

From cumbersome task tracking to *real-time* clarity

A behavioral health services provider modernized the Taskboard inside its Enterprise Management application — a React-based interface, KPI dashboards, and bulk task tools layered onto the existing ColdFusion backend, without disrupting the business logic already running in production.

3 Months

Requirements to production readiness

4-Person Team

PM, DevOps, Developer, and QA

In Production

Live today, monitoring real-time tasks

— CLIENT PROFILE

CLIENT	A behavioral health services provider
DOMAIN	Behavioral Healthcare · Healthcare Technology
ENGAGEMENT MODEL	Feature Development & Continuous Enhancement
DURATION	July - September 2026 (~3 months); enhancements ongoing
TEAM	4 people — Project Manager, DevOps, Developer, QA
TECHNOLOGIES	React.js, ColdFusion 2023, SQL Server, Chart.js, Bootstrap, Jira

— OVERVIEW

A Daily Screen, Finally Built for Daily Use

The client operates detox, residential treatment, halfway housing, and reentry programs across multiple facilities. Staff rely on an in-house Enterprise Management application, built on ColdFusion, to manage clients, assign tasks, and monitor day-to-day operations — but the Taskboard at the center of that system had become a bottleneck: cumbersome navigation, no visibility into overdue work, and nothing to show workload at a glance.

10Decoders modernized the Taskboard in place, layering a React-based interface, interactive KPI dashboards, and bulk task operations onto the existing backend — without rewriting or disrupting the business logic already running in production.

The Challenge

- ✗ Legacy Taskboard interface made task tracking cumbersome for end users.
- ✗ Limited visibility into pending, overdue, and completed tasks across facilities.
- ✗ Manual navigation through multiple screens reduced operational efficiency.
- ✗ No graphical representation of task progress or workload distribution.
- ✗ Existing interface wasn't optimized for modern UX or scalability.

Our Approach

- ✓ Designed a modern React-based Taskboard integrated with the existing ColdFusion backend.
- ✓ Built centralized KPI dashboards with real-time task insights.
- ✓ Implemented advanced filtering, sorting, and search for faster task identification.
- ✓ Developed interactive charts for task completion trends and workload monitoring.
- ✓ Delivered a responsive, scalable interface without impacting existing workflows.

— THE APPROACH

How It Works

The engagement ran as a transparent, sprint-based collaboration — daily stakeholder walkthroughs, iterative demos, and a UAT gate before every production release.

1

JULY 2026

Requirements & Architecture Planning

Requirements gathering, UI/UX planning, and architecture discussions with stakeholders.

2

ONGOING

Agile Sprint Planning & Demos

Iterative sprint planning with feature demonstrations and continuous stakeholder feedback.

3

AUGUST 2026

Dashboard & KPI Development

Dashboard development, KPI implementation, advanced filtering, and task management features.

4

EVERY MILESTONE

User Acceptance Testing

UAT conducted for each milestone before production deployment.

5

SEPTEMBER 2026

Production Readiness & Go-Live

Performance optimization, stakeholder feedback incorporation, and production deployment.

— WHY IT WORKS

Built to Fit, Not to Replace



Backend Left Untouched

Existing ColdFusion business logic keeps running exactly as it did before — no rewrite, no risk.



One Dashboard, Every Facility

KPI cards surface pending, overdue, and completed tasks in real time, across all locations.



Bulk Actions, Not Repetition

Reassign or complete multiple tasks in a single action instead of one at a time.



Workload You Can See

Interactive charts turn task data into trends staff and supervisors can act on.



Search, Filter, Sort

Advanced filtering gets staff to the right task without navigating multiple screens.



A Foundation, Not a Patch

The new architecture is built to support future dashboards and workflow features.

— THE OUTCOME

Built for Every Stakeholder

The modernized Taskboard changes how work looks for three different audiences inside the organization.

FACILITY STAFF

Less Time Hunting for Tasks

Advanced filtering and a simplified dashboard mean less time navigating screens and more time on care.

SUPERVISORS

A Real-Time View of Workload

KPI dashboards and charts show exactly where tasks stand across every facility, at a glance.

LEADERSHIP & IT

A Platform Built to Last

Modern architecture preserves existing business logic while creating room for future enhancements.

— RESULTS

From Legacy Screens to Real-Time Insight

3 Months

Start to production readiness

Zero Disruption

Existing business logic preserved

In Production

Live today across every facility

✓ Centralized KPI Dashboard

✓ Bulk Task Operations

✓ Interactive Charts

✓ Advanced Filtering

✓ Scalable Architecture

— HOW WE DELIVERED

Delivery, Team & IP

Delivery Quality

- Daily requirement discussions and design walkthroughs with stakeholders.
- UAT conducted at every milestone before production deployment.
- Deployed and monitoring real-time tasks in the client's production environment.

Team & Engagement Model

- 4-person delivery team: PM, DevOps engineer, Developer, and QA.
- Feature Development & Continuous Enhancement model — work didn't stop at go-live.
- All work tracked transparently in Jira for full visibility and accountability.

IP & Reusability

- The React-based Taskboard framework, KPI widgets, and filtering patterns are reusable across similar workflow apps.
- Bulk-action patterns and the UI modernization strategy can be adapted for other enterprise task or case management systems.
- Nothing here is patentable, but the modernization approach itself is repeatable IP.