







QUALITY



TRACEABILITY



ACCESSIBILITY





800 000 blood bags is routinely discarded each year in Europe, value of € 120 000 000

An estimate based on global market surveillance data for Europe and US.

1. Blood operations in Sweden 2015 - Swedish Society for Transfusion Medicine
2. Agency for Patient Safety, Islands Brygge 67, 2300 Copenhagen S. (blood product area in 2015).
3. Australian National blood authority. Blood product wastage reduction strategy 2013-2017.
4. Sistema de información del Sistema Nacional para la Seguridad Transfusional informe 2015.
5. Póster La circulación de la sangre. Análisis de costes. 12 Jornada de gestión y evaluación - Ciudad Real, Oct 2016



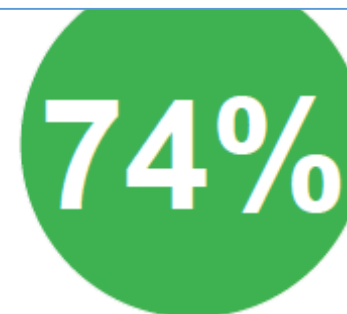
Make every donation count

From hoping to knowing



CONCLUSIONS

- From January to September 2016, 74% of the bags returned to the Transfusion Service (419/565) were recovered, with an annual forecast of 559 bags being recovered. As these are a scarce commodity, donated in an altruistic manner, it is necessary to implement measures to ensure that they are used wisely.



Guarantee

Savings

Safety

Sensible Usage

ANNUAL IMPACT OF THE PROJECT

Cost of the traceability system	-14.825 €
Value of non-discarded units	79.331 €
Net saving for Osakidetza	64.506 €

- The traceability system has created a net saving of €64,506 for the Basque Health Service - Osakidetza.
- Temperature monitoring can also be applied to other blood products and other surgical departments.

The savings the last trimester of 2017 was close to 90 % due to possibility to lean processes based on data provided from QTA Tracer System



Source: Blood circulation. Analysis of costs, Ustarroz Aguirre, Iker et. al



Let the QTA Tracer do the rest...Regardless product type

QTA TRACER, Interpret the regulatory for you in Real-time

**SMALL and POWERFUL temperature monitoring unit**

-39-60 °C, 55 mm diameter, 9 mm thick

AUTOMATIC Shelf life calculations different products.

Can be used for multiple products with various configurations

FAST Quality decisions, Medical Device 2a

The MD2A classification equals a medical responsible decision

SMART Data Transfer with Bluetooth

Accessible data via Smartphones, Tablets and PCs

ROBUST Internal memory

Stores up to 20480 readings

EASY interpretation

Green and Red LED's shows the operator the quality of the product or of the application.

REUSABLE

Each Tracer is powered by a battery that last up to 3 year.

QTA Access Point, initiate and reads full info from QTA Tracers

Software installed on PC used to start and read out full data from QTA Tracer. QTA USB Dongle and 2D barcode reader needs to be installed on the same PC to enable Bluetooth communication and start/read QTA Tracers.

Windows 7 or higher, 2 MB RAM, Storage capacity >100Mb.

EASY to USE

Software is built to ease the process and to minimize mistakes.

FAST readouts

Fast data transfer from QTA Tracer to Access Point compared to other devices on the market.

INSTANT access to data

Graphs are displayed in the software, possibility to highlight different peaks and troughs with call-out messages.



QTA Check-In Node App, automatic information upload



A free app for iOS or Android to upload position and information from QTA Tracer's to QTA Web Portal. It can monitor tracers within 10 meters and upload the latest tracer status (product validity and expiration date) and position automatically every time a tracer passes a QTA Check-In Node.

