



PRODUCT ENGINEERING

CASE STUDY

MACROMEDIA COLDFUSION

California Department of Corrections and Rehabilitation achieved **enhanced operational efficiency** in managing parole agents and tracking caseloads across 70+ locations with R Systems' Macromedia Coldfusion.



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Problem Statement

California Department of Corrections and Rehabilitation (CalParole) was facing difficulties in managing parole agents to track caseloads across 70+ locations, which resulted in increased unreliability and high maintenance efforts.

Business Need

A secure Parolee Tracking System with increased operational efficiency

Solution Approach

- Replaced the current distributed IPTS/SPDB hardware and database architecture with a centralized architecture
- Replaced the current de-supported proprietary MPE operating system with a supported "open" Unix operating system
- Replaced the current unsupported database version with a current supported Oracle database version
- Replaced the current obsolete application development tool with Cold Fusion, state-of-the-art development tool
- Replaced the current proprietary equipment with 'open' system equipment

The Benefits

- Minimized the maintenance efforts and data corruption
- Single database with no merging process from local databases in the field
- Simplified authentication scheme
- Greater referential integrity to reduce data corruption or other issues
- Greater ability to scale based upon hardware and ability render application on a clustered server environment