



U.S. Department of Labor, Registered Apprenticeship Information System (RAPIDS)

The Challenge

The U.S. Department of Labor, Office of Apprenticeship is the registration authority for the National Registered Apprenticeship System. This office utilizes the Registered Apprentice Partners Information Data System (RAPIDS) web-based application to provide leadership, guidance, and technical support to employers, sponsors, and workers interested in developing apprenticeship programs and activities. The Office of Apprenticeship set a goal to meet the changing business, federal, and state standards, to develop advanced analysis and management tools, and to integrate the apprentice and program registration process while enhancing flexibility, adaptability, and usability.

Our Strategy

The Keymind-assisted team worked diligently with the customer to analyze and support the existing RAPIDS application, while providing an integration plan and design for the new phase. A complex approach was determined to streamline the existing database design, and to seamlessly integrate the apprenticeship and registration process into the existing functionality. In addition, the entire information architecture of the application was refined to create a more user-friendly experience, and to provide management level users with a view into the data that promoted analysis and "performance at a glance" view capabilities.

The Impact

Keymind contributed to the delivery of a National Apprenticeship system with the RAPIDS redesign project, the most significant release in many years, to support the goals of DOL, State Apprenticeship Councils, and State and Regional Directors. The result of our work has immensely helped the Apprenticeship Training Representatives to more effectively capture, administer, and track apprentice data. Keymind worked in conjunction with the project team to implement the new RAPIDS database architecture and design. Benefits include support for changing business and industry standards, a streamlined and easier to use workflow to improve productivity, a customized report builder, statistical analysis tools for performance evaluation, and user account management. This significantly increases the accuracy of the performance tracking metrics and quality of data captured utilizing triggers and stored procedures to validate business rules.