

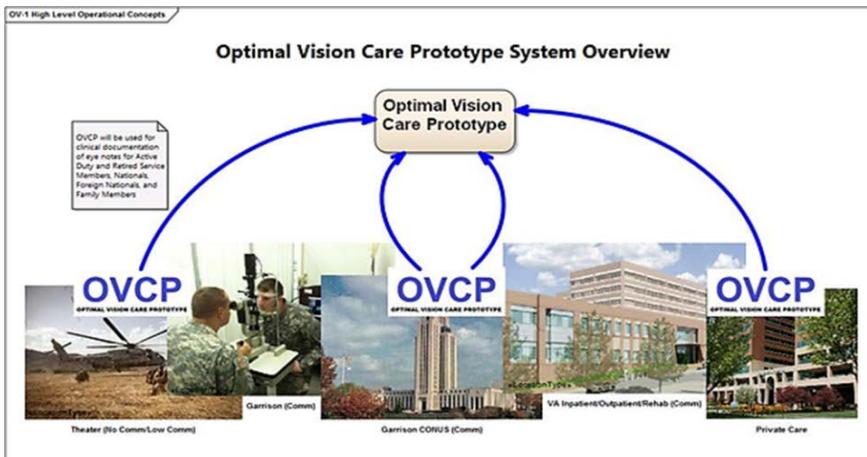
# Optimal Vision Care Prototype

## ...addressing seamless availability of vision-care data across DoD and VA medical records and registries

### Program Overview

The majority of vision-care documentation in the Department of Defense (DoD) and Veteran’s Administration (VA) consists of hand-written notes that are scanned into the clinical information system. Existing applications are not compatible with current vision-care workflow demands, vision-care data element requirements, application interoperability requirements, and user interface (UI) requirements. The Research Initiative for Optimal Vision Care Prototype (OVCP) Task Order Proposal Number 7 (RTOP7), CMID 20850 will address these shortfalls and enable the seamless availability of comprehensive vision-care data across the DoD and VA medical records and registries.

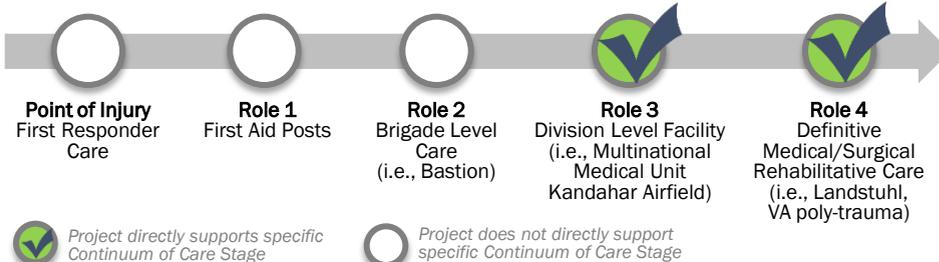
The OVCP will advance the development of a joint DoD and VA electronic health record (EHR) application that supports the clinical documentation needs of the DoD and VA vision-care community. Currently, there is no effective method for electronically documenting, integrating, aggregating, and optimizing the very complex vision-care data obtained from the wide variety of vision-care professionals working in the theater, and at DoD and VA facilities.



### Key Features

- Explores novel data collection and presentation techniques for vision-care
- Develops requirements that will inform the acquisition, improvement, and development of future vision-care systems for the DoD and VA
- Develops standards based clinical workflows across the continuum of vision-care
- Identifies input and output data requirements for each vision-care clinical setting
- Creates ontologies to map vision-care data elements to standard terminologies such as RxNorm, ICD-9/10, SNOMED, and LOINC
- Allows seamless integration with DoD and VA medical records, including CHCS, ALHTA, and Vista; as well as legacy or future DoD and VA systems
- Identifies vision-care capabilities addressed and not addressed by vision-care EHR systems in the marketplace
- Develops user interface design requirements based on User Centered Design principles

### Supporting the Continuum of Care



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.