Installation Guide

Updated 2016-04-06

QTA TRACER SYSTEM ®

Version 1.0

Table of contents

Manufactured by
TRIDENTIFY

1   Introduction

The purpose of this document is to guide System Administrators through installation of QTA Tracer System.

1.1 System requirements

The following accessories is needed to use the QTA Tracer System

Accessory	Description
PC with Windows 7	Notebook, Lap Top or stationary PC, 2Mb RAM, Physical storage > 100Mb
Bluetooth 4.0 Single Mode USB Dongle	
Hand scanner reading 2D bar codes	
QTA Tracer	

1.2 Printable version of this manual

Need a printable version of this manual? Use the print functionality that is implemented in your PDF reader to get a printable version.

1.3 Where to go for additional information

Need quick help using QTA Tracer System? Here's where to look for help:

http://www.qtatracersystem.com/support

1.4 QTA Tracer System overview
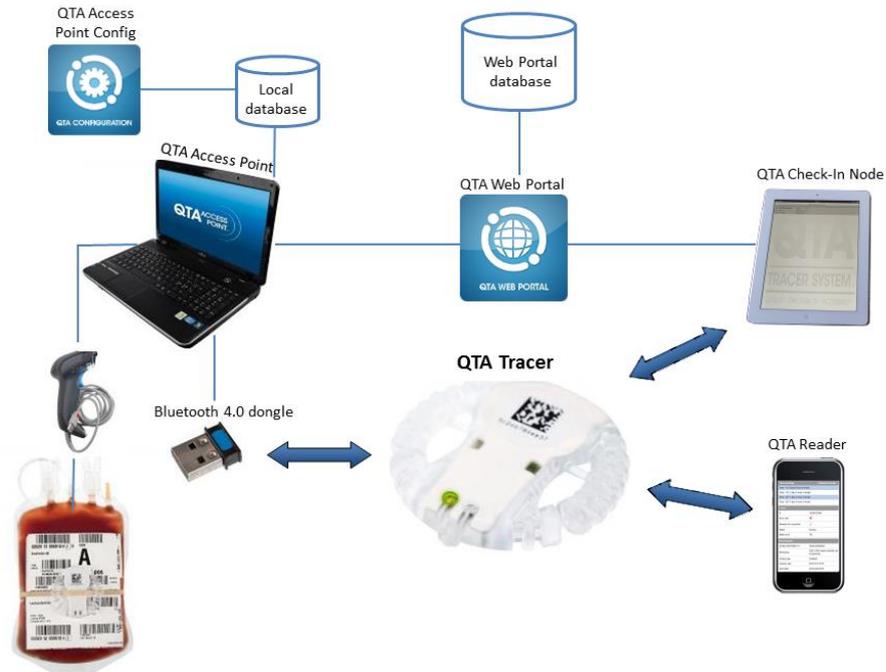
Figure1 displays the QTA Tracer system.

Figure 1. QTA Tracer System

To configure QTA Tracer System an Access Point Configurator is needed. The QTA Access Point Configurator stores configuration parameters in the database that is used by the QTA Access Point.
QTA Access Point Configurator is managed by the QTA Tracer System distributor or the local system manager.

To start or readout stored information from QTA Tracer the QTA Access Point is needed. QTA Access Point is used to:

- Start a new QTA Tracer log
- Readout status and temperatures from QTA Tracer
- Release blood from quarantine
- Readout stored information from QTA Tracer

The QTA Tracer is attached to the blood bag to measure temperatures and calculate if blood is valid according to specific configured temperature intervals.

The QTA Tracer has a motion detector and if the tracer is moved it will wake – displaying blood status with green or red light and start broadcasting information that can be picked by a QTA Access Point, a QTA Check-in Node or a QTA Reader.

Manufactured by
TRIDENTIFY

2   Installation

Download the installation software from the web portal – www.qtatracersystem.com - Support - Download

To install QTA Tracer System the following steps are needed:

- Install barcode reader (barcode scanner)
- Install the Bluetooth 4.0 Single Mode USB Dongle
- Install QTA Tracer System
- Configure QTA Tracer System

2.1 Install barcode reader

The barcode reader is delivered with its own installation manual.
Select interface USB-COM-STD at the installation.

If you are using the Gryphon GD4400xx Barcode scanner, please follow these steps:

1. Visit the Datalogic web page: www.datalogic.com
   (http://www.datalogic.com/eng/support-services/automatic-data-capture/downloads/software-utilities-sw-2.html?search_prod=174   )
2. Download the SU-DLADC-USB-COMdriver 32bit   (or 64bit)
3. Unzip the file
4. Double-click the .msi-file
5. Follow the install instructions
6. Connect the Barcode scanner to a USB-port
7. Scan the barcode for USB-COM-STD *See documentation shipped with the scanner. The Barcode is also shown below.*

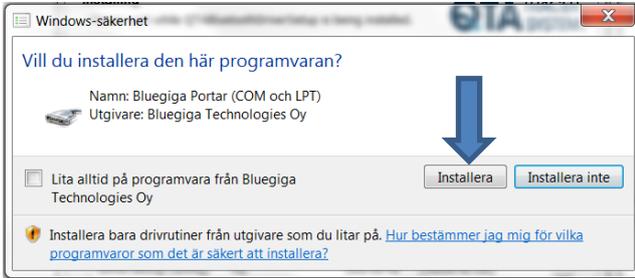USB Com to simulate RS-232 standard interface

