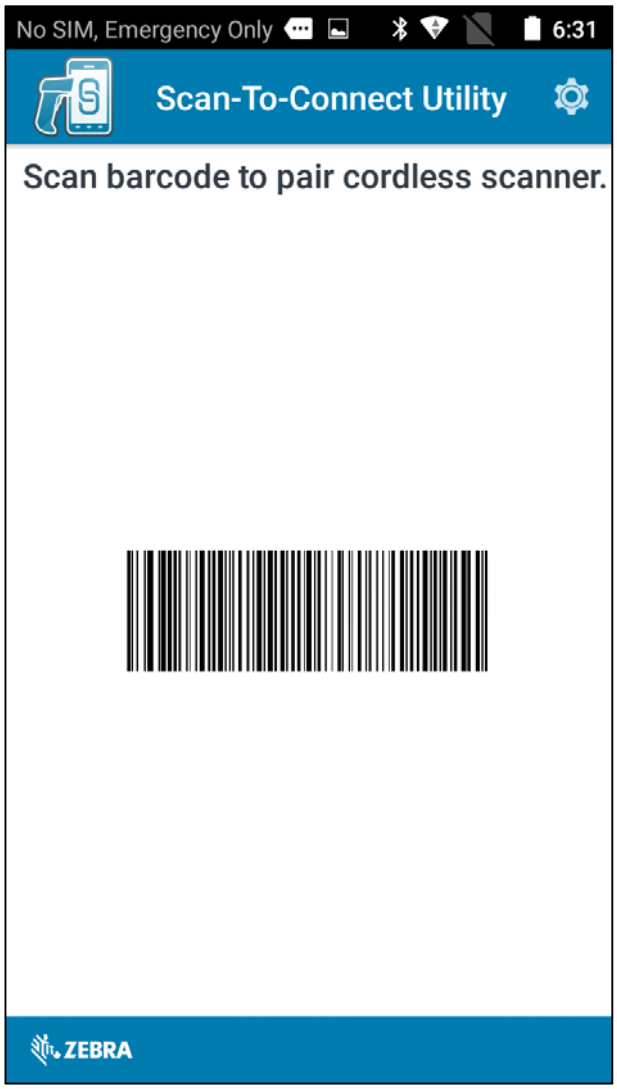
Download and information can found on Zebra support download page:
https://www.zebra.com/us/en/support-downloads/software.html

- Category: Utility
- Search for:
  ScanToConnect Utility for Windows
  ScanToConnect Utility for Android

For system requirements open up the Zebra Support & Download page, and check the requirements for the latest available versions.

2. Scan-To-Connect for Android

Download the Zebra Scan-To-Connect Utility for Android on your Android device. It is available in Google App-store for installation.	

After the Installation you will find an additional icon in your app menu. 	
Activate Bluetooth on your Android device.	
Run the Scan-To-Connect application. In the start screen, you will see a pairing barcode. Scan this Barcode to establish a connection between BCS3678ex series and your Android device.	

