MAK-SYSTEM

Global leader in healthcare software for the end-to-end management of blood, plasma, tissue, and cell products, from donation to clinical application.

https://mak-system.com/

Overview

MAK-SYSTEM, founded in 1984, is a worldwide leader in Blood Management systems, supplying innovative, end-to-end digital solutions to optimize the collection, storage, and distribution of blood, plasma, tissue, and biologics for cell & gene therapies.

Their comprehensive software portfolio is modular and includes core products like **eProgesa** (Blood Establishment Computer System and Plasma Management), **eTraceLine** (Transfusion Management System), **Cosmas/TCS** (Cell and Tissue Therapy Orchestration Platform), and **eDRM** (Donor Relationship Management). The platform is designed to digitalize and automate the entire value chain, ensuring full traceability, efficiency, and safety for products of human origin.

MAK-SYSTEM's solutions are utilized by Blood Centers, Plasma Centers, Transfusion Services, Tissue Banks, and Cell & Gene Therapy Centers in over 35 countries, managing nearly 1 in 3 blood donations globally.

MAK.care, launched in 2022, is the company's global cloud platform for blood and biological products delivered as a managed service in partnership with AWS. This managed service model includes 24/7 global support, cybersecurity, encryption, backups, and disaster recovery, allowing clients to focus on their core business.

Key Capabilities:

End-to-end automation and traceability of blood, plasma, tissue, and cell products.
Donor recruitment, communication, and management (eDRM).
Integrated hospital transfusion management and laboratory services (eTraceLine).
Patient-centric platform for tissue, cell, and gene therapy supply chain orchestration (Cosmas).
Compliance with global regulatory standards (FDA, AABB, ISBT 128, etc.).

Key Features

- End-to-End Traceability (Vein-to-Vein)

- Blood Establishment Computer System (BECS)

- Plasma Management

- Transfusion Management

- Cell & Gene Therapy Orchestration (COI/COC)

- Tissue Bank Management

- Donor Relationship Management (eDRM)

- Managed Cloud Service (MAK.care)

- Regulatory Compliance Management

Pricing

Model: enterprise

Pricing is not publicly disclosed. Solutions are typically offered as a managed service (MAK.care) via a long-term contract (e.g., 10 years) with a transaction fee or subscription model.

Target Company Size: enterprise

Integrations

Amazon Web Services (AWS), EHR Systems (via API), MES Systems (via API), Logistic Providers (via API), Lab and Manufacturing Devices

Compliance & Certifications

FDA 510(k) Clearance (eProgesa), European MDR (CE-Mark), AABB Standards, FACT Standards, JACIE Standards, ISBT 128