

**2026
DEFENSE HEALTH INFORMATION
TECHNOLOGY SYMPOSIUM**

**AUGUST 11-13, 2026
HYATT REGENCY NEW ORLEANS
NEW ORLEANS, LA**

From Data to Decisions: Forging a Health Intelligence Common Operating Picture

Ronald Williams, Jr., PMP



Agenda

1 Overview: Learning Objectives & JOMIS Mission

2 MedHub & MEDIX Capabilities

3 War Data Platform Integration

4 Data Flow Process

5 MedHub and MAVEN Smart System Integration

6 Single Common Operating Picture

Speaker Introduction



Ronald Williams, Jr., PMP

Joint Operational Medicine Information Systems
Defense Health Agency

Ronald Williams currently serves as the assistant program manager for the Joint Operational Medicine Information Systems program management office. Additionally, Mr. Williams is the infrastructure integration lead that oversees the Operational Medicine Data Service (OMDS), JOMIS Storefront, TRAVAX and TRAC2ES, and MedHub.

Learning Objectives

- 1** Define how JOMIS Priority 2 turns disparate data streams into unified health intelligence for command and control/situational awareness (C2/SA).
- 2** Identify the initial data domains—Blood, Beds, and Patient Movement—that form the pillars of the Health Intelligence Common Operating Picture.
- 3** Describe how the MedHub platform functions as the engine to forge raw data into actionable health intelligence.
- 4** Explain the VAULTIS principles that govern the program's efforts to deliver trustworthy and reliable health intelligence.

Heroes of Military Medicine Speech – 7 May 2026

“We cannot meet the challenges of 2030 with the tools of 2010. We need this community to build *three critical capabilities*.”

1. See the Battlefield

“The first is visualization... Commanders must be able to **see medical readiness and risk in real time** – just as clearly as they see the maneuver enemy.”

2. Trust the Data

“More data is better. Better data is better. We need **standardized data tied directly to the outcomes that matter**: readiness, survivability and recovery. When aligned with operational needs, **data stops being a metric and starts becoming a weapon**.”

3. Predict and Prepare

“[We need] proactive and prescriptive action. Despite our best efforts, we are still too reactive. We need **systems that anticipate medical challenges, predict risks** before they arrive, and **prescribe actions** to improve outcomes.”



