

# Theater Gap Analysis

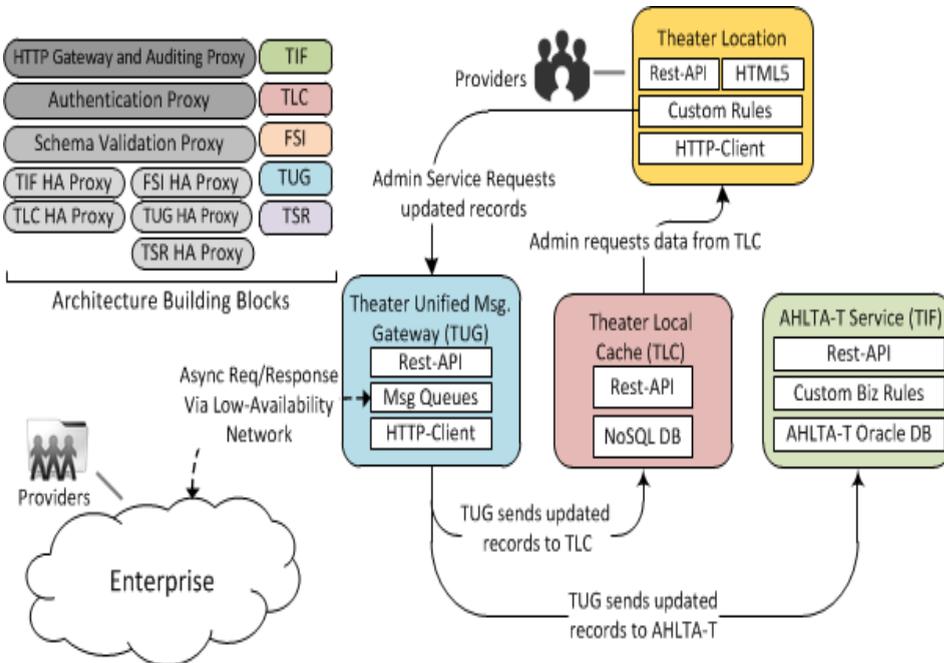
## Research Study of Theater System Capability Gaps and Cloud-Based HIT Solutions

The program provides research, analysis and recommendations to identify critical As-Is Theater systems capability gaps and applies best practices to working prototypes to solve these gaps within a To-Be service-oriented architecture

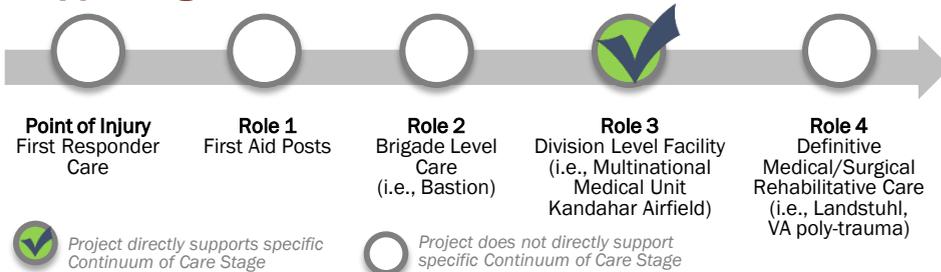
Today's Theater Medical Information Program (TMIP) consists of several, disparate legacy systems that are complex and require significant time to develop, test, and deploy new capabilities. This study identifies critical capability gaps, solutions, and faster implementation strategies. The proposed TMIP replacement technology-agnostic architecture:

- Addresses and effectively solves identified gaps across services
- Is interoperable within existing and planned DoD environments
- Uses DoD approved deployment techniques and strategies
- Uses lightweight web and cloud based solution strategies

### Theater Architecture: Platform Layers with Core Service Modules



### Supporting the Continuum of Care



### Research Areas

#### Workflows and Analysis

- Document and identify Theater capability gaps across services
- Perform interviews and develop functional use cases derived from clinical and business workflows

#### Policy and Doctrine

- Recommend policy changes to evolve a unified joint services Theater platform for medical and clinical support
- Develop existing environment compliant procedures for system deployments and maintenance

#### Working Prototypes

- Prototype and test alternatives, demonstrating strengths, weaknesses and feasibility of recommended solutions
- Prototype and recommend architecture based on a set of loosely coupled web services targeting identified critical gaps
- Evaluate, test and recommend messaging standards that meet DoD compliance for EHR across all levels of care through working prototypes



This project is managed by the **Pacific Joint Information Technology Center**, which focuses on rapidly researching, testing, and developing warfighter medical solutions and products, through pilots or prototypes in support of the DOD.