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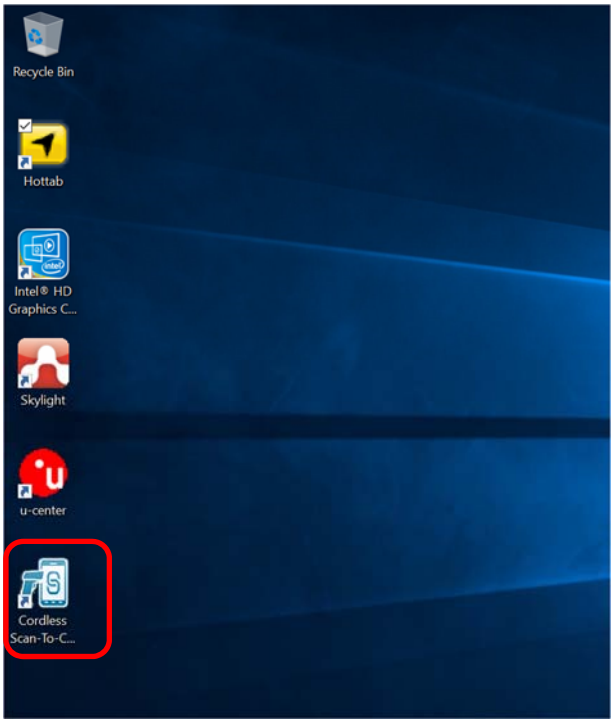
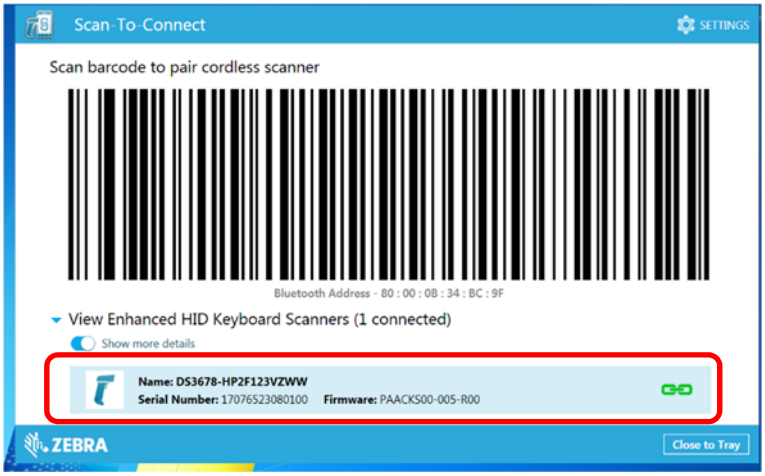
3. Scan-To-Connect for Windows

Download the application from Zebra support download page.	
Install Scan-To-Connect Utility for Windows your Windows device.	
After the Installation you will find a new icon on your start screen/desktop. 	
Activate Bluetooth on your Windows device.	
Start Scan-To-Connect application. In the start screen, you will see a pairing barcode. Scan this barcode to establish a connection between the BCS3678ex series and your Windows device. The paired device will be listed in the Window with the pairing barcode. Connection status is visible on icon : Green = connection activated Red = connection deactivated	

4. Scan-To-Connect – need to know

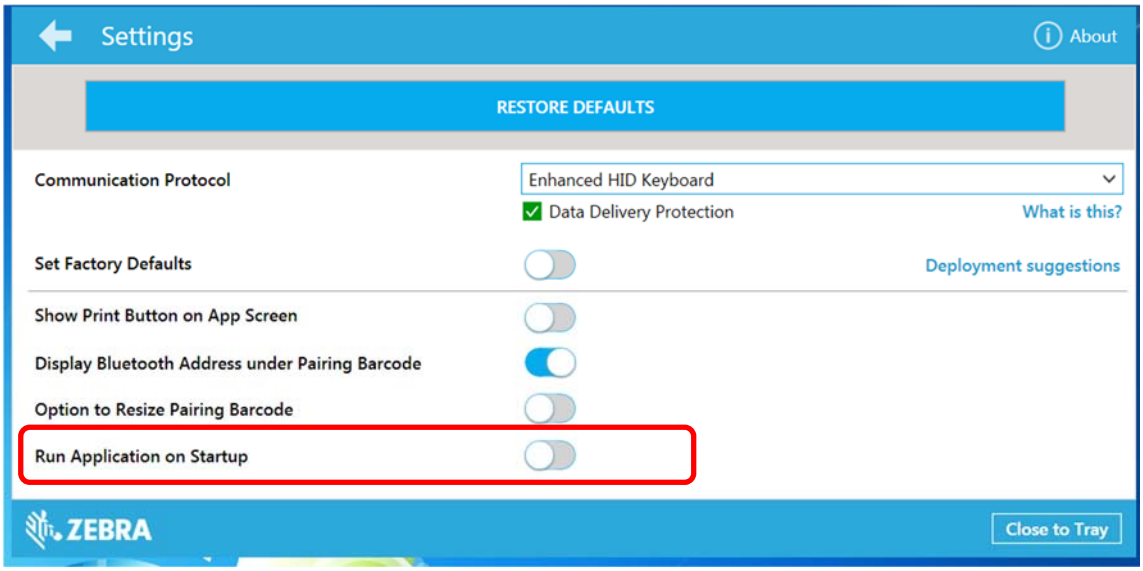
4.1 Why is the connection after reboot of device lost?