General Mahoney

Vice Chairman, Joint Chiefs of Staff

Supporting the Warfighter with Modernized Healthcare Solutions

Enhancing Medical Readiness Against Evolving Threats

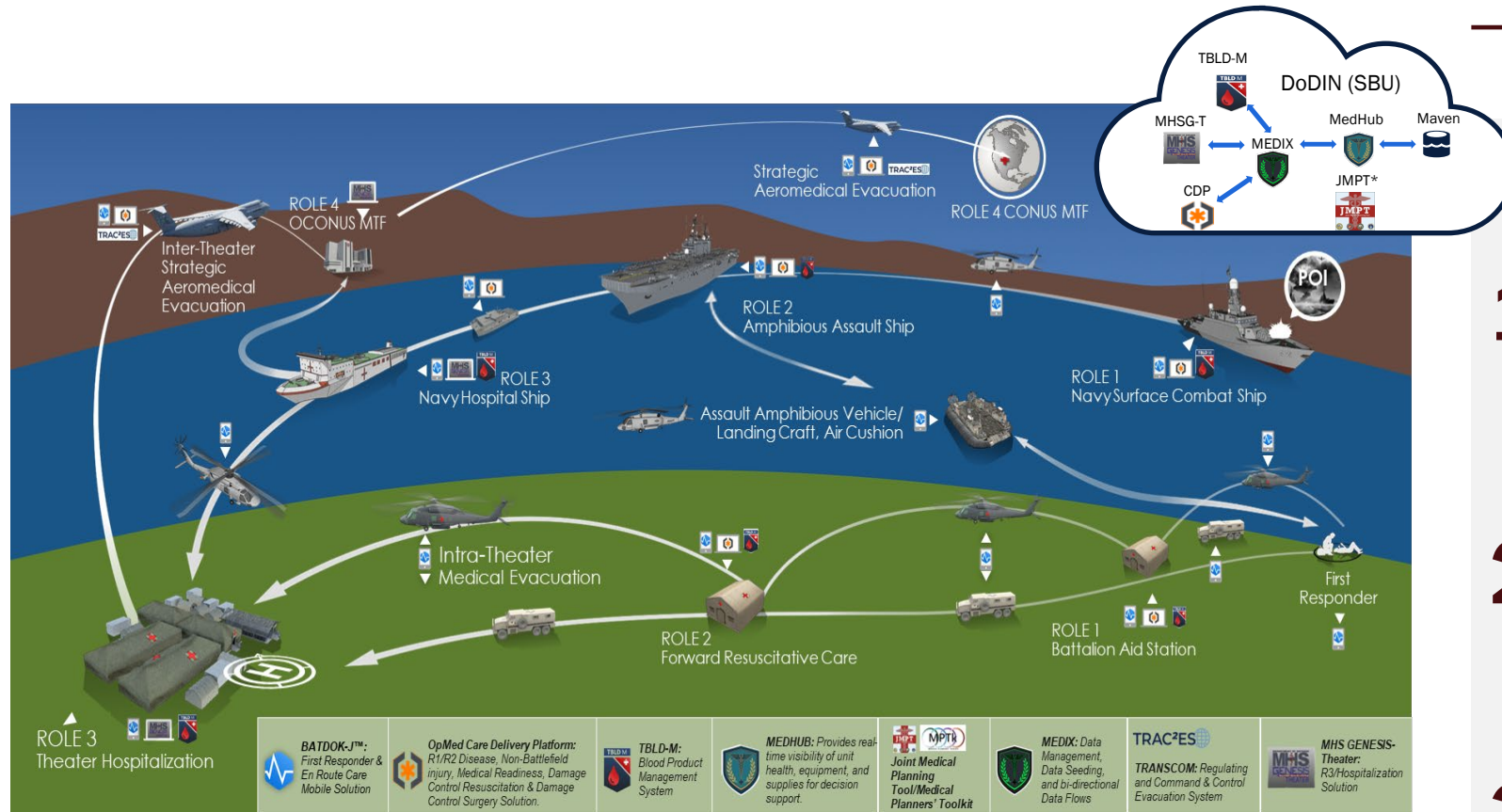


Image shows the patient care journey from point of injury through Roles 1-4, including enroute care modalities and tools applicable at each stage. Upper right shows high-level dataflow overview of the JOMIS suite of solutions in the cloud.

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JOMIS Priorities

See the Battlefield

1 Deliver an integrated JOMIS product suite (HCD, TBLD-M, MedHub), integrated with Maven Smart System.

Trust the Data

2 Full medical C2/SA from the tactical level to Maven Smart System.

Predict and Prepare

3 Cloud migration and model modernization for JMPT/MPTk.

MedHub / MEDIX Capabilities

Adhering to the VAULTIS Framework



MedHub Capabilities



Clinical Operations
(ClinOps)



