

Enterprise Blood Management System–Donor (EBMS–D) FACT SHEET

EBMS–D is a web-based, enterprise-wide system that simplifies the Department of Defense’s blood donor management process. It uses three modules: donor, lab, and distribution. The system automates and streamlines blood center operations, managing blood from collection to manufacturing.

EBMS–D helps Armed Services Blood Program Division and Blood Donor Center staff track donor information, check eligibility, test products, and handle manufacturing. It reduces errors, improves communication, and makes it easier to manage donor deferrals. Used at 20 Blood Donor Centers, EBMS–D supports donor recruitment and inventory management by providing the right blood products to military hospitals and clinics for lifesaving transfusions.

Background:

During the COVID-19 pandemic, system updates helped with the collection and manufacturing of COVID-19 Convalescent Plasma (CCP) and antigen and antibody titer tests. An information technology solution enabled wireless connection between mobile servers and client laptops, reducing the need for IT staff. EBMS–D completed a major system upgrade in February 2023, including updates to two Armed Services Whole Blood Processing Laboratories and consolidation of EBMS content.



Key Features

- Collects and updates data in real-time during mobile blood drives
- Includes more than 40 safety checks and pathogen reductions
- Allows electronic registration of donors, improving speed and accuracy
- Approved and regulated by the Food and Drug Administration

Key Benefits

- Supports an enterprise-wide database of deferred donors
- Provides global support to DOD operations

EBMS–D is managed by the **Solution Delivery Division** Health Services Support Program Management Office.