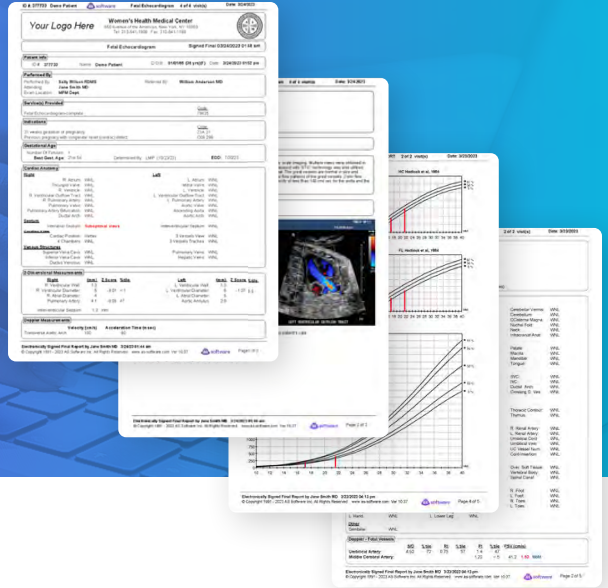




AS Software & Epic



The Epic Ultrasound Reporting Integration by AS Software

AS Software's Epic-integrated ultrasound reporting and image management solution provides a reliable and adaptable platform to enhance ultrasound workflow automation.

This solution seamlessly exchanges data with Epic, featuring a user-friendly interface and advanced integration capabilities that contribute to efficient patient care and streamlined operations within the Epic ecosystem.

Whether it involves an EpicCare Ambulatory workflow or a Radiology workflow through Epic Radiant, our adaptability ensures a cohesive experience within a single enterprise application to support your desired Epic-driven workflows.

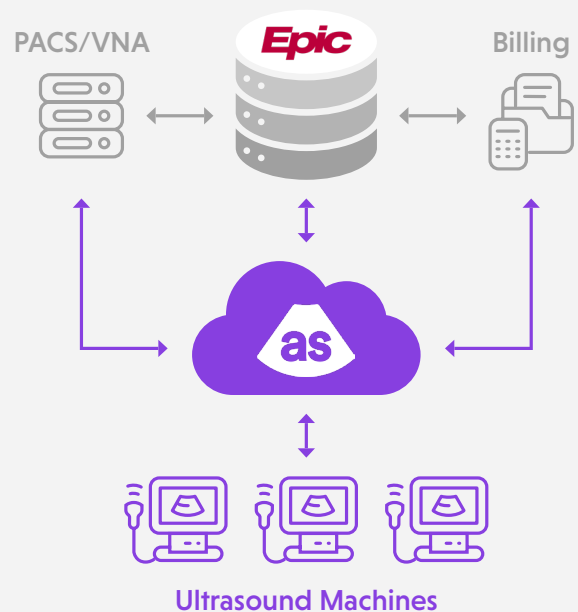
100+ Enterprise Epic Integrations

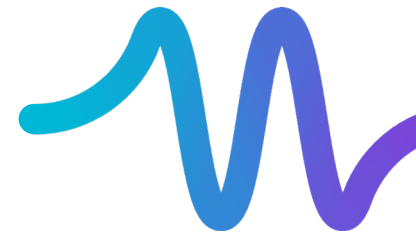
30+ Years of Experience

Enhancing Clinical Workflows

The AS cloud platform is designed for more effective clinical workflows, offering:

- Web-based accessibility & collaboration within a secure cloud environment
- Local or remote capture of ultrasound images & measurements
- Diagnostic reporting automation
- Short or long-term image storage for instant access
- Intelligent data mining for research & accreditation
- DFT billing interface for automated charge capture





1 HL7 Bi-Directional Interfaces

AS Software's bi-directional HL7 orders and results interface offers seamless integration.



Orders Inbound

- Orders are created in Epic and released to AS upon patient arrival.
- The AS report is linked to a single order or multiple Epic orders (MOPS).
- The ordering diagnosis automatically imports into the AS report.
- Epic order modifications when using Radiant are sent to AS, updating the order in AS.



Results Outbound

- The AS report is sent out to Epic upon signature via an HL7 ORU (Observation Result Unsolicited) interface.
- The final textual report files in Epic and finalizes all Epic orders.
- The final PDF report is saved to Epic's Binary Large Object (BLOB) server or forwarded to a document management repository like OnBase. PDFs may include growth charts, diagrams, or significant images attached to the AS report.
- The final list of ICD-10 codes added in AS is forwarded to Epic and filed in Epic as the resulting diagnosis.



Billing from Orders

- Epic can automatically drop charges when orders are finalized if a billable code is attached to the order in Epic.

2 Billing Interface

The HL7 Billing Interface (optional) streamlines billing processes by automatically forwarding billing CPT (Current Procedural Terminology) and ICD-10 codes added to the AS report via an HL7 DFT (Detailed Financial Transaction) feed to Epic.