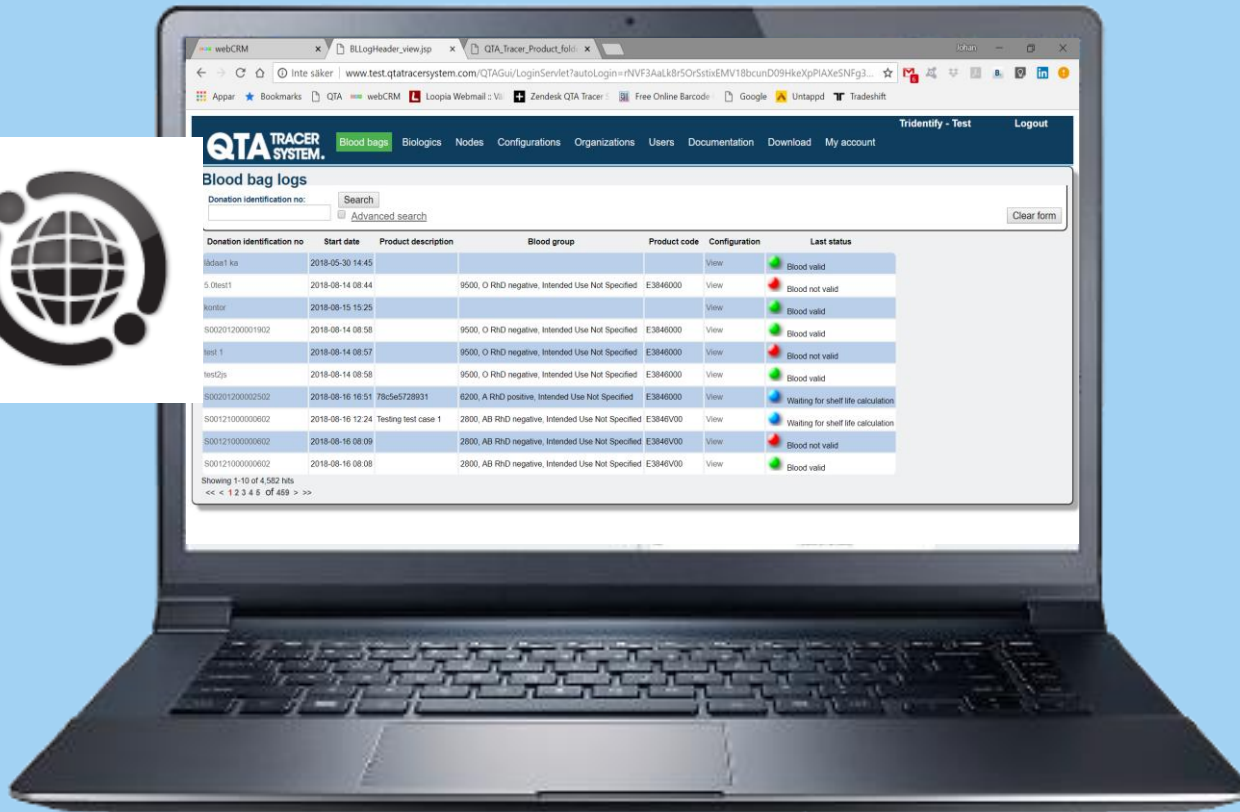
AUTOMATIC Upload of data

Transfer min and max temperatures, geographic position, status and more to the QTA Web portal.

FAST

Can handle many tracer at the same time

QTA Web Portal, Data accessible from anywhere at anytime



Cloud based software used for configuration, reports, real-time inventory, status check and long time storage of data, etc. The QTA Web Portal is accessible from via any browser from PCs, Tablets and Smartphones.

EASY to USE

Software is built to ease the process and to minimize mistakes.

FAST readouts

Fast data transfer from QTA Tracer to Access Point compared to other devices on the market.

INSTANT access to data

Graphs are displayed in the software, possibility to highlight different peaks and throughs with call-out messages.

