



CrossTrax-DT

Protect Crossmatch Transfusion Services During LIS Downtime

When a LIS or HIS system goes offline, transfusion services must still operate safely and efficiently. Crosstrax-DT allows blood banks to continue producing ISBT-128 compliant crossmatch labels during downtime, ensuring uninterrupted workflow, patient safety, and regulatory compliance.

Why CrossTrax-DT?

CrossTrax-DT ensures continuity of transfusion operations during LIS outages while enhancing patient safety through clear, color-coded compatibility indicators. Designed for efficiency, it enables rapid data entry by scanning ISBT-128 barcodes and eliminates the need for handwritten labels during downtime. With minimal staff training required, CrossTrax-DT integrates seamlessly with Digi-Trax printers, scanners, and blood bank labeling solutions—providing a reliable, streamlined approach when it matters most.

The screenshot shows the CrossTrax-DT software interface. It is divided into several sections:

- Patient Information:** Includes fields for Patient Name (Test Patient), Sex (Male), DOB (02/02/2026), MRN (132125423), and Patient ABO/RH (A-NEG).
- Downtime Transfusion Tag:** A central area with a QR code and fields for Transfusion Tag, Patient Information, and Product Information.
- Product Information:** Includes Unit Number (W999928123456), Component (E0001 WHOLE BLOOD...), Donor ABO/RH (A-NEG), and Crossmatch (Compatible).
- Unit Exp Date/Time:** 02/23/2026 23:59.
- Crossmatch Expiration Date/Time:** 02/26/2026 23:59.
- Select Printer:** Designer 25021 3004.
- Buttons:** Refresh and Print.



Simple Downtime Workflow

Our simple downtime workflow streamlines the process from start to finish: just scan the ISBT-128 blood unit barcode, enter or scan the patient MRN, select the proper Product Code, and then select the Donor ABO/RH plus the appropriate compatibility status. From there, a fully compliant crossmatch label is generated and printed instantly - ensuring accuracy, efficiency, and continuity of care even during system downtime.

Key Features

- Scannable or manual entry for Patient MRN and Unit Number
- Patient ABO/Rh selection
- Crossmatch label formatting
- Full ICCBA product database lookup (E-Code or description)
- Product expiration and crossmatch expiration fields
- ISBT-128 compliant labeling
- 2D DataMatrix barcodes for efficient data capture
- Single 4x6 label output (4x4 bag label + perforated 2x4 documentation label)
- Compatibility selection:



Kit Includes: Digi-Trax Crosstrax DT software, SATO CT4LX blood bank printer, 1D/2D barcode scanners, ISBT-128 compliant blood bank labels