

Accomplished end-to-end technology and user experience transformation for a leading procurement-to-pay solutions provider



ABOUT THE CLIENT

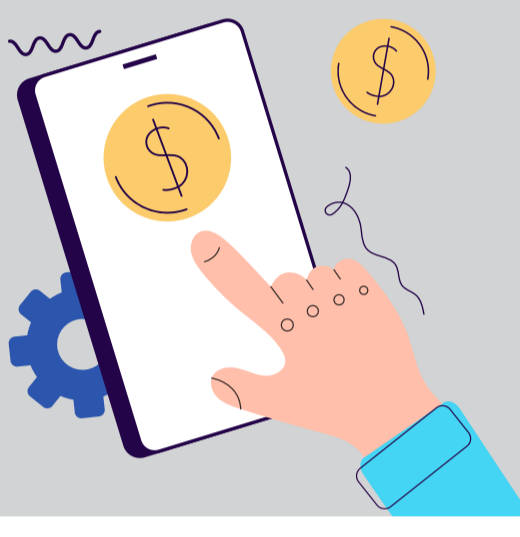
- Leading technology company providing spending management and invoice automation solutions
- Offers end-to-end procure-to-pay services, including ordering and invoicing, budget planning, and real-time spend tracking
- Extends compliance audit features and invoice automation services with 400+ integrated vendors

BUSINESS NEEDS

- Develop a modern platform that:
 - Is inclusive and cost-effective
 - Runs on multiple devices
 - Supports multi-tenancy
 - Provides individual user level access controls to each onboarded organization
 - Effectively integrates with internal applications to leverage real-time data as an input for on-demand reports



- Offer a new edge user experience using modern technology principles for product transformation
- Automate workflows to minimize manual user interventions and processes



Technology Solutions

- Modularized component-based approach to ensure scalability and maintainability
- Harnessed the processing power of client (browser's host) via a single page design to improve system performance
- Established a comprehensive API and SSO login framework for better authentication and traceability
- Created new schemas by leveraging Snowflake Data Warehouse to develop target data architecture
- Implemented bearer token-based approach utilized by the server-side application to validate API calls along with role-based access controls
- Ensured 360-degree integration by unifying platform with the customer care app and other modules, such as buyer's portal, vendor management portal, contract portal, and order and invoicing
- Created CI/CD pipelines from scratch on Azure along with Kubernetes orchestration
- Executed source control and project monitoring via multiple code repositories on Azure GIT and followed consistent branching and merging strategies
- Developed test automation from scratch along with features that support manual and exploratory testing via DevOps test suite

SOLUTIONS



People and Process Solutions

- Customized a modernized reporting platform with responsive web designs
- Ensured modern, automated UX with real-time, on-demand as well as curated reporting, notification management, and automated/scheduled job processes for file/data management
- Deployed collaboration solutions, including executive dashboards, team dashboards, project wiki, alerts and change notifications, and analytics services

BUSINESS BENEFITS

- **Reported ~50% decrease** in approval time, action management, data availability, and reporting
- **Reduced ~90% manual process** with the implementation of automated workflows
- **Derived high user satisfaction** owing to application's modern interface and automated processes
- **Increased conversions** and customer onboarding via the newly created profitable product

- **Increased data security** by introducing additional authentication layers during API calls
- **Gained 100% user preference** for the secure and efficient SSO mechanism in daily use

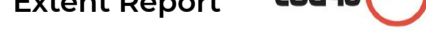


TECHNOLOGY STACK

Development Tools



Automation Testing



CI/CD



Infrastructure



Code Check-In and Review



Logging and Monitoring



Wireframes and Visual Designs



Cybage Hi-Tech



Providing Tech Transformations to Build Next-Gen Automated Platforms