



Cold Chain Control of Blood Components

Automation and Safety Solutions for Healthcare

Patient **Safety** • **Comfort and Calmness** for the Professional • Operational Cost **Optimization**

IS THIS YOUR CURRENT SITUATION?



Certain **bags** are **discarded** due to the uncertainty of **temperature** they have been exposed to

Certain **bags** are not **transfused** when there is a doubt cold chain control has been properly maintained

PROPOSED SOLUTION



Individual blood temperature tracing for a **safer transfusion** of blood components, a **better quality control** of transported units and a **safer reuse** of returned units

DESCRIPTION

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FRIGEA Blood is a solution for cold chain control of each blood component before it is transfused or stored.

FRIGEA Blood traces the temperature of each blood component and allows to check if it has stayed within the predefined thresholds.

FRIGEA Blood is specially designed for hospital blood banks and blood establishments.

Benefits

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- Safer transfusion of each blood component
- Greater reuse of returned units
- Improved transfusion practice
 - Real time control, traceability, statistical reports, archived temperature logs
- Operational cost improvement
 - Errors, discarded and expired units, etc.
- Ease of quality audits

Use Cases

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Blood establishments:

- Control of blood donations from the collection points
- Control of blood shipments to hospitals
- Control of blood internal movements within blood establishments

Hospital blood banks:

- Bedside check before transfusion
- Check of blood units returned to the blood bank