QTA Reader App

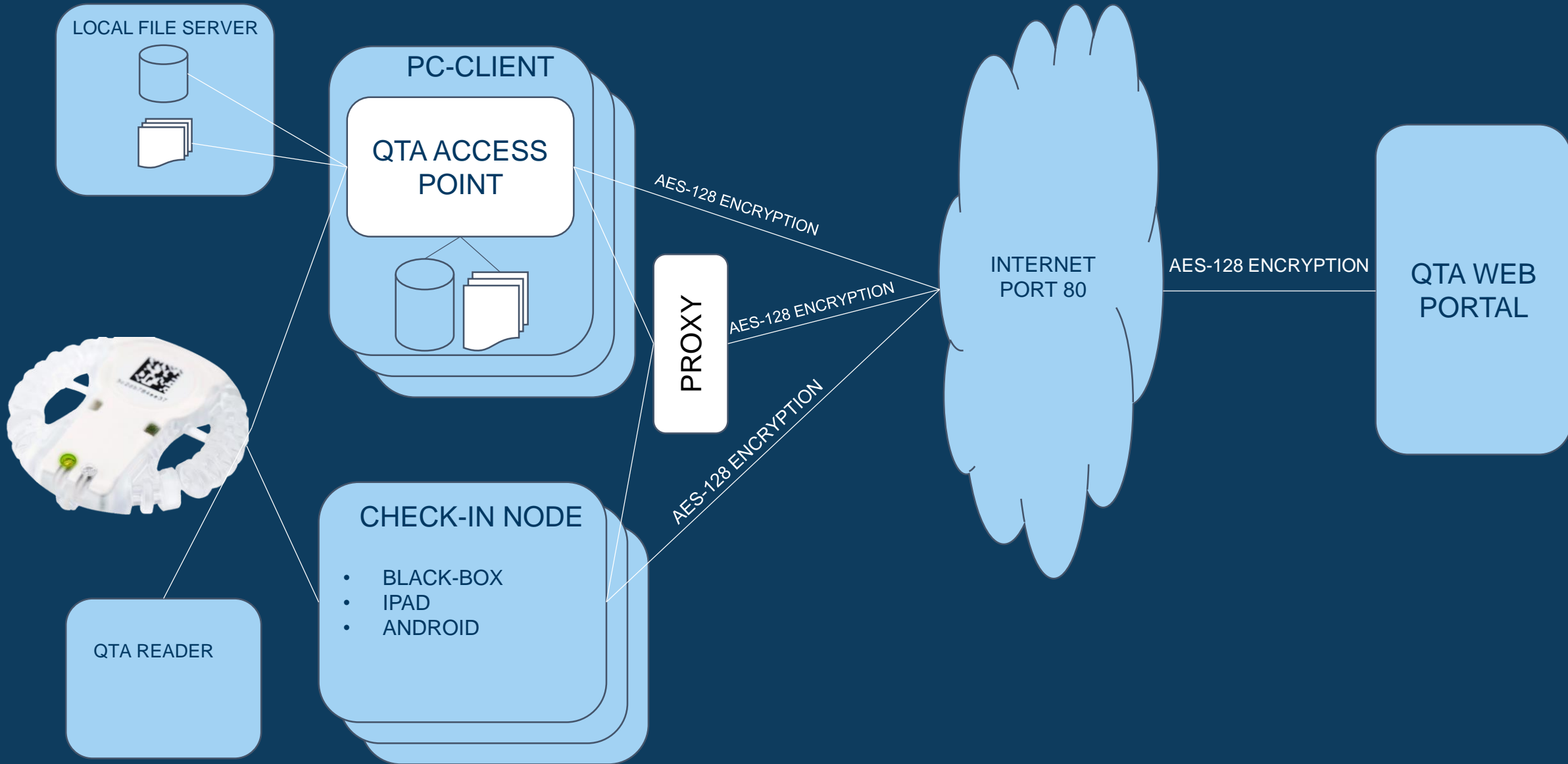


QTA Reader is a free application for iPhone (4s or later) that can be used to readout information from QTA Tracer's from your iPhone or iPad.

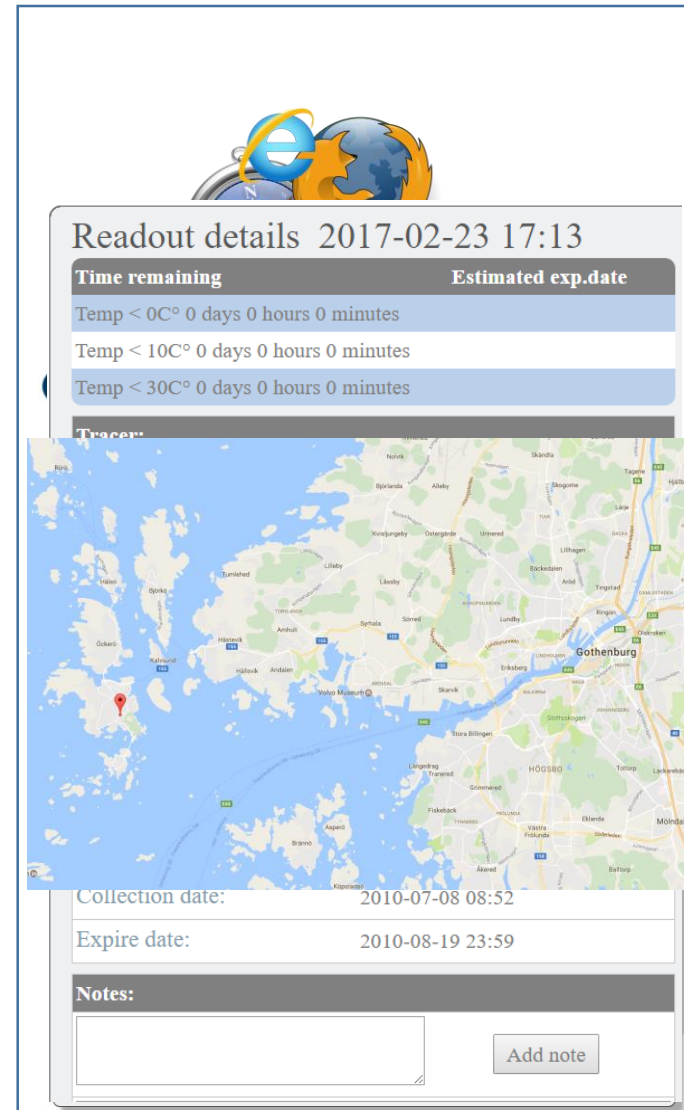
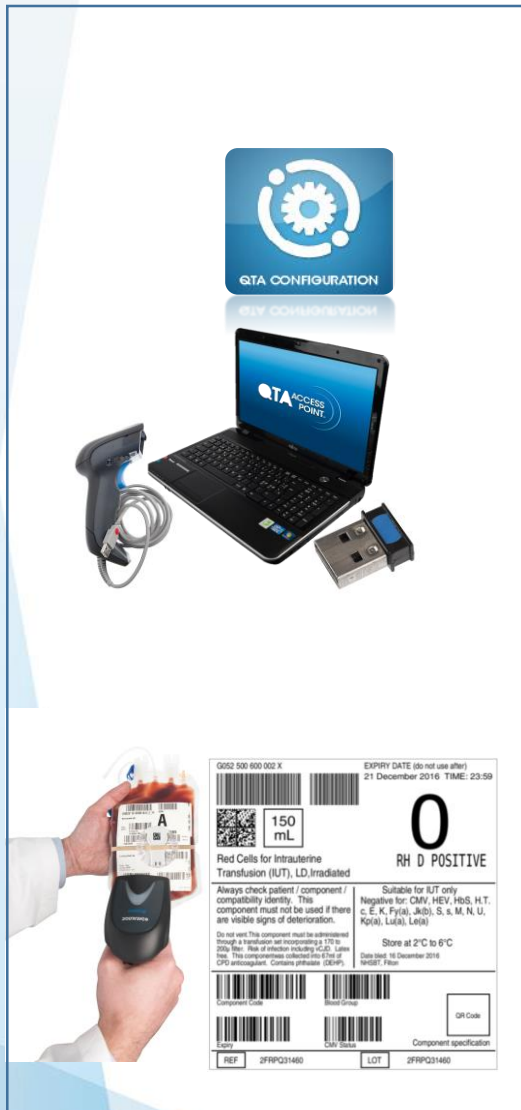
You can scan a tracer wherever you are for latest blood status, blood bag data, current expiration date and estimated time left when stored in various temperature ranges