MedReports



Patient Tracker



Blood Reports



Health Services Placemat



Medical Transient
Detachment



Health Surveillance
Explorer



MEDIX Capabilities



API



COLLECTOR



NEO



SYNC



ORCHESTRATOR

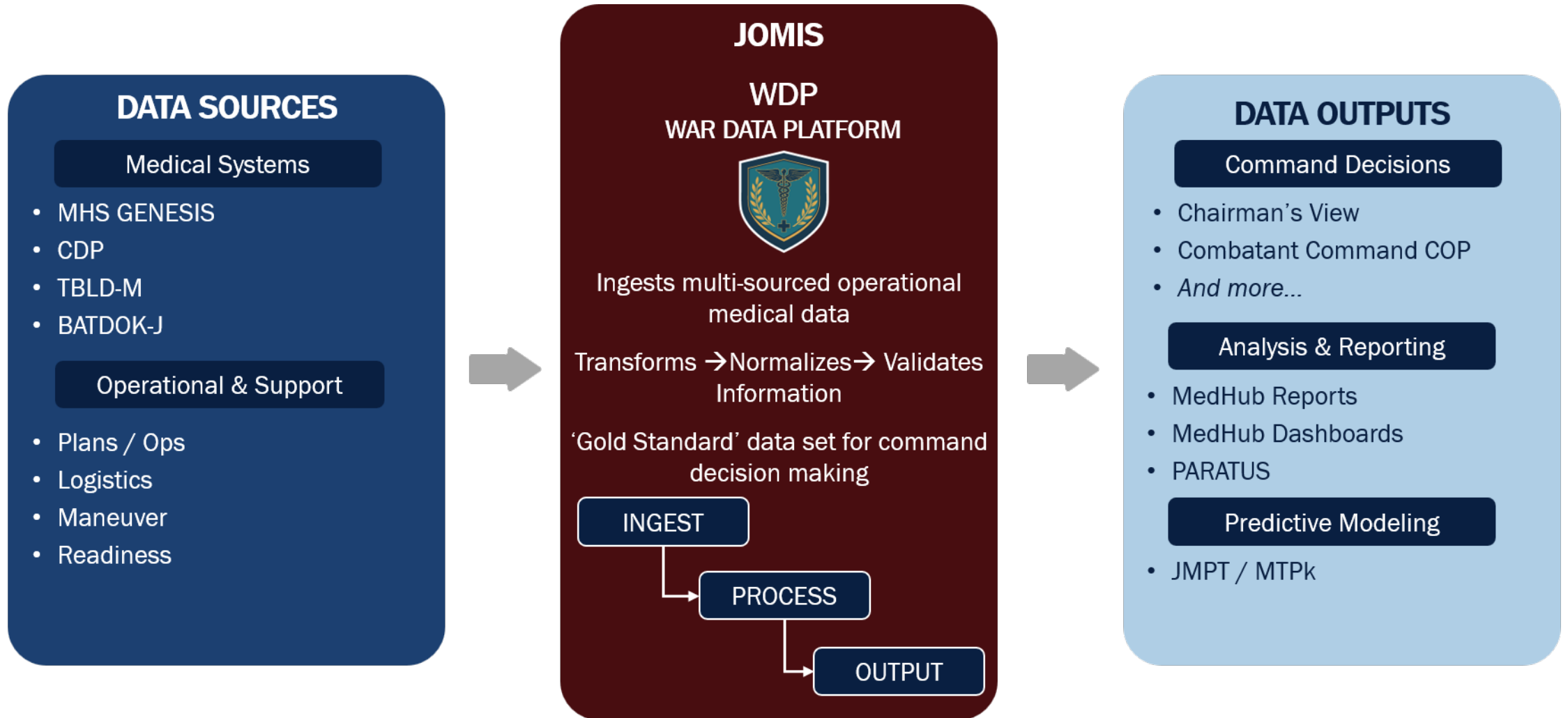


ANALYST



PORTAL

War Data Platform Integration



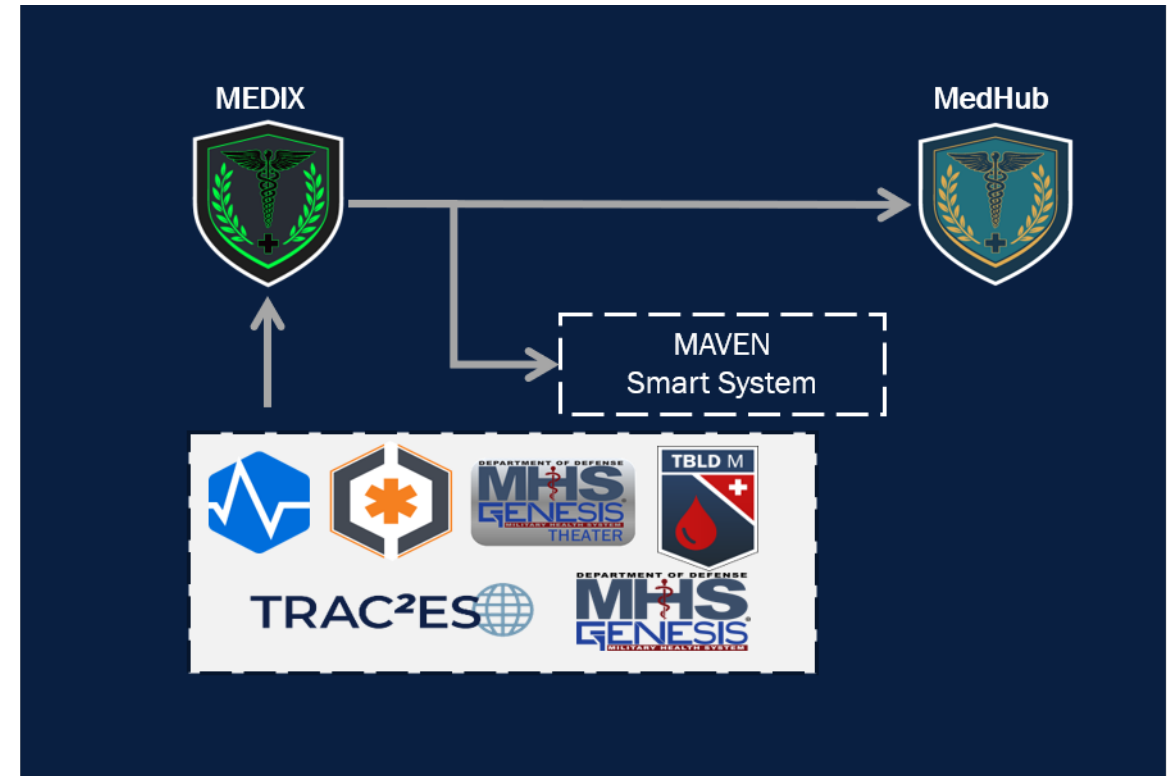
Raw Operational Data

Normalization & Validation

Gold Standard for Decision Intelligence

The Medical EHR to C2 Data Flow

- 1** MEDIX leverages War Data Platform data and aggregates to feed both MedHub and MAVEN Smart System.
- 2** MAVEN Smart System integrates medical readiness into the larger warfighter picture.
- 3** From medics on the ground to Joint commanders, JOMIS unites the continuum of care with the continuum of command, delivering critical information at every echelon.



View Data Flow!