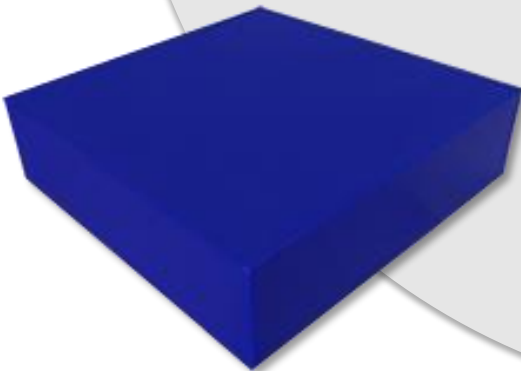
SOLUTION COMPONENTS



Temperature
logging card



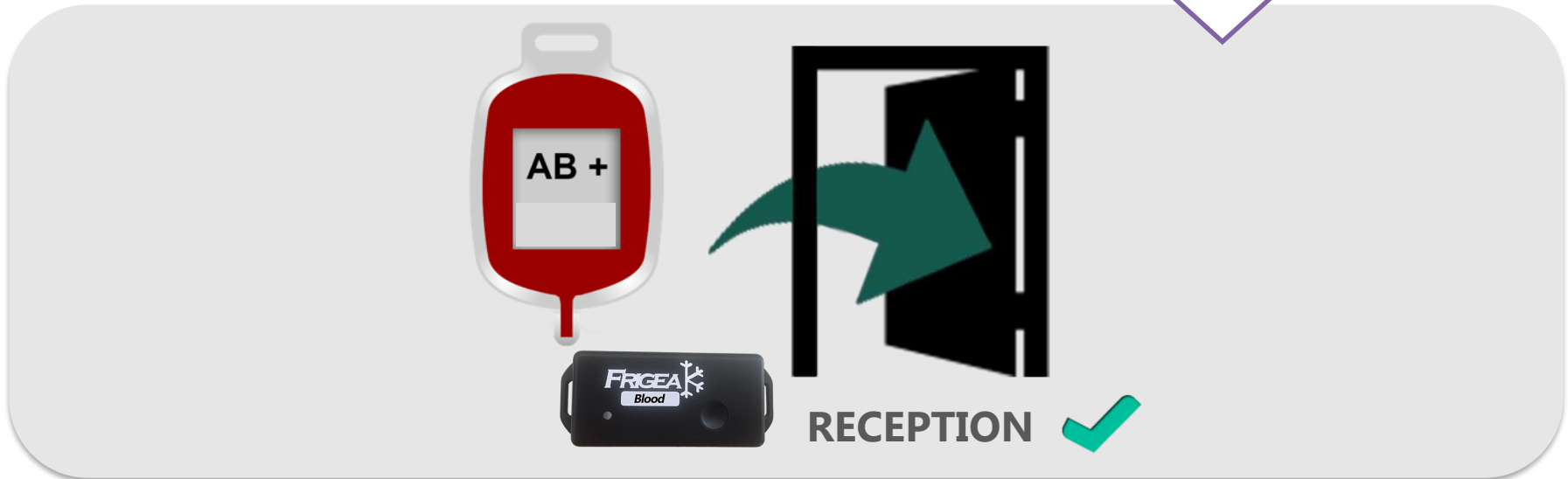
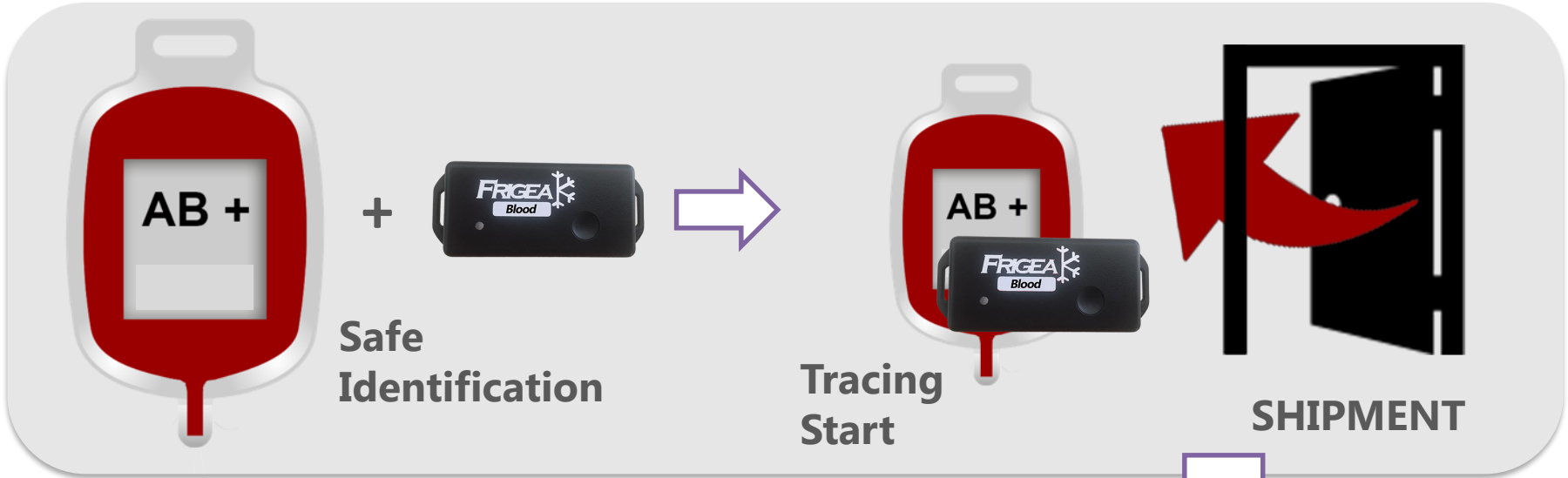
Desktop
application