Select USB-COM-STD[a]
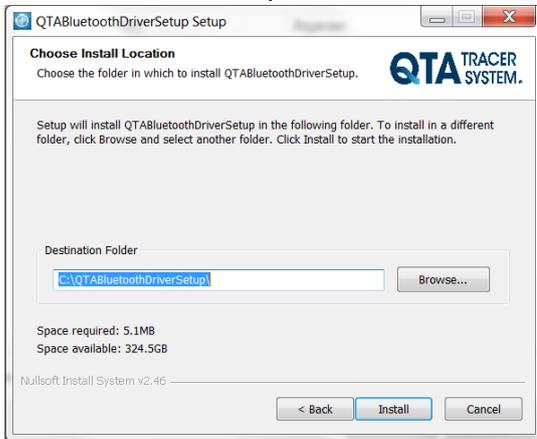
8. Now the scanner is ready for use.

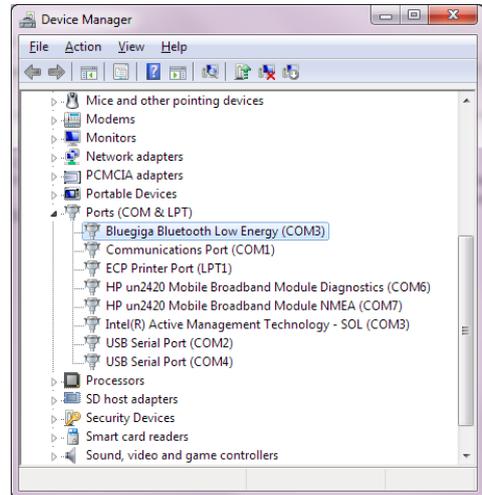## 2.2 Install the Bluetooth 4.0 Single Mode USB Dongle

- Download software from www.qtatracersystem.com/support and install.
  During installation you might be prompted twice about installing "Bluegiga
  ports" and "libusb…". Click **"Install"/"Installera".**

Destination folder: C:\QTABluetoothDriverSetup

- Connect the BLED112 USB dongle or
  DKBLE112 via USB to your PC
- If you want to see the installed drivers go to
  Device Manager – Ports and look for
  "Bluegiga Bluetooth Low Energy".
  If you find it there, the driver installation is
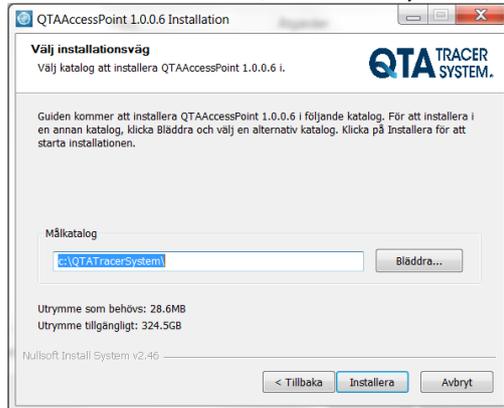 complete.

2.3 Install QTA Tracer System

Run the installation program QTAAccessPointSetup_v1.0.*.*.exe located at
www.qtatracersystem.com/support.
The installation program will guide you through the installation.
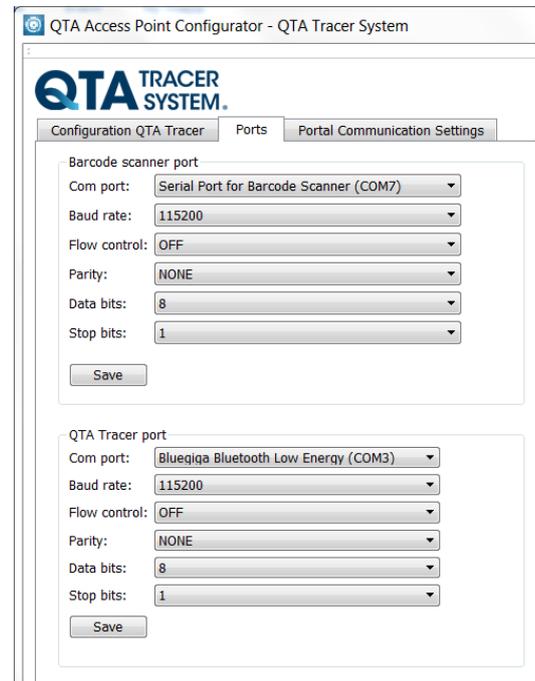Destination folder c:\QTATracerSystem\

The QTA Access Point program can be started from the shortcut on the desktop or by selecting:
 Start→QTA Tracer System→QTA Access Point

2.4 Configure QTA Tracer System

Run the QTAAccessPointConfig.exe located in your selected installation folder.
This is needed to set COM ports for the bar code reader and the Bluetooth 4.0 Single Mode USB Dongle. Make sure the settings for these devices are correct - on the Ports tab in the QTA Access Point Configurator.
(and do not forget to click the "Save"-button)

The QTA Access Point Configurator also sets up other parameters for the system, but this is covered in the QTA Access Point Configurator - user manual.

If the QTA Access Point cannot locate the barcode scanner or the Bluetooth dongle – remove those devices and then reinsert them.

Manufactured by
TRIDENTIFY