

# Case Study

## Allaire ColdFusion

### U.S. Bureau of the Census, Census 2000

---

The Census Bureau's Decennial Systems Contract Management Office (DSCMO) was charged with operating and supporting the entire information infrastructure of the decennial network for Census2000.

As a key contractor to the Census2000 project, Network Designssought and applied ColdFusion solutions to help the DSCMO manage the

complexities associated with operating the decennial network, which comprised 520 local census offices (LCOs) connected to 12 regional census centers (RCOs).

The scenarios that follow show the transforming and simplifying effects of applying the ColdFusion rapid Web development tool to multifaceted work processes.

---

#### Scenario One

##### Project Tracking & Scheduling System

- Project management schedules were sent by e-mail and facsimile.
- Administration of and communications with the team were cumbersome.
- File attachments raised incompatibility, formatting, and printing problems.

##### Solution

A ColdFusion browser front-end to the project management scheduling system.

Developed in 2 weeks.

##### Benefits

- ✓ Password protected access to view and update schedules.
- ✓ Streamlined database.
- ✓ Fewer e-mail attachments.

#### Scenario Two

##### Point-of-Contact Directory

- A high volume of changes to the Point-of-Contact Directory was being tracked through e-mail.
- Correct and current directory listings required multiple e-mails and updates to the directory database.

##### Solution

A ColdFusion browser front-end to the Point-of-Contact Directory database.

Developed in 2 weeks.

##### Benefits

- ✓ Password protected Internet access to view and update personal information.
- ✓ The integrity of the existing Point-of-Contact Directory database was maintained.
- ✓ Individuals were empowered to ensure directory accuracy.

#### Scenario Three

##### Configuration Change Request (CCR)

- The highly dynamic CCR approval process (involving five Bureau of Census offices, contractors, and vendors) demanded rigorous tracking.
- Work was duplicated; configuration changes were inaccurately tracked.

##### Solution

A ColdFusion browser front-end to the CCR database.

Developed in 6 weeks.

##### Benefits

- ✓ Password protected Internet access to view the change status.
- ✓ The integrity of the existing CCR database was maintained, reducing document management problems.