It seamlessly integrates with Epic's Charge Router to drop global, professional, and/or technical charges where applicable, simplifying billing operations by making AS the source of truth for which procedures must be billed. Users can also add a new performable procedure in AS without changing or adding a new order in Epic.

3 Plugin Integration

AS Software offers seamless plugin integration into Epic, supporting context sharing in a unidirectional or bi-directional workflow. This plugin enables AS Software to seamlessly open patient records within AS as they are viewed within Epic. The plugin also enables AS to trigger Epic to open its patient record matching the AS report accession, utilizing an AS-driven workflow.

4 99.9% Uptime Guarantee

The system provides a robust 99.9% uptime guarantee, ensuring continuous availability of critical healthcare data. This reliability is essential for a seamless integration with Epic.

5 Cloud Hosted Environment

The solution is hosted on Microsoft Azure, with the provider maintaining server ownership. This cloud-based approach facilitates Epic integration, offering scalability and accessibility.

6 Structured Reporting

Parse structured report data sent from any ultrasound device, any manufacturer, any model, any version, as well as non-DICOM standard private labels defined by users. This allows for a seamless user experience, eliminating the need for manual data entry. It creates a structured report that is easy to read, used for research, and is favored by referring providers.

7 Image Management

Images can be archived in a VNA (Vendor Neutral Archive) or PACS (Picture Archiving and Communication System) upon signature. The VNA and PACS will send Epic an image availability link. The Epic link opens a universal DICOM viewer to review images from within Epic. This optimizes image management within the Epic environment.

8 Customization

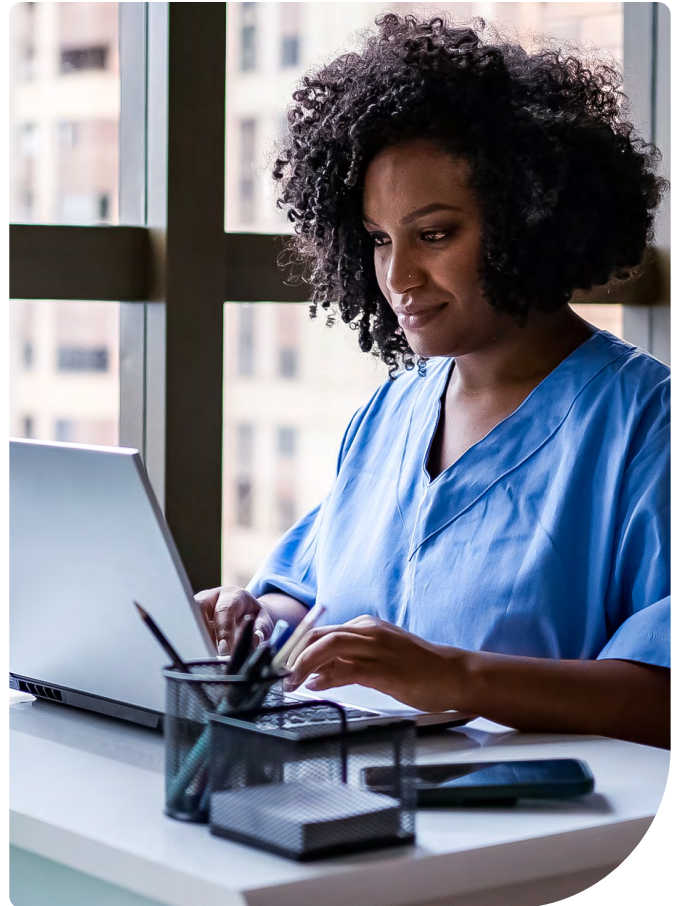
Extensive customization options empower users to tailor reports and workflows to align seamlessly with Epic. This customization ensures a harmonious integration experience.

9 Closed-Loop Process

Reports are seamlessly distributed to Epic as plain text and visually appealing PDFs, ensuring a closed-loop data management process. Epic can forward the plain text reports to other systems that need it (PACS/VNA, etc.).

10 Collaboration with Epic Team

Collaboration with the hospital/health system's Epic team ensures efficient data flow management. This includes receiving data into the system, feeding discrete data back into Epic if needed, and comprehensively supporting clinical, billing, and outcome data.





11 Efficient Patient Record Access

Users benefit from quick access to patient records within the Epic-integrated environment, enhancing efficiency and reducing navigation complexity.

12 Web-Based Access

The system is accessible through web browsers, allowing flexibility for users to access it within the Epic environment, including dual-monitor setups commonly used by healthcare professionals.

13 Data Comparison

Users can easily compare patient data across different time periods, procedures, or visits, facilitating comprehensive patient care within the Epic platform.

14 HIPAA Compliance

The system strictly adheres to HIPAA compliance standards, ensuring the security and confidentiality of patient data – a prerequisite for successful integration with Epic.