

## **DONORPORTAL**

**DonorPortal** is a web system fully integrated with the Blood Bank Management System (BBMS) that allows for the management of donors and associations.

### Features

- Management of donors appointments, both routine and urgencies
- Donations booking
- Management of external collections
- Management of administrative and secretarial activities: statistics, awards, sending letters, etc.
- Download by donors of their clinical reports from the Web Portal
- An updated bank of its members
- Award management





## Architecture

The **DonorPortal** platform consists of a central WEB portal (usable by users of associations, transfusion centres and the donor population) and a smartphone application compatible with Android and IOS systems typically used by the donor population.

The solution can also be natively integrated with all transfusion management systems or it can be supplied and installed in stand-alone mode.

### The web portal enables to:

1. Consult donors informations
  - Personal details
  - Preferences for donation
  - Donation eligibility
  - Immunohaematological card
  - Accesses
2. Book a donation
3. View the appointment book of each transfusion centre
4. Fill out the donor questionnaires
5. Manage awards

### The mobile application enables to:

1. View notifications
2. Book a donation
3. View donations history
4. Download clinical reports
5. Fill out the donor questionnaires
6. Manage awards
7. View important events in evidence
8. Access the Help - FAQs section



## Technology

The system is based on the native WEB architecture and resides on a web-server, with availability guaranteed 24 hours a day, 7 days a week

- Flutter technology for mobile application
- Angular user interface for web portal
- SSL connection: encrypted communication using SSL protocols for privacy protection



## Compliance

The product offered is compliant with the requirements of the current legislation for security and privacy in compliance with the GDPR. Of particular importance is the profiling of users and the access rights that can be assigned to them, for which a very high degree of flexibility is required.



## Advantages

### 1. Integration with the territory

The system guarantees optimal integration of the blood transfusion centres in the area in order to improve services to citizens, in particular:

- a single portal for the publication of reports, which can be downloaded by the citizen from the internet network;
  - an efficient support for the delivery of paper outpatient reports.
2. High level of service to donors
  3. Increase in safety of sampling sessions
  4. Improvement of integration between transfusion centres and donors
  5. Reduced reporting times and costs