The pairing procedure via Scan-To-Connect does not store the paired devices in the memory.

After reboot, all connections configured via Scan-To-Connect deleted and need to be re-done.

The Scan-To-Connect application can be configured to start automatically after reboot.

You will find that option in the setting's menu of the application.



4.2 Why no pairing barcode is displayed after reboot in app?

On some Windows PC we have seen that the Bluetooth module need longer time for initialization (start-up) as the Scan-To-Connect application for start.

That mean that the application started but Bluetooth module need longer time to be ready.

Therefore, the application cannot get the needed system information of the Bluetooth module what are necessary for creation of pairing barcode.

Possible solution is use of Windows task scheduler.

It is possible to delay the start of the Scan-To-Connect application with the task scheduler.

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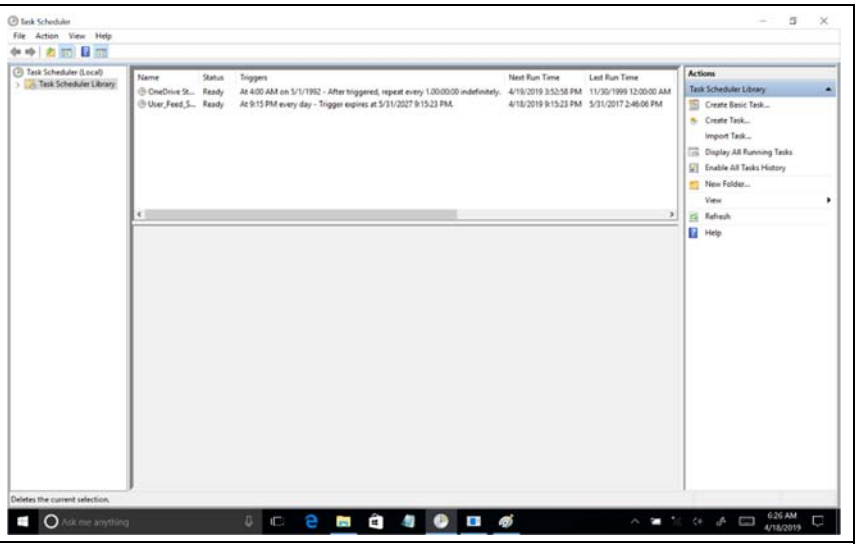
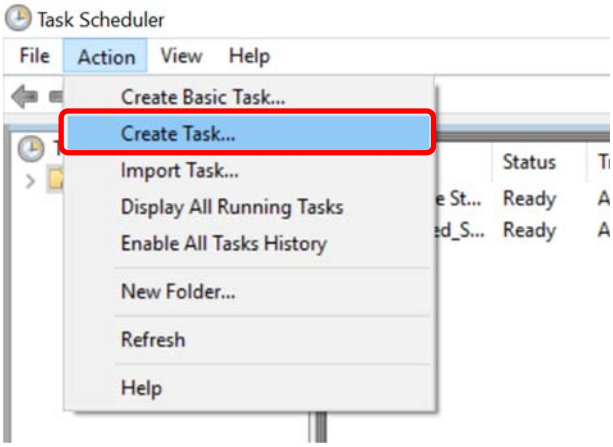
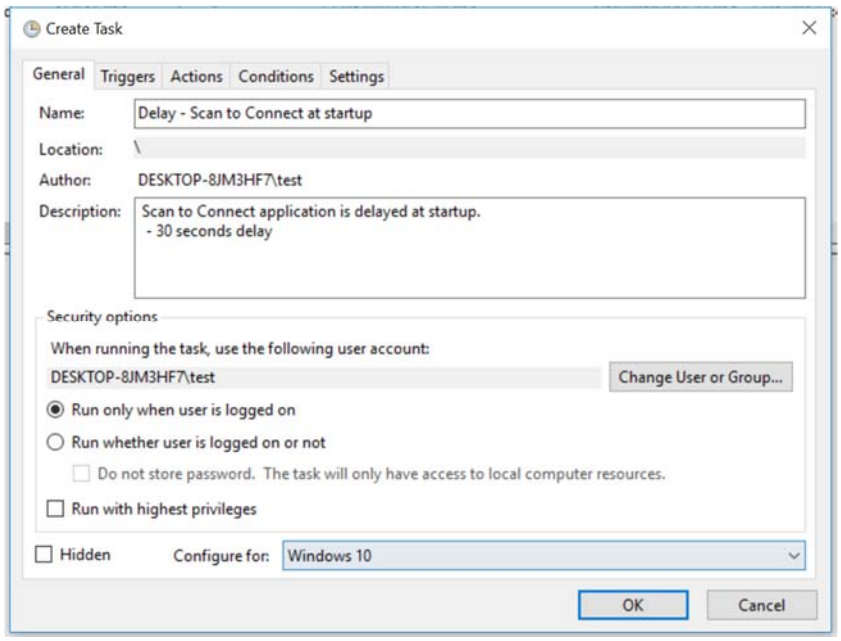
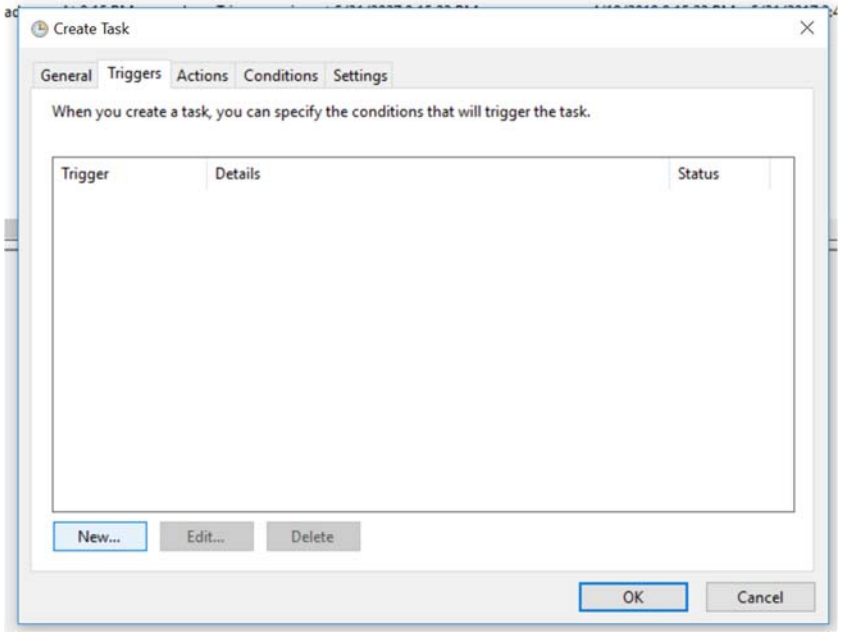
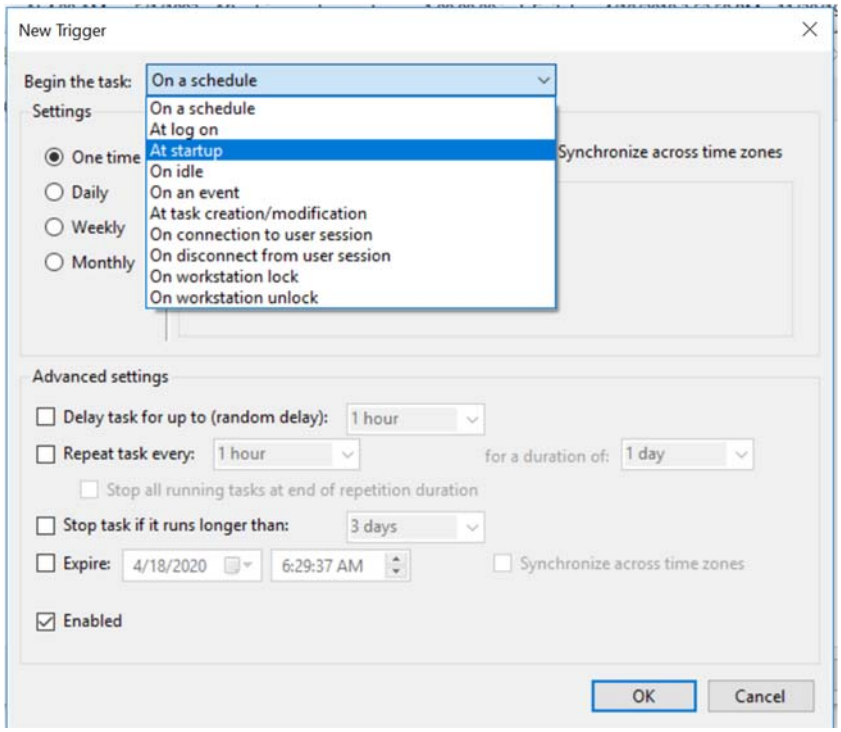
Start “task scheduler”	
Create a new task.	
Register: General • Give your task a name • Make your settings	

