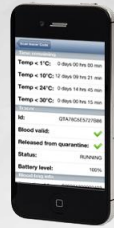


User manual



QTA Reader

Version 1.12



QTA TRACER
SYSTEM®

Version 1.0



Table of contents

	End User License Agreement (EULA)	3
1	Introduction	6
	1.1 System Requirements QTA Reader	6
	1.2 Printable version of this manual	6
	1.3 Where to go for additional information	6
	1.4 QTA Tracer System overview.....	6
	1.5 QTA Reader function	6
2	Installation	7
3	Usage	7
	3.1 Connect reader to Tracer	7
	3.2 Reader data display - Time remaining.....	8
	3.3 Reader data display – Tracer info	8
	3.4 Reader data display – Blood bag info.....	8



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1 Introduction

The QTA reader gives the user access to QTA tracer data by scanning the tracer with an iPhone 4s or later.

1.1 System Requirements QTA Reader

iPhone 4S or later with the free application “QTA Reader” installed.

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

The QTA Tracer system consists of a PC with the QTA Tracer System software installed, a Bluetooth USB dongle, a Barcode reader and QTA Tracers. For full functionality the system also includes QTA Check-in Nodes, QTA Readers and the QTA Web Portal.

Figure 1 displays the QTA Tracer system.



Figure 1. The QTA Tracer System

1.5 QTA Reader function

The QTA Reader gives the user easy access to QTA Tracer data. With an iPhone 4s or later with the free application QTA Reader installed the user can scan the tracer barcode to retrieve tracer data – status, expiration date blood bag info etc.



2 Installation

Visit Apple App Store to download and install the free App “QTA Reader”.

3 Usage

QTA Reader gives you the opportunity to Check Tracer Status on the go.

3.1 Connect reader to Tracer

Open QTA Reader application on your iPhone.

1. Position the red square on the screen over the Tracer bar code
2. As soon as the Reader recognizes the bar code it is scanned
3. Move the tracer to activate the Bluetooth transmission
4. The Reader will display a message asking if you would like the Tracer to pair with your iPhone. Tap “Pair”
5. The Reader connects to the Tracer and downloads data

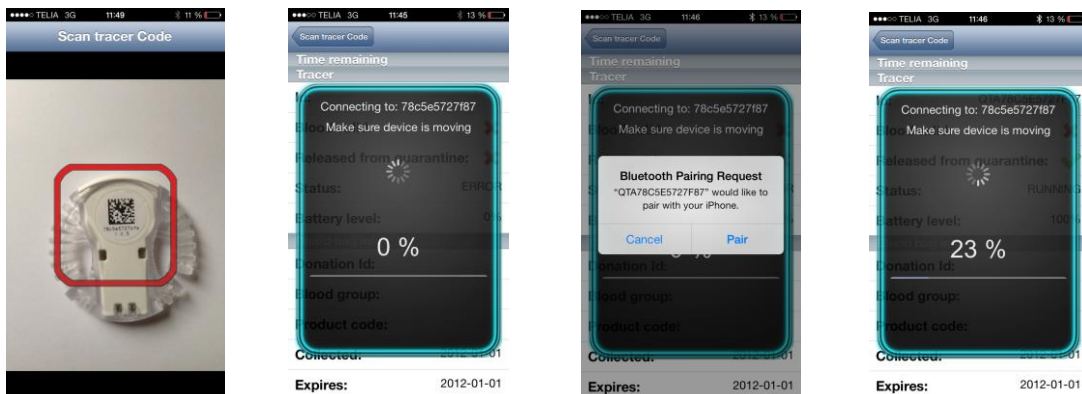


Figure 2. QTA Reader screen: Positioning the Reader over bar code, Connecting to tracer, Pair Reader with Tracer, Downloading data from tracer



3.2 Reader data display - Time remaining

“Time Remaining” lists (in days, hours and minutes) the time left before the product expires. It shows the time remaining for each of the temperature intervals the Tracer has been configured for in the QTA Access Point Configurator.

3.3 Reader data display – Tracer info

Tracer info includes:

- **ID** = tracer Id
- **Blood valid:** Green tic ✓ means log is initiated and blood is valid.
Red x ✗ means the tracer is “waiting for start” or the blood has expired
- **Released from quarantine:** Green tic ✓ = released.
Red x ✗ = not released.
- **Status:** Showing the tracer status.
 - Running:* tracer initiated and temperature is logged
 - Waiting for start:* Tracer is initiated but temperature not yet logged. (See “Start log in temp below” and “Start log timeout in minutes” in QTA Access Point Configurator – User Manual.)
 - Configuration:* the tracer is in configuration mode.
Initiation not completed. Tracer needs to be reinitiated.
 - Error:* Tracer is malfunctioning or battery depleted. Return to Blood Center.
- **Batter level:** in % how much buttery life remains

Scan tracer Code	
Time remaining	
Temp < 1°C:	0 days 00 hrs 00 min
Temp < 10°C:	12 days 09 hrs 21 min
Temp < 24°C:	0 days 14 hrs 45 min
Temp < 30°C:	0 days 00 hrs 15 min
Tracer	
Id:	QTA78C5E5727B86
Blood valid:	✓
Released from quarantine:	✓
Status:	RUNNING
Battery level:	100%
Blood bag info	
Donation Id:	S00201200002402
Blood group:	6200
Product code:	E3846000
Collected:	2012-03-15 07:52
Expires:	2012-04-26 23:59

Figure 3. QTA Reader Data display

3.4 Reader data display – Blood bag info

Displays Donation identification number, Blood group, Product code, Collection date and Expire Date printed on the blood bag. Expire date is estimated expiration date at the collection – not the actual expiration date that is continuously recalculated by the tracer.