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Connecting healthcare to empower people

CASE STUDY
Plasma Supply at LFB fractionation center

LFB ETHICAL COMMITMENT

Biolog-id and LFB Group have been partnering since 2008 to answer the LFB needs of optimized safety, cost reduction and improved working conditions on the plasma supply chain before entering the fractionation process.

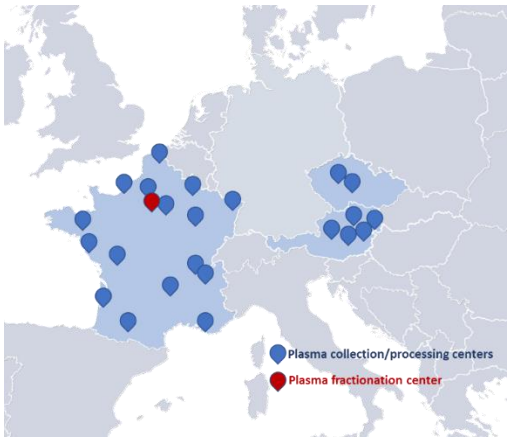
Context

LFB Group is a biopharmaceutical company specialized in the production and commercialization of biological medicinal products.

4 million plasma units are received every year at the fractionation plant (Les Ulis, France), stored and processed to produce pharmaceuticals in three major fields of therapy: immunology, haemostasis and intensive care.

Place

- France, Austria, Czech Republic (+20 Plasma collection and processing centers).
- Les Ulis, France (LFB fractionation center)



Key figures

- 18 million RFID plasma units processed over the last 6 years.
- 80% of the LFB Group plasma supply
- 100% of French plasma produced by EFS (Etablissement Français du Sang)
- 100% of the Europlasma supply (LFB Group subsidiary) from Austria and Czech Republic.

Challenges

The LFB needs were to better address the health-related, industrial and economic challenges thanks to improvement of their plasma supply organization.

Implementation perimeter

In 2012, after extensive qualification and validation processes, LFB Group and Biolog-id received the authorization from ANSM (French Health Authority) to implement the Biolog-Plasma® solution in the LFB plasma supply process.

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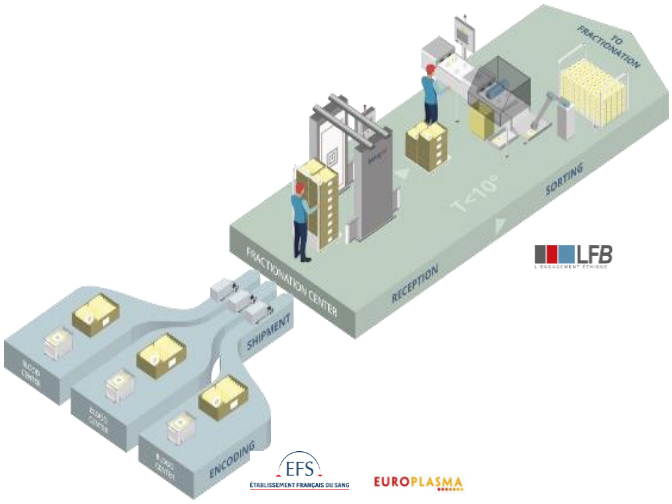
The Biolog-Plasma® solution has been deployed with the following setup:



For each plasma collection/processing center (Fr, Cz, Au):

- x1 to 2 RFID table-top reader to encode information into the Biolog-id RFID tag affixed to each plasma unit
- x1 RFID printer to encode RFID tags affixed to each shipping box
- Biolog-id software interfaced with the local Information Systems

LFB fractionation center (Les Ulis, Fr):

- x1 RFID Reception gate for incoming crates and pallets
- x2 RFID sorting lines for automatic sorting of each plasma unit
- Biolog-id software interfaced with the LFB Information System

Benefits

The LFB needs on the plasma supply chain have been achieved:

- Optimized quality and safety:
  - Elimination of sorting errors before entering the fractionation process
  - Reduced waiting time at +10°C for optimized frozen plasma quality
- Cost reduction:
  - Increased sorting throughput: 5 units/min -> 150 units/min
- Improved working conditions for staff:
  - Reduction of repetitive strain injuries
  - Reduced time spent in the +10°C environment

Medias