Register: Triggers

- New trigger
- At startup
- Define a time for delay e.g. 30 seconds
- Confirm with OK to store the trigger event.





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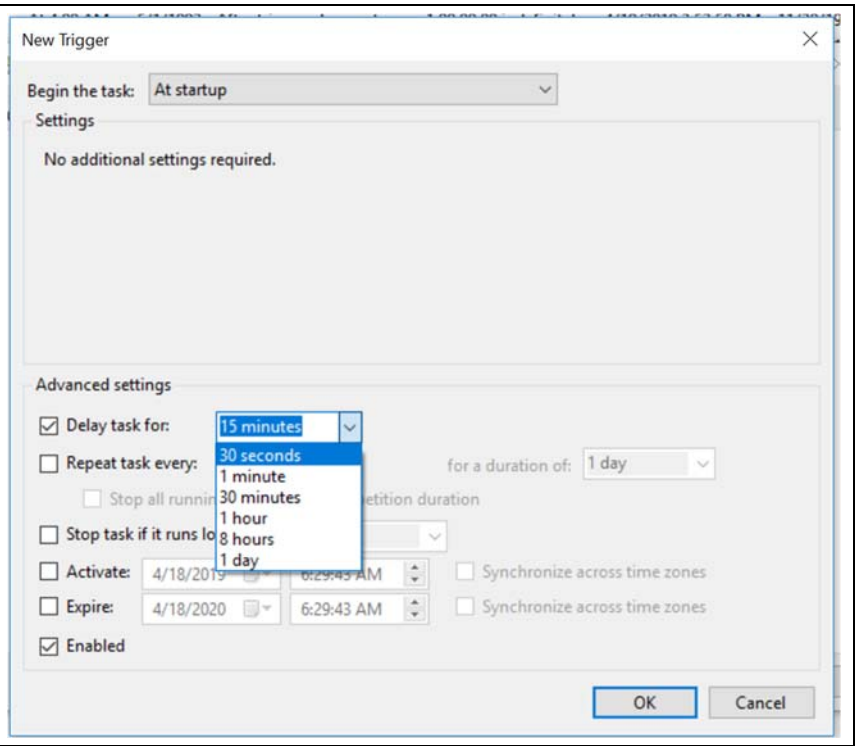
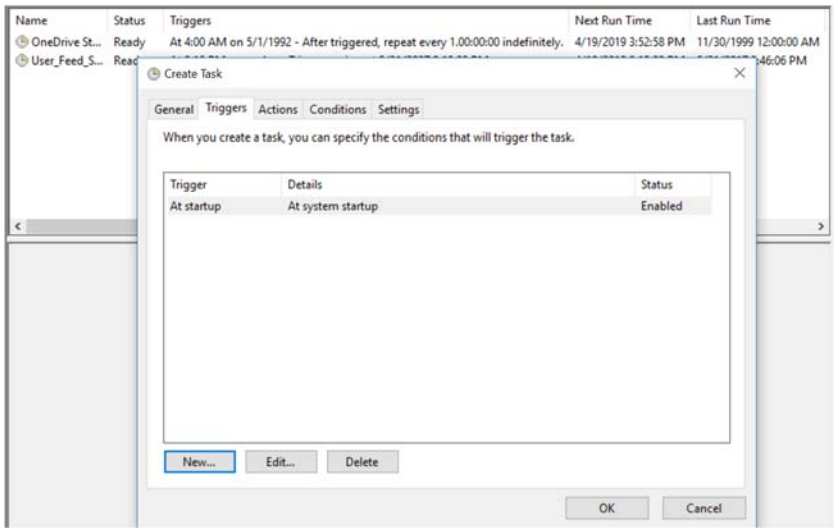
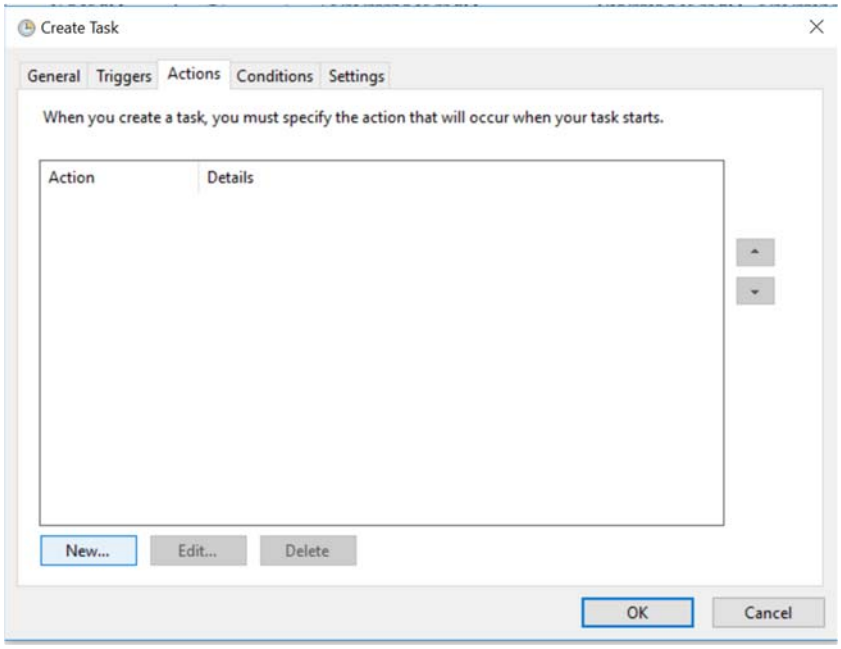
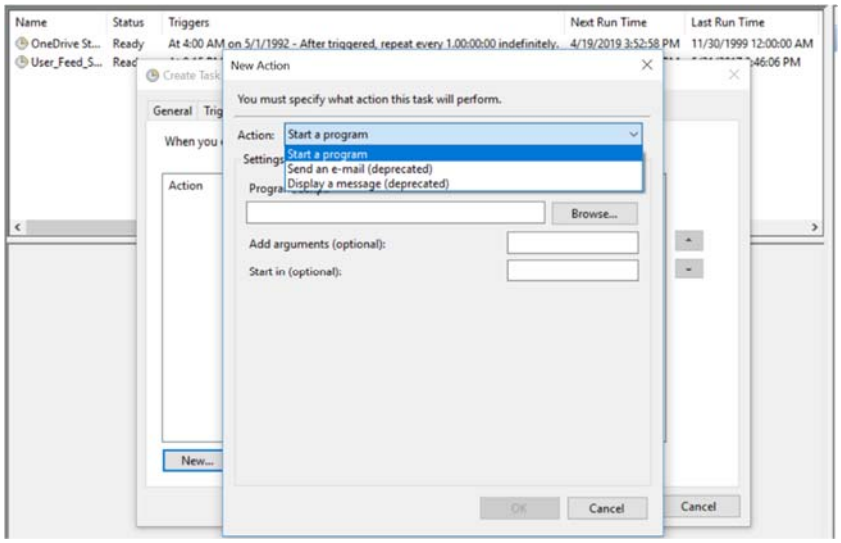


