CASE STUDY

PCM Closeout Solution

DRMcNatty has implemented a solution to archive Flatiron's Primavera Contract Management system to ensure historical data is still accessible after PCM is retired.

CLIENT

FLATIRON

PROJECT
PCM Closeout

LOCATION
Colorado

TOOLS
Oracle Primavera Contract Managment

SERVICES PROVIDED
Custom Programming
Data Extraction

OVERVIEW

Flatiron required this solution to maintain seamless access to critical historical data after the retirement of their Primavera Contract Management (PCM) system. As PCM houses essential project records, documents, and attachments across 31 database instances, archiving ensures that valuable information—such as contracts, RFIs, submittals, and change orders—remains secure, organized, and easily retrievable for future reference, audits, or compliance needs.

CHALLENGES

Implementing an archiving solution for Flatiron's Primavera Contract Management (PCM) system presents several challenges, including managing the complexity and volume of data across 31 database instances, ensuring data integrity and consistency, and handling numerous attachments accurately. Developing reliable scripts for data extraction and upload to Box requires careful customization to prevent errors. Additionally, there are risks related to system downtime, compliance with data security regulations, and maintaining user accessibility post-archiving. Legacy system limitations and potential resistance to change also pose challenges, necessitating thorough testing, clear documentation, and effective change management strategies.

SOLUTION

DRMcNatty implemented a solution to archive Flatiron's Primavera Contract Management system to ensure historical data is still accessible after PCM is retired.

Our programming team was tasked with examining the 31 database instances to determine which modules need to be archived. They coded scripts to keep a copy of the default print form for each data record as well as its corresponding attachment files and upload the files onto Box.

RESULTS

This solution resulted in meeting the deadline required from the client, which would have been nearly impossible if records were processed manually. In addition, the programmed solution eliminated the costs that would have been incurred in document control staff utilization, resulting in an overall lower cost to complete this task. With this complete, the client now has searchable PDF records of the project files that can be archived and the PCM program can be retired now that the project is complete.