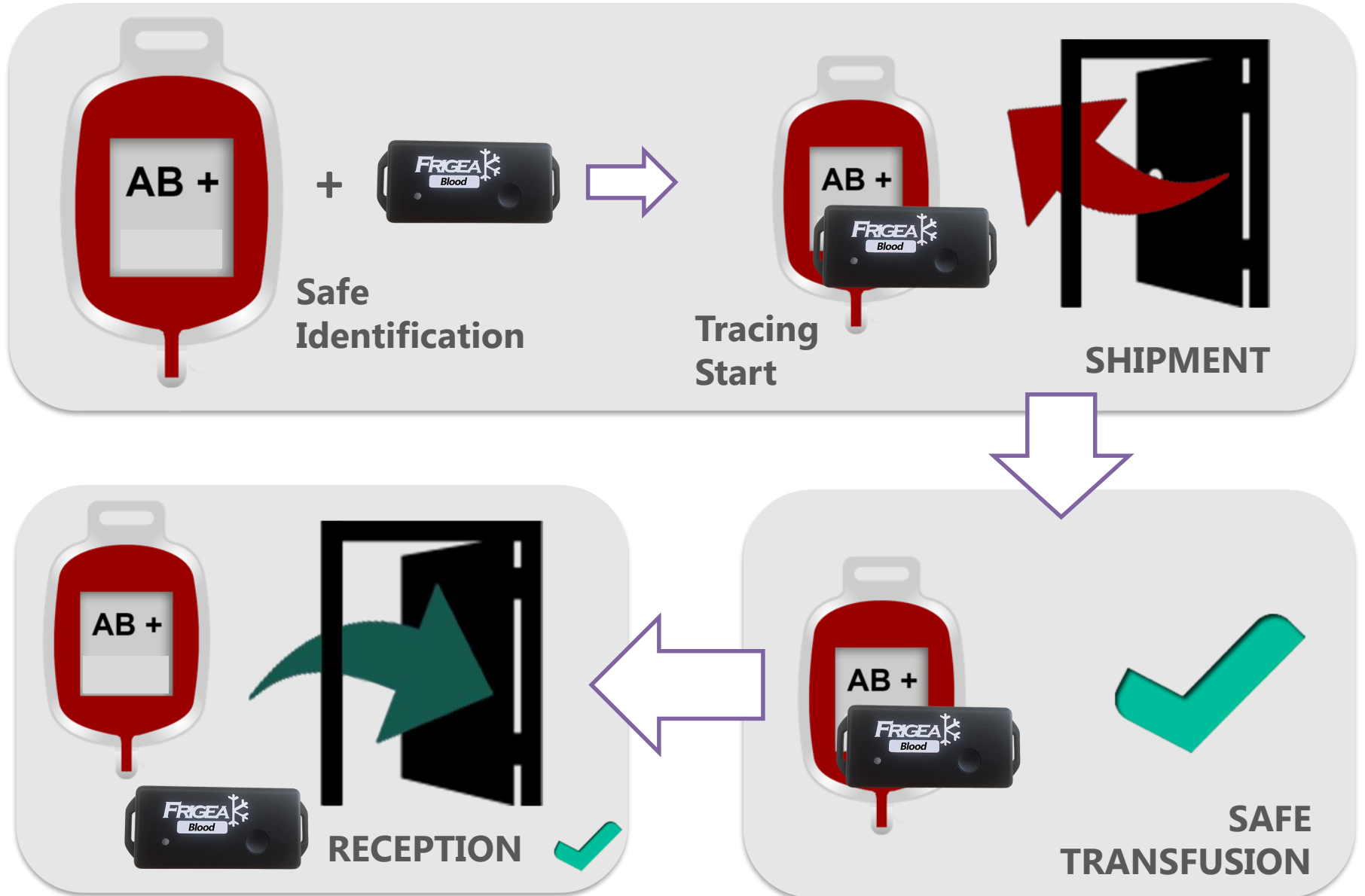
Read-write
desktop pad

OPERATIONS

Sequence of Common Operations (Blood Establishments)