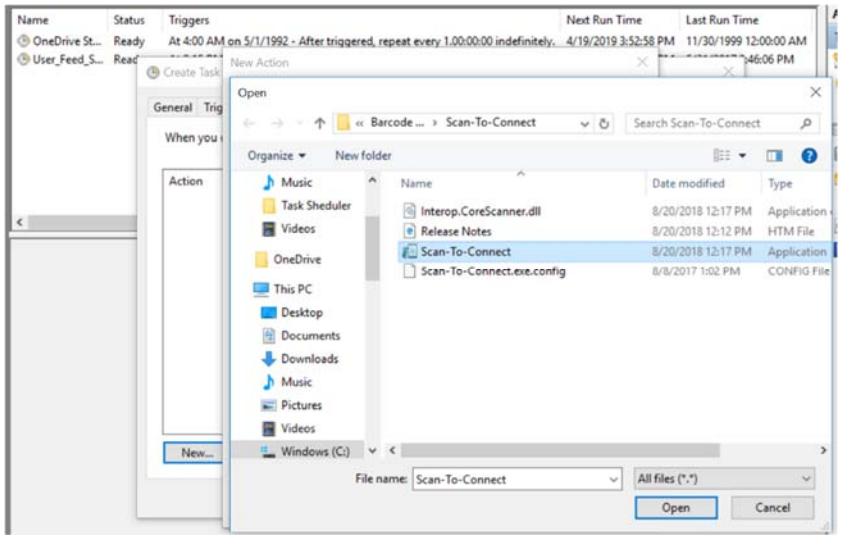


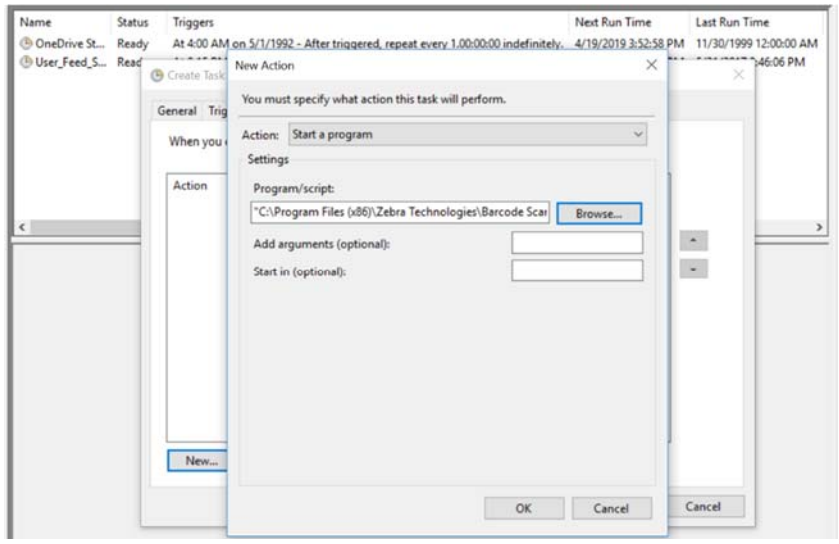
Register: Action

- New action
- Select action: start a program
- Select "Scan-To-Connect" application.
- Confirm with Ok to store the action









