



## PRODUCT ENGINEERING

### CASE STUDY

## ENHANCEMENT OF WEB APPLICATION

California Department of Health Care Services enhanced its web-based application, created more comprehensive reports, and achieved absolute compliance with R Systems.



[www.rsystems.com](http://www.rsystems.com)

# Problem Statement

---

Department of Health Care Services (DHCS), State of CA, had a little outdated web-based application – Enhanced Medi-Cal Budget Estimate Redesign (EMBER) – that lacked crucial functionalities. This hampered DHCS' ability to meet ongoing business needs and ensure compliance with Americans with Disabilities Act regulations.

# Business Need

---

- Enhancement of EMBER system
- Implementation of upgraded EMBER system
- Automated public Adobe pdf reports to ensure compliance with ADA regulations

# Solution Approach

---

- Consulting Services on maintenance and enhancements to the current EMBER Web Application – an upgrade of current Microsoft .NET Framework 2.0, including replacement of Business Objects reports, Active X, and Microsoft Word editor
- Worked collaboratively with the state analysis team, project manager, and maintenance & operations teams to design, develop, and test the system changes necessary to enhance and upgrade EMBER
- Knowledge transfer to the DHCS ESB EITS group and end users including documentation, communication of all tasks, progress and assessment reports

# The Benefits

---

- Creation of comprehensive Medi-Cal Local Assistance Estimate reports
- Absolute compliance with ADA regulations
- Meeting ongoing business and functional needs with ease