

## Legacy Application Migration Regional Utility System

### EXECUTIVE SUMMARY

The client is a large utility system serving more than 3.6 million customers. By collaborating with Saisystems Technology, the client achieved:

- Design, development, testing, migration, and deployment of six legacy natural gas applications in seven months
- High priority bugs resolved within one business day

### CHALLENGES

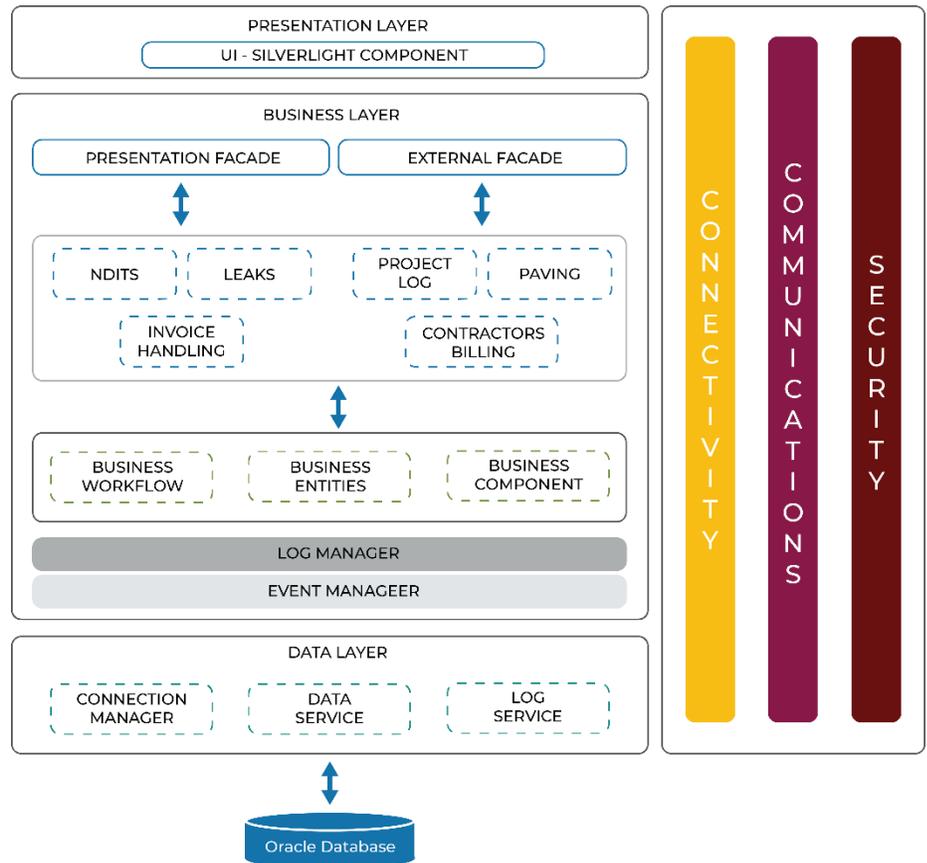
To maximize synergies from the acquisition of another out of state utility system, the client wished to modernize six applications from legacy Oracle Forms to Microsoft .Net and Oracle 11i platforms. We coordinated with the client's project management and entity application team to complete the migration. A key challenge was the tight timeline to migrate and standardize with minimal user impact.

### HOW SERVICES HELPED

Due to the volume of applications, the scope of this project was extensive. Activities included reverse engineering of the code base, conversion and optimization of legacy forms, and performance testing. Defects were resolved prior to delivery of new forms, modules, reports, and scripts.

### RESULTS, RETURN ON INVESTMENT AND FUTURE PLANS

Our flexible teams worked around the schedule of the client to deliver the applications to production and migrate the associated data within the project timeline and budget. Saisystems Technology provided production environment configuration support and management, as well as one training class per application to the user group.



In later phases, the team added search functionality and configured all reports with extract available in Microsoft Excel and PDF files to reduce downtime. The high level of communication through monthly project governances ensured smooth working relationships. This project was a milestone-based fixed fee contract with standard application warranty support after the go-live date. Our team provided this service, as well as suggestions in the best interest of the client. They were especially pleased with the standardization of these applications and the strong relationship forged, leading to trust in our services and repeat business.