<https://www.dvidshub.net/video/1002182/jomis-ecosystem-data-flow-video>

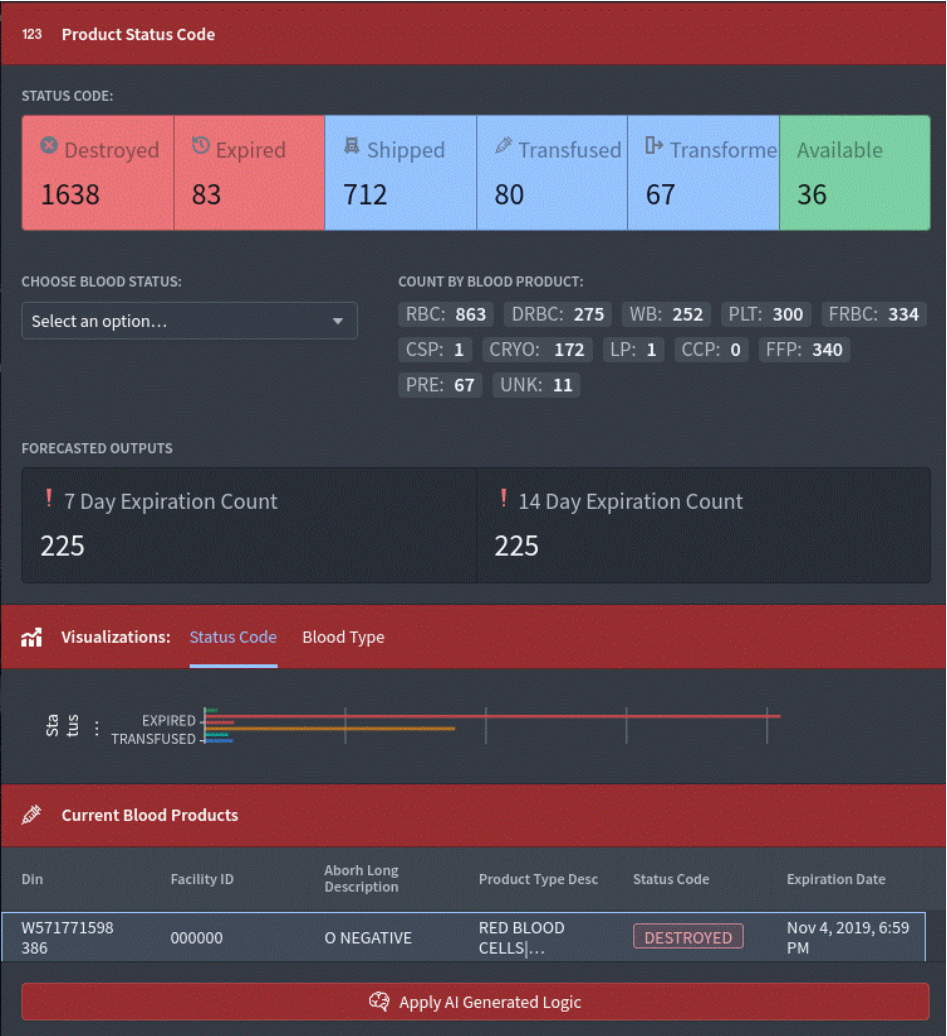
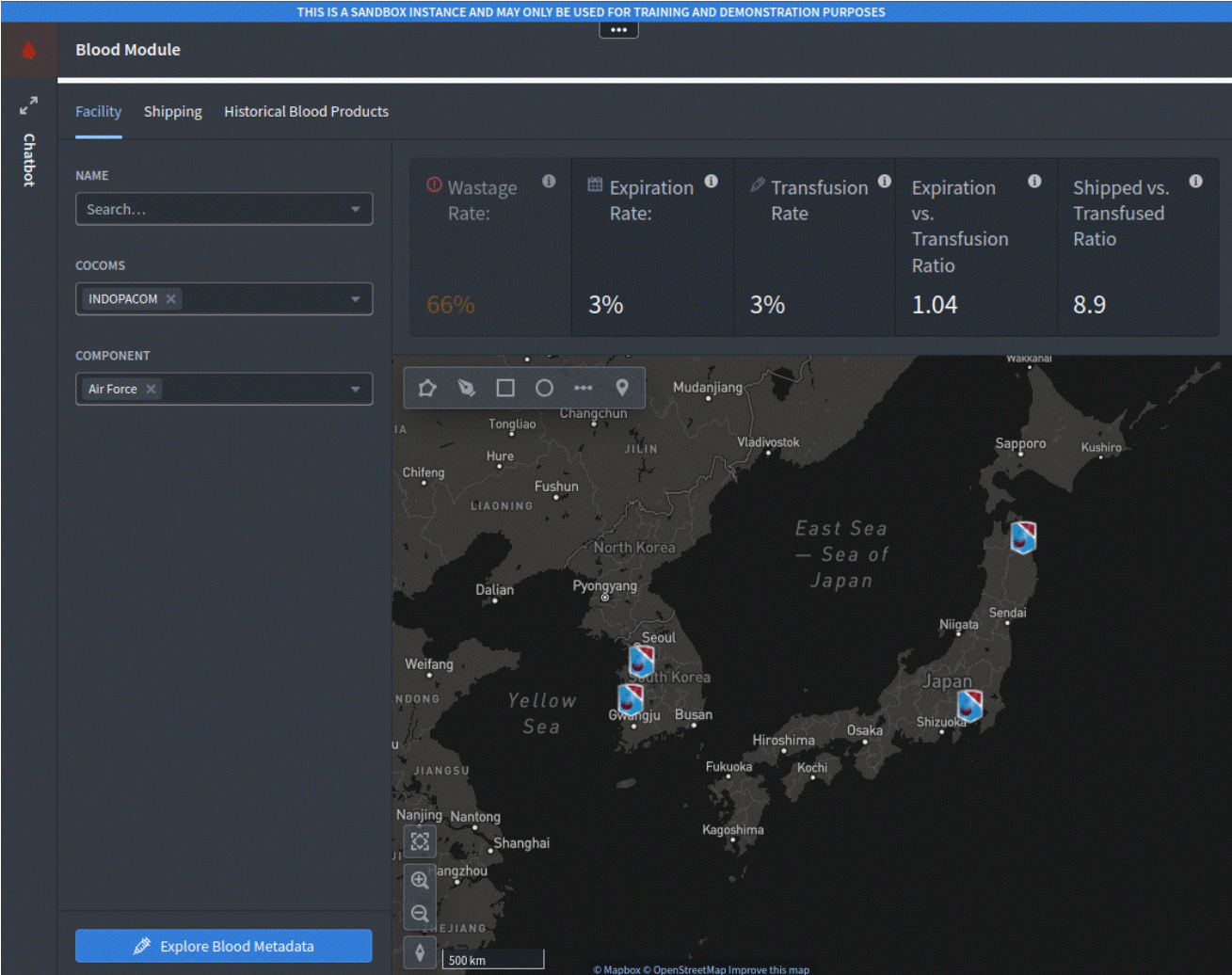


