

Why EmOpti?

- Clinical throughput metrics.
- Provider experience and safety.
- Patient experience and safety.
- Tele-triage.
- Rapid discharge.
- Virtual rounding.
- Virtual registration.
- Automated discharge teaching.
- Social services virtual consults.
- Specialist virtual consults.
- Hospitalist integration.

Product overview

Health care facilities struggle to meet variable patient demand with fixed numbers of on-site staff for unscheduled care. EmOpti's Emergency Medicine Workflow Solution optimizes emergency department and urgent care workflows by enabling a combination of on-site and virtual resources. This enables healthcare centers to collaborate and improve patient outcomes while improving staff productivity. Proven effective in high-volume environments, EmOpti enables providers to perform nearly double the number of consults per hour as in-person staff using the same process.

Product features

Data-driven virtual care across your health system

By adopting an EmOpti-powered command center, every decision and intervention is carefully calculated with data ranging from system-wide metrics to individual patient history.

Seamless electronic medical record (EMR) integration

Configured to act as an extension of the EMR for both the requestor and the responder, EmOpti is seamlessly integrated, so all information is accessible. No redundant data entry tasks are needed to sync EmOpti consult requests or responses with the EMR.

Secure. Reliable. Scalable.

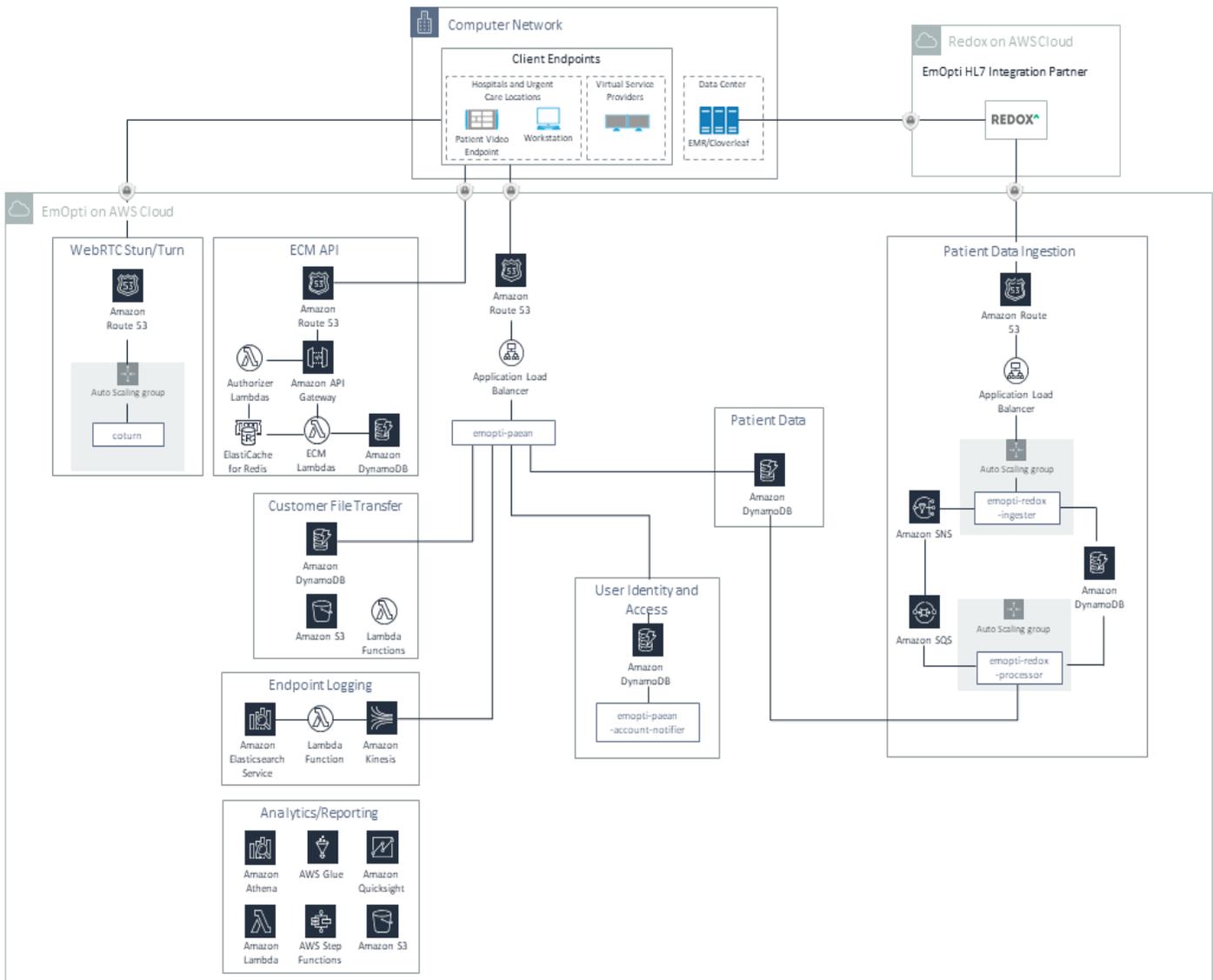
The workflow automation platform is built with security and compliance as a number one priority. Built on a secure foundation, the platform can give customers peace of mind as they roll it out across multiple health systems.



Reviewed

How it works

EmOpti and Amazon Web Services (AWS) have collaborated to create a new generation of technology tools to transform emergency medical care. In-hospital acute care settings clearly require design and transformation services beyond basic video technology. Building on the secure, scalable AWS core offerings, EmOpti and AWS are addressing the needs for health systems with Clinical Workflow as a Service (CWaaS). EmOpti provides a series of new building blocks that can be configured to meet a wide variety of use cases in acute care.



Differentiators

- Remote providers can perform nearly double the number of consults per hour as in-person staff using the same process.
- Remote staff supports multiple facilities simultaneously through load-leveling that better matches resources to fluctuating demand.
- The platform takes advantage of multiple AWS infrastructure components to deliver super-fast provider workflows with unique virtual consult routing and queue management.

Jefferson Health Removes Barriers to Healthcare with EmOpti on AWS

Challenge

Jefferson Health wanted to decrease the rate of patients who leave emergency departments without being seen or evaluated.

Solution

Jefferson Health used EmOpti's virtual health and workflow optimization tool on AWS to boost staff productivity, reduce labor costs, and increase revenue while maintaining the quality of patient care.

Benefits

- Handled 25% spike in patient volume overnight
- Implemented Emergency Medicine Workflow Solution in 2 weeks
- Reduced patient wait times by up to 75%



About Jefferson Health

Jefferson Health comprises 14 hospitals, 2,851 licensed beds, 3,700 physicians and practitioners, and 7,200 nurses in the Philadelphia region. It's nationally ranked by US News & World Report in nine specialties, including ophthalmology and rehabilitation.



About EmOpti

EmOpti offers an in-facility workflow optimization and virtual health software to improve the care delivery process in medical centers. It was founded in 2016 by Dr. Edward Barthell, who worked as an emergency physician for more than 20 years.

“ If Jefferson Health says, ‘Let’s turn on another three hospitals next week,’ we can do that with ease because the AWS infrastructure scales so dynamically. ”

—Edward Barthell, founder and CEO, EmOpti

Data points

15%

Increase in clinician productivity

4-10X

Productivity yield

45 min

Decrease in overall throughput

60%

Patient satisfaction increase

Additional resources

- [Schedule a demo](#)
- [View a case study](#)