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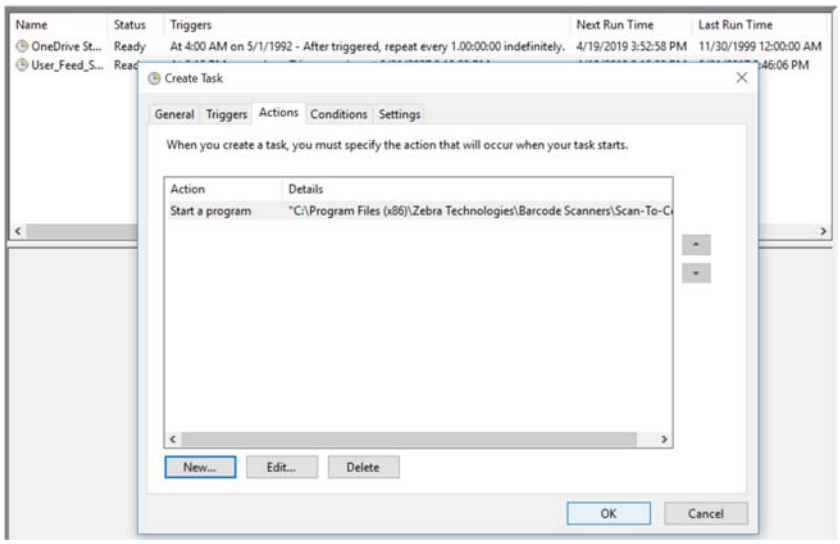
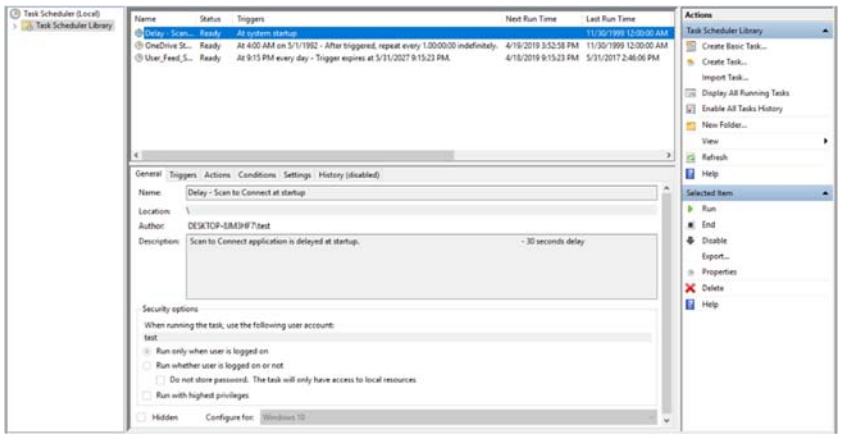
	
Save your task. Setup is finished and you can test if the delay is ok or if you need to setup other time for delay.	

4.3 On what BARTEC devices is Scan-To-Connect running?

It was tested on following devices:

Device	Operating system	Picture
Tablet PC • Agile X	• Windows 10 IoT Enterprise CBB • Windows 10 IoT Enterprise LTSB • Windows Embedded 8.1 Industry Pro • Windows 7 Professional for Embedded systems	

Tablet PC • Agile X IS	• Windows 10 IoT Enterprise CBB	
Touch Computer • TC75ex-NI • TC75xex-NI	TC75ex-NI • Android 5.1 TC75xex-NI • Android 6.0.1 • Android 7.1.2 • Android 8.1	
Mobile Computer • MC92N0ex	• Android 4.4.4	

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