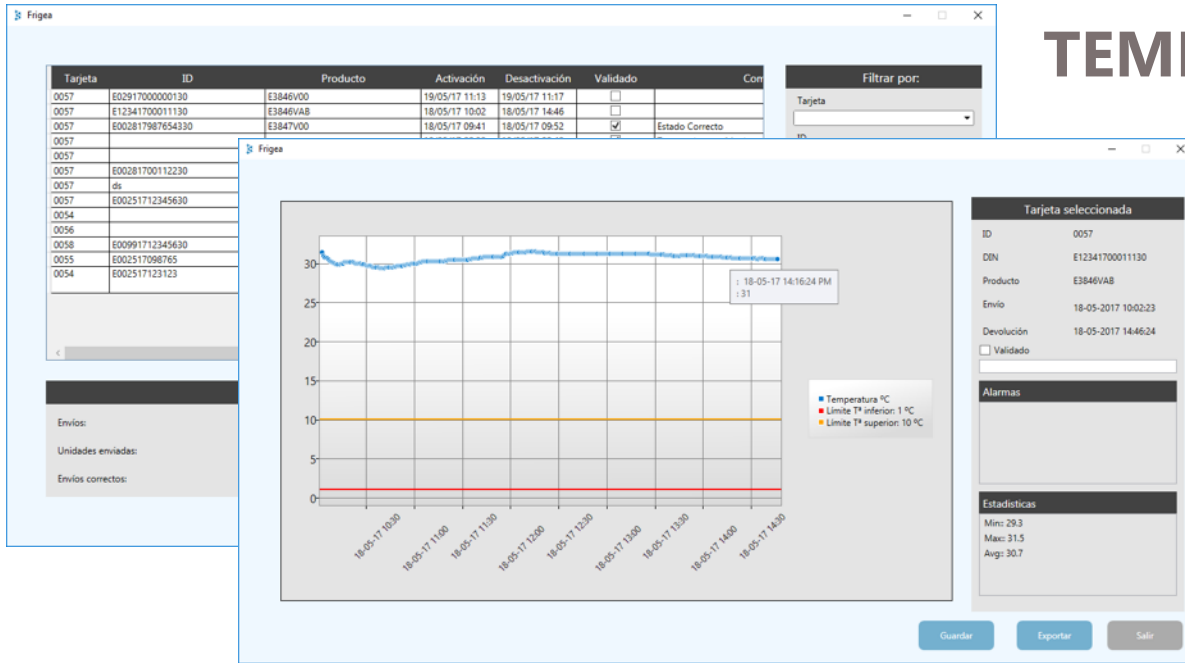


Sequence of Common Operations (Hospitals)



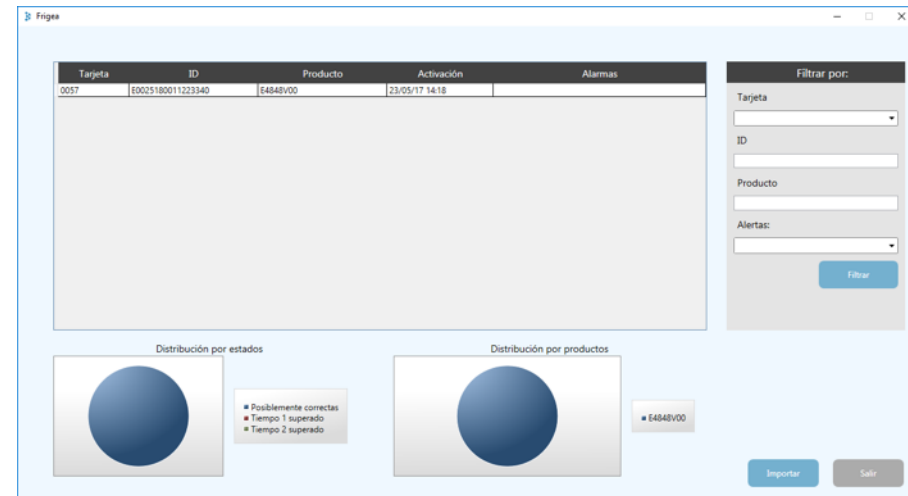
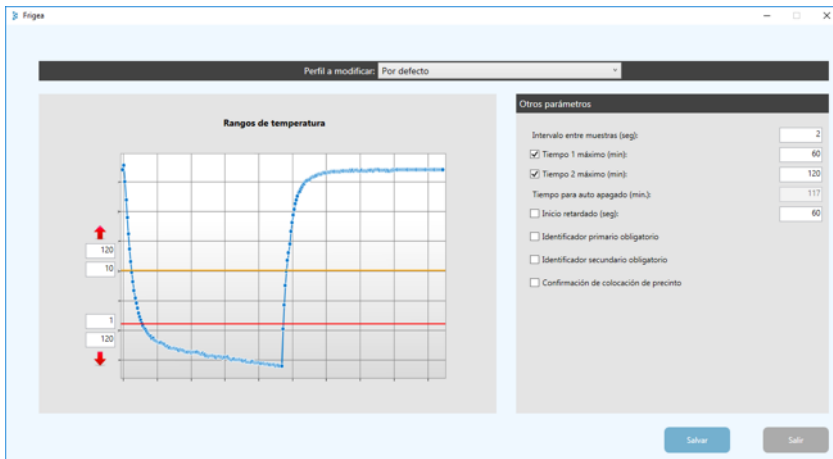
Other Operations

TEMPERATURE CHECK and HISTORY



CONTROL Panel

CONFIGURATION



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Tracing Life



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