



Construction General Contractor

Hawaiian General Contractor benefits from Sage 100 Contractor Software deployed as a SaaS solution on AWS

Executive Summary

One of the fast-growing full-service general contractors in Hawaii leveraged the benefits of AWS cloud technology to fulfill their critical business needs. To improve the effectiveness of the business with the help of specialized accounting software, the customer decided to start using Sage 100 Contractor deployed on AWS.

Sage 100 Contractor is a top choice for online accounting software for general contractors. Tailored to meet the unique needs of contractors, Sage 100 Contractor simplifies daily operations management. This software edition is ideal for businesses in the construction and homebuilding industry, providing specialized accounting capabilities for tasks like project management, job costing, estimating, and more.

The Challenge

The customer was in the process of adopting Sage 100 Contractor software and sought to have it centrally hosted and managed to provide online access for multiple team members. They required a secure, highly available and resilient hosted solution, leading them to consider AWS as the optimal hosting option. As Sage 100 Contractor needed to be accessed by multiple users, secure authorized individual access was essential. So Okta single sign-on was used to transform the software into a SaaS solution based on a pool model.

IDT Solution

IDT began by gathering the performance requirements and understanding the customer's desired user experience. Based on this, we proposed a solution using Windows Remote Desktop with RemoteApp functionality, where authorized users would only see the application window. Amazon AppStream service allows users to connect to the solution from the internet. Once both parties agreed on the proposal, IDT developed a detailed project plan and architecture design.

The solution included an Application Server (Windows Server with Remote Desktop) and an auto-scaled fleet of AppStream servers running the Sage 100 Contractor application. User authentication and Okta integration were implemented using a Windows AD server.

The implementation followed the Infrastructure-as-Code approach, ensuring no manual configuration was required. IDT's DevOps team provided comprehensive documentation, enabling PVH Construction LLC to take over the management of their new AWS infrastructure quickly.

Benefits to Client

The Customer obtained a scalable, reliable secure, and at the same time, cost-effective, deployment of the Sage 100 Contractor, enabling them to manage their daily operations from anywhere in the world.

Moreover, the management overhead of the newly adopted solution is low due to the simplicity of the implemented solution and thorough documentation.