Quick Data Access

QTA TRACER SYSTEM OVERVIEW



QTA Tracer System, Easy Setup, Minimal Hardware, Easy to Use



Minimal configuration requires a 2D-scanner and a Bluetooth dongle connected to any of your existing computer.

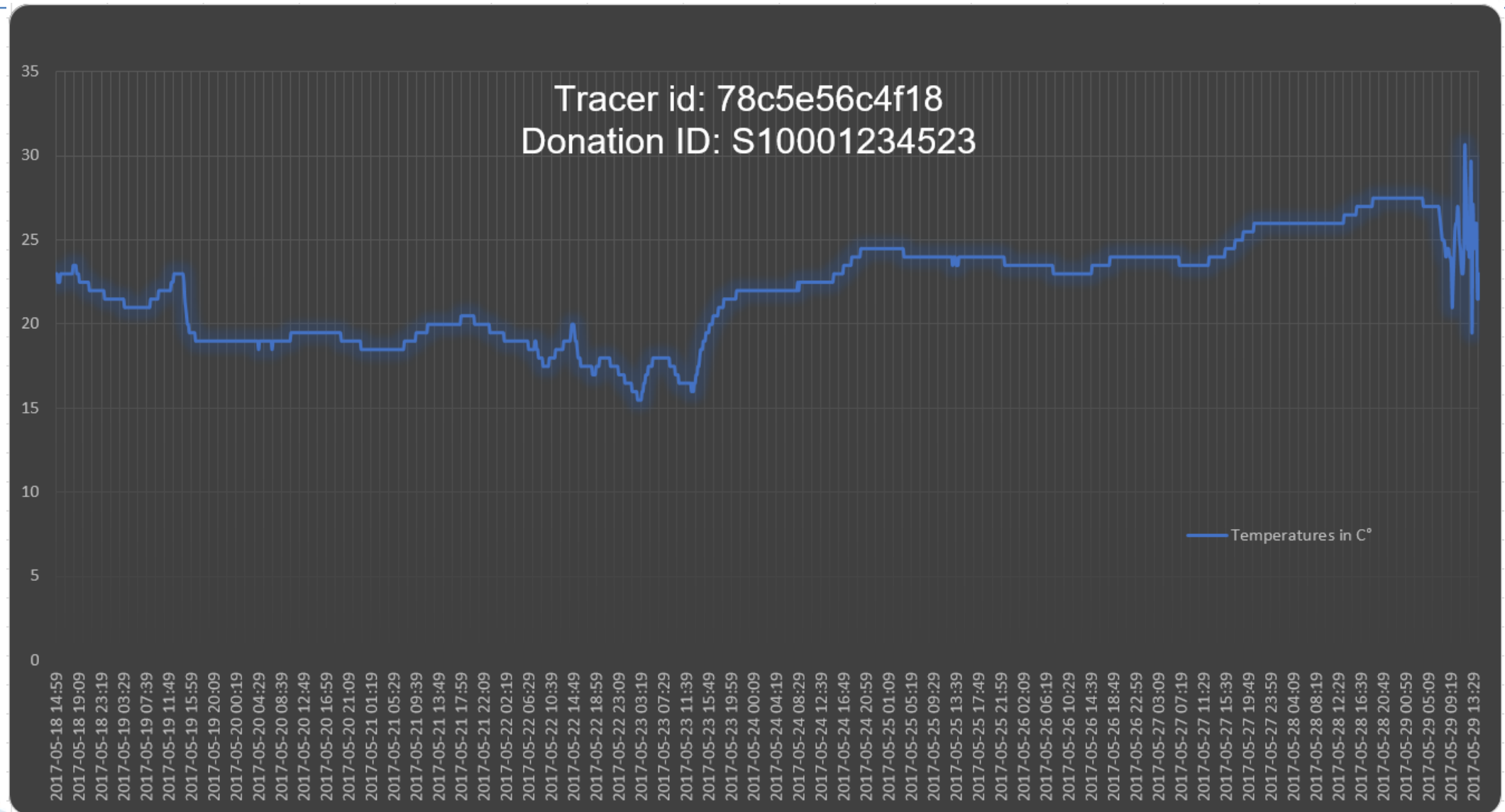
Blood product and Tracer is paired by scanning barcodes.

