

ERP deployments went from 5 hours to 5 minutes — and CI/CD costs dropped from \$500 to \$10 a year

The Outcome

Saint John's University was manually managing ERP customization deployments - a process taking up to 5 hours per deployment, running on infrastructure costing \$500 a year just to operate. Presidio built a fully automated CI/CD pipeline on AWS that cut deployment time to 5 minutes and reduced pipeline costs to \$10 a year.

How They Got There

Presidio migrated SJU's ERP extension code into CodeCommit repositories with role-based IAM permissions. CodeBuild packages and deploys automatically on each commit. CodePipeline orchestrates the full workflow across dev, QA, and production, with a manual approval gate before production. Smoke tests run as part of the build. Blue-green deployment support means rollbacks are fast and low-risk.

Why It Worked

SJU was paying in time and money to maintain infrastructure AWS makes available as a managed service. Replacing self-hosted Jenkins with native AWS tooling cut costs and removed an entire category of maintenance burden. Deployments that required hours of manual effort now run automatically with human oversight preserved exactly where it matters: the approval gate before production.

The Situation

Saint John's University runs a third-party ERP system with all customizations managed through vendor-provided extensions. Those extensions needed to be deployed continuously across development, QA, and production environments. The process was largely manual, took up to five hours per deployment cycle, and relied on self-hosted Jenkins infrastructure costing \$500 a year to maintain.

The Approach

Presidio migrated SJU's ERP extension code into AWS CodeCommit repositories with role-based IAM permissions. CodeBuild handles packaging and deployment automatically as developers commit changes. CodePipeline orchestrates the full workflow across dev, QA, and production, with a manual approval gate before production. Smoke tests run as part of every build. Blue-green deployment support through CodePipeline means rollbacks are fast and low-risk.

The Result

Deployment cycles that previously took up to five hours now complete in five minutes. Annual CI/CD infrastructure costs dropped from \$500 to \$10. The approval gate before production gives managers appropriate oversight without adding friction. Blue-green deployment support ensures rollbacks are available with minimal risk.

5 hrs → 5 min

Deployment time - per release, across dev, QA, and production

\$500 → \$10

Annual CI/CD pipeline cost - eliminating self-hosted Jenkins

Fail fast

Deployment strategy built in - fast, low-risk rollbacks