MedHub and MAVEN Smart System Integration: Active & Planned

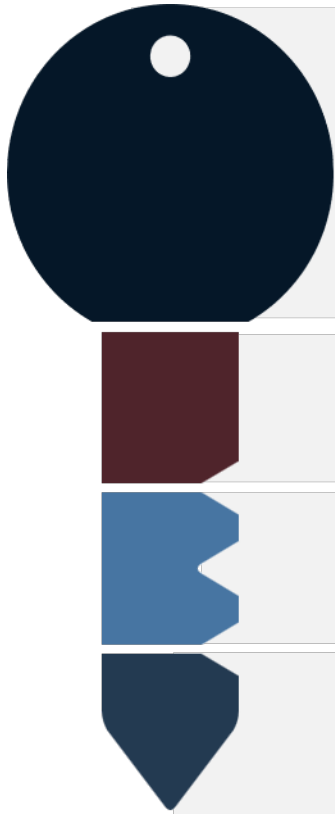
Key Information Shared with MAVEN Smart System by Data Set

Blood	Beds	Annex Q Status	Patient Surveillance
Facility Name and UIC, Product Type (e.g., RBC, Whole Blood), Blood Type (e.g., O Positive), Expiration Date, Current Status (e.g., Available), and Storage Location. <i>Upcoming: Additional fidelity of garrison blood data as well as donation data</i>	Provides counts for beds status including authorized, occupied, and available numbers, rolled up by facility, command, and/or unit. <i>Upcoming: Additional bed sources (International SOS host nation, NDMS, etc.)</i>	Provides counts for other Annex Q type information, such as equipment, supply, personnel, etc. <i>Upcoming: Expanded data sources and fidelity with deployment and incorporation of modern JOMIS suite of systems</i>	<i>Requested and upcoming.</i> Will provide counts for patients in a specific DNBI category without any PHI/PII information attached. Allows for surveillance at the unit and organizational level without providing the full health record.
Active			Planned

Single Common Operating Picture



Key Takeaways



Expanded data integrations enable MedHub users to have a comprehensive and accurate data picture to optimize medical command and control/situational awareness (MedC2/SA).

MedHub leverages information from War Data Platform that has been transformed, normalized and validated.

MedHub and MAVEN Smart System have begun sharing data, with additional key information planned to be integrated in the near future.

MedHub and MEDIX platforms to transition from raw data collection to proactive, data-driven decisions within medical command structures.

Contact

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Thank You!



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