Information about temperature and time is constantly collected.

When passing a Check In Node, the tracer will radio information to the web portal, including location

Information of a specific blood unit is easily found on the web-portal through a web browser.

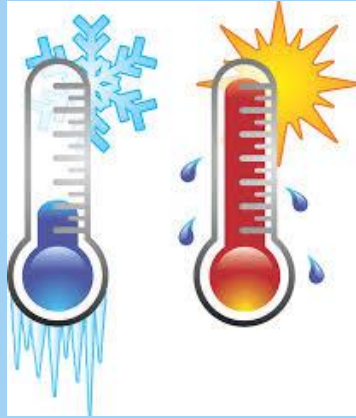
QTA Tracer System, Easy Setup, Minimal Hardware, Easy to Use



THE PROBLEM TODAY AND OUR SOLUTION FOR THE FUTURE

CURRENT

TEMPERATURE



THEN

TIME



TEMPERATURE AND TIME FROM VEIN TO VEIN INCLUDING TRACEABILITY

FUTURE

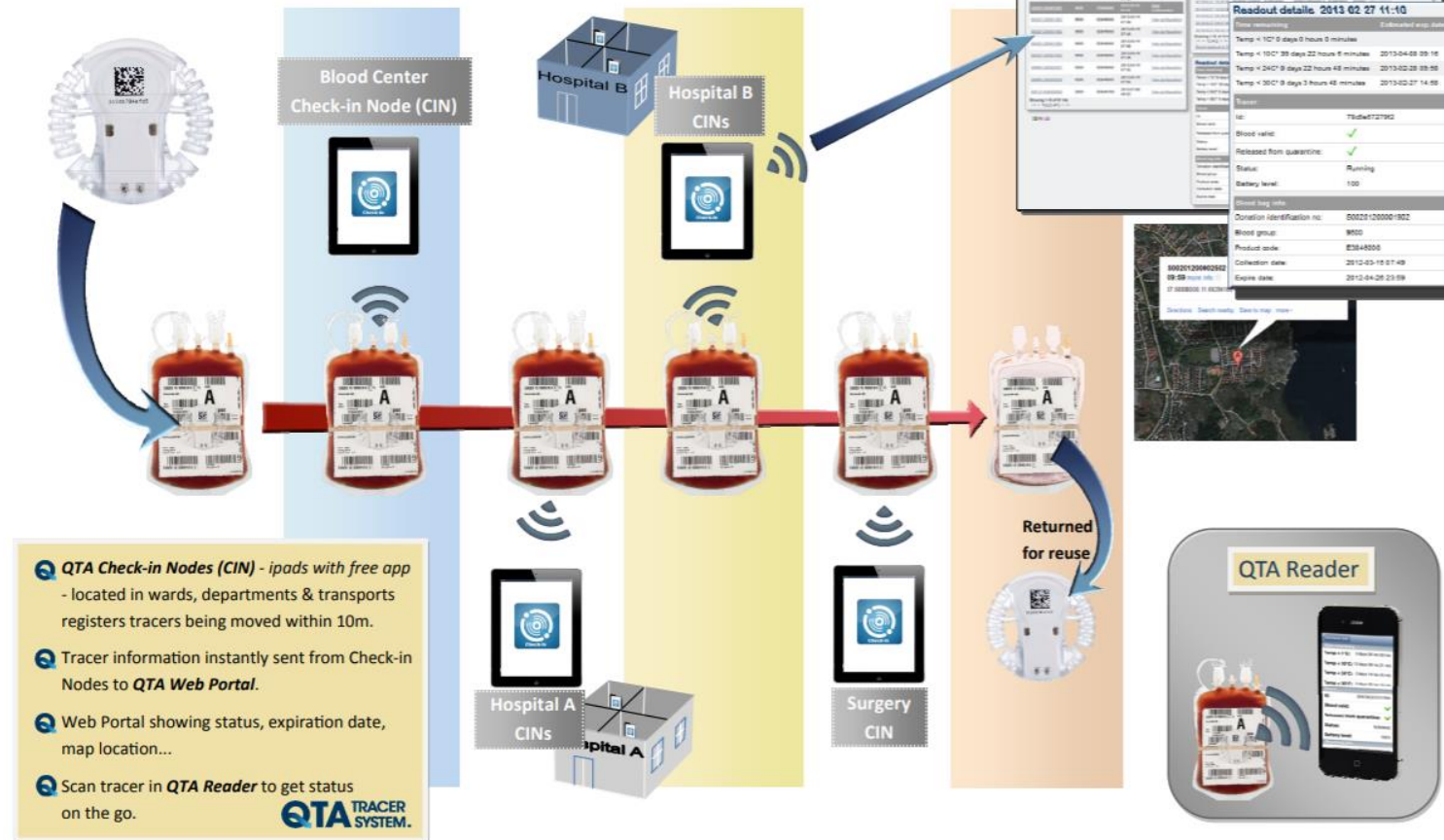


THE PROBLEM TODAY AND OUR SOLUTION FOR THE FUTURE

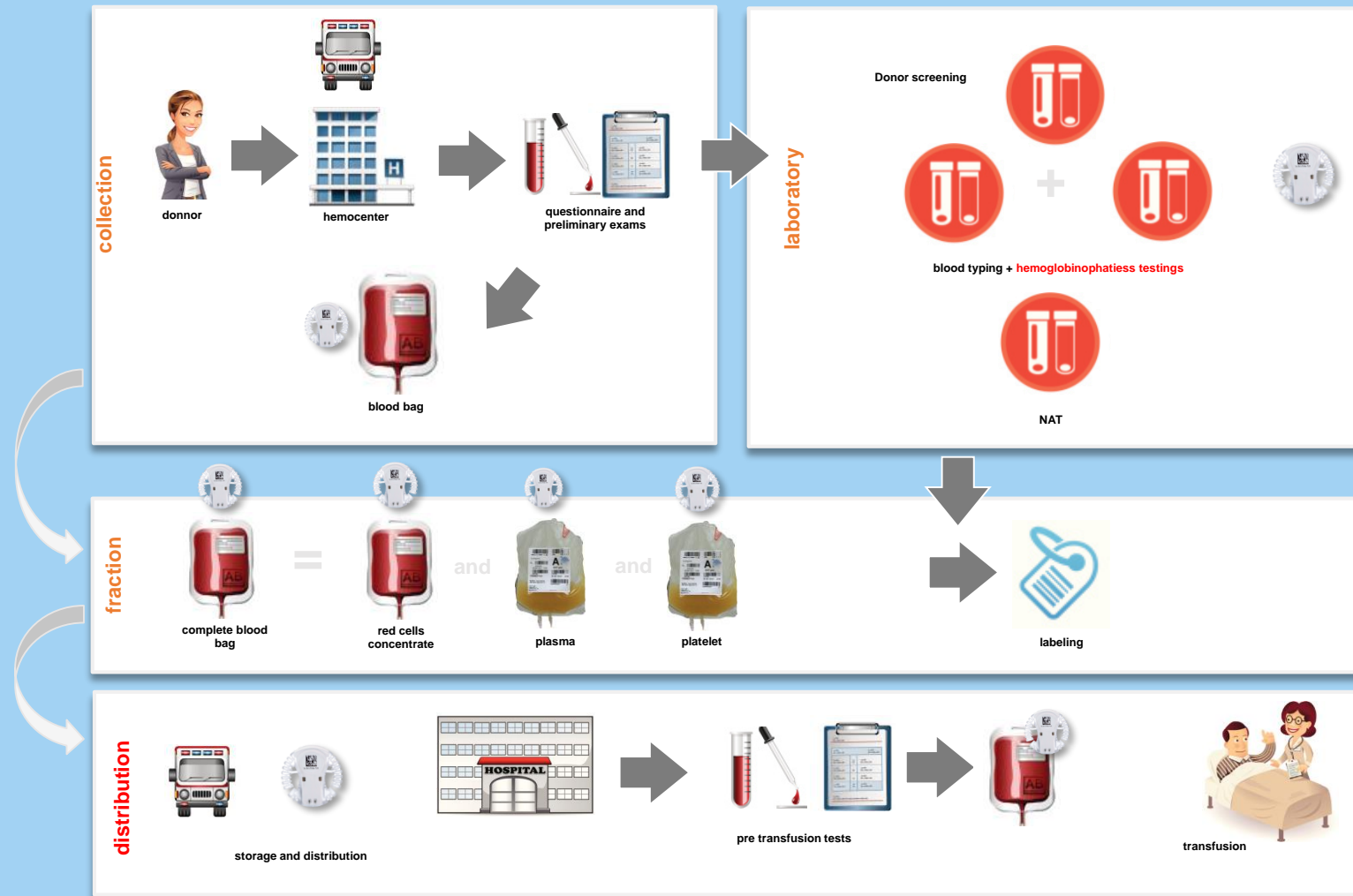
What happens after the blood leaves the blood center?

How keep track of blood bag status and location?

