

Enterprise Knowledge Portal (eKP) for Online Training

... Unifying access to training/information; broadening the reach of quality content providers

A single gateway linked to a controlled number of well-organized learning management systems through which learners can access training and document completion data

In support of strategy to move towards a federated knowledge portal, this one-year research study included a proof-of-concept prototype for an eKP.

The **immediate benefit** for DHA consumers of training is the ability to sign-in to one site, from any device, and access: mandatory training, continuing education requirements, and elective training that support career growth, while streamlining reporting to systems of record, all from a single site.

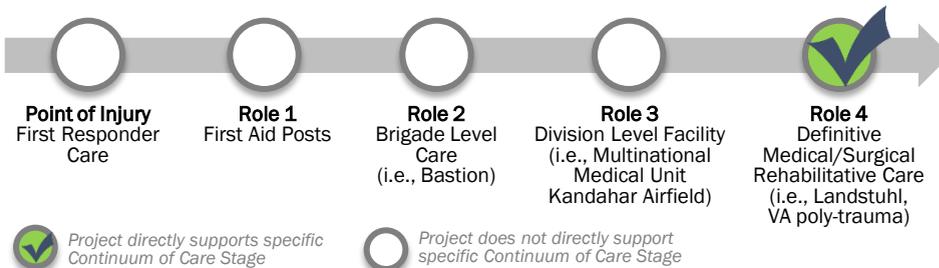
How? The prototyped eKP provides interoperability to any off-the-shelf standards-based LMS, or other designated content source, by linking the user to the external system via secure sessions.

In addition to improving the user experience by helping personnel track their requirements and status from one centralized location, the eKP will assist decision makers in improving the management and oversight of eLearning. Over time, it is expected to deliver cost savings as the underlying architecture and unified interface enable redundant systems, tools, courses and licensing to be eliminated.

User-centric, cost-sustainable approach to an enterprise capability

- Built on a prolific open-source web development platform, the framework is scalable and adaptable to virtually any visual design
- Provides role-based access and permission levels to enable specific sharing of content/personalized experience, while maintaining security
- Responsive UI – up front investment in design yields high return in consistent user experience and efficiencies in development costs
- The app is engineered and tested for accessibility/508-conformance
- A sandbox for rapid research/iteration of capability is established.

Supporting the Continuum of Care



Key Features of the prototype

- Single sign-on access to LMSs and other agency-designated content
- Search and locate information across multiple LMSs and Virtual Library assets from a single form
- Designed for the users experience, while underlying LMSs support organizational needs
- BYOD – a single code-base providing an adaptive interface and unified experience across devices
- A single code base means a single Dev team to develop test, maintain and deploy the site

Standards-based approach

- Framework maintains SOA principles
- Search and *find* – search capability built to interact with enterprise and industry standards (DoD Discovery Metadata Specification (DDMS) and the Healthcare LOM)
- Security and information assurance architected into the approach via implemented security model and System Security Plan (SSP)
- 508 Conformant to GSA and stricter industry guidelines



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.