Make use of all the features of QTA Tracer System®



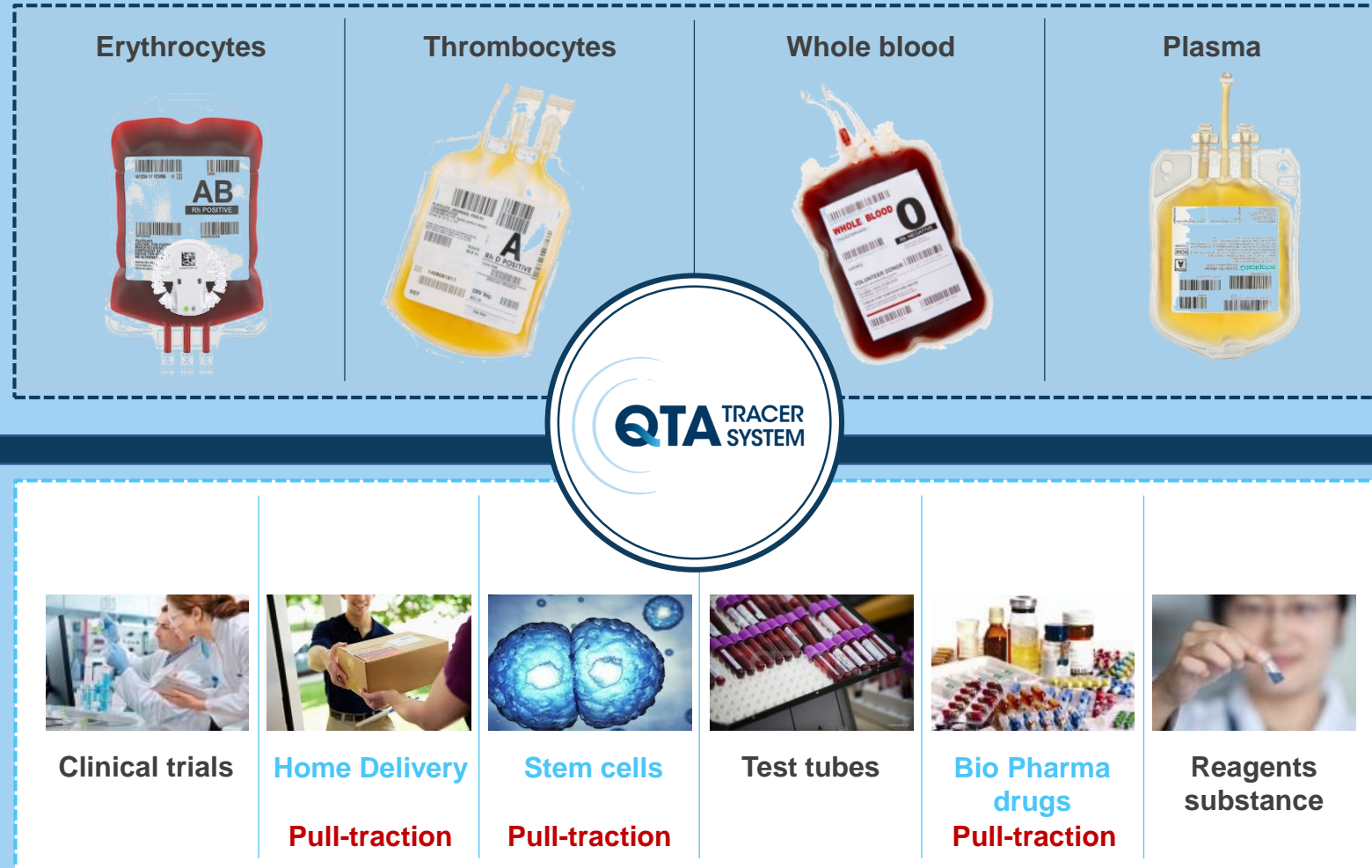
QTA is very flexible and could be applied to many processes



SPECIFIC PROCESSES

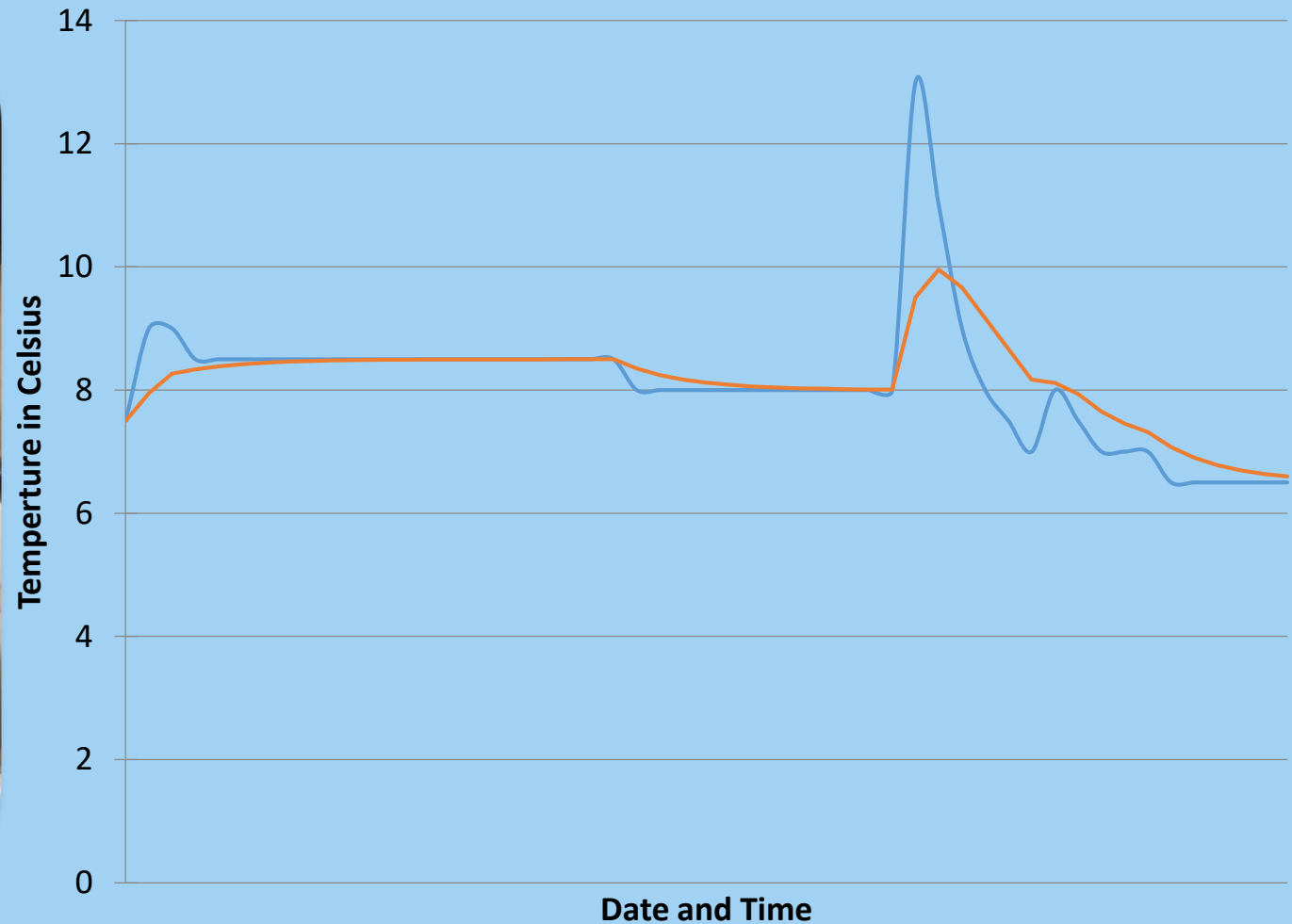
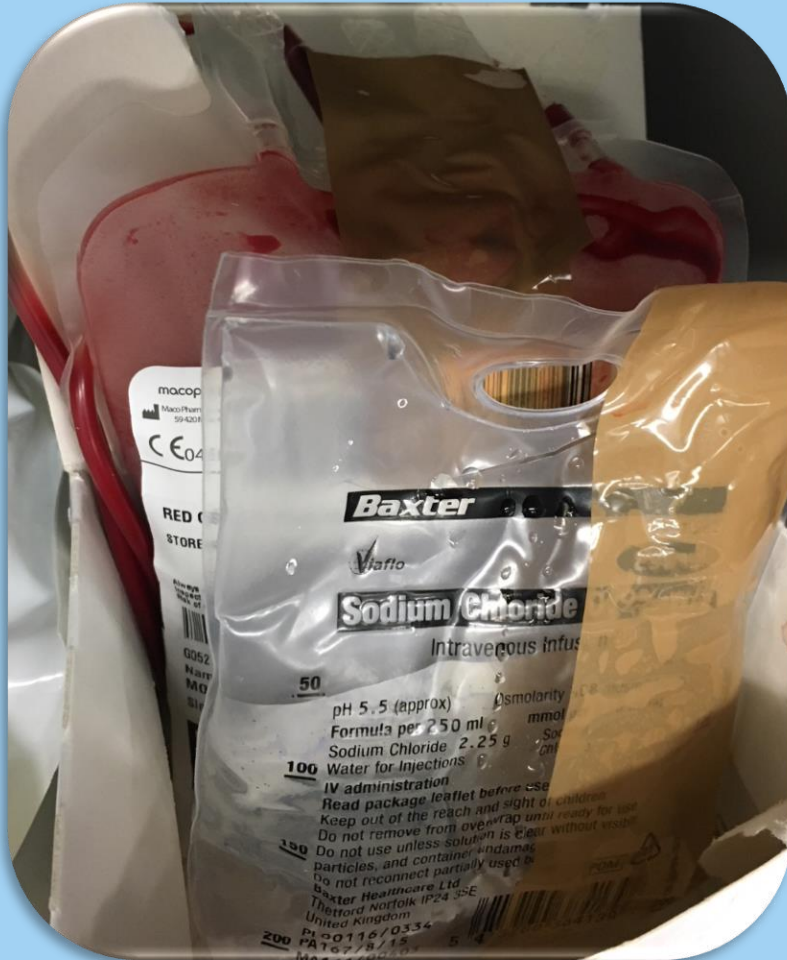


MULTIPLE APPLICABLE AREAS



TARDINESS FEATURE

SIMULATE THE CORE TEMPERATURE or INCREASE INERTIA



ADVANTAGES OF THE QTA TRACER SYSTEM



RECYCLING PROGRAM

QTA TRACER
SYSTEM®



Our Recycling program will alleviate the work burden regarding annual calibration requirement to comply with ISO 15189.

Annually Tridentify will exchange newly calibrated tracers in return for the used tracers, Lost tracers will be charged .

The ISO 17025 calibration of the QTA Tracers is performed by an external accredited laboratory is UKAS equivalent.

This means you will never have to think about calibration ever again and will always have access to the latest calibration certificates.

QTA TRACER SYSTEM

MEDICAL DEVICE 2A

FROM HOPING TO KNOWING


Blood and Transplant

Blood cannot be made – it must be donated

*The cost and the value of blood
are more than just financial*

