



CONSTRUCTION COMPANY LEVERAGED THE BENEFITS OF QUICKBOOKS DESKTOP ENTERPRISE AS A SAAS ON AWS

EXECUTIVE SUMMARY

PVH Construction LLC partnered with IDT to streamline the management and accessibility of its QuickBooks Desktop application following the expansion of its Accounting Department. The goal was to reduce maintenance overhead, strengthen data security, and enable remote access for distributed teams. IDT implemented a cloud-based internal SaaS solution using Amazon AppStream 2.0, allowing QuickBooks to be centrally hosted and accessed securely from any location. The result was a simplified, secure, and scalable environment that enhanced operational efficiency and reduced IT management effort.

IDT provided us with a practical solution that checked all the boxes—centralized management, stronger security, and remote access for our accounting team. Their team handled the technical details so we could focus on day-to-day operations. QuickBooks now runs smoothly in the cloud, and it's easier for us to manage and scale. We're glad we made the move and appreciate IDT's clarity and execution.

Pavel Marchenko, General Manager
PVH Construction LLC

THE CHALLENGE

PVH Construction has recently expanded their Accounting Department and started looking for ways to simplify the maintenance of the business-critical QuickBooks Desktop application across multiple workstations. The firm was seeking a solution that would:

Simplify software updates and maintenance.

Enhance data security.

Centralize data storage and processing in the cloud.

Provide remote access to QuickBooks Desktop for employees working from different locations.

IDT SOLUTION

After studying the Customer's use case and requirements, our experts came up with the idea of moving the QuickBooks application to the private cloud and publishing it for in-house employees as an internal SaaS solution. For this purpose, Amazon AppStream 2.0 was evaluated and proven as ready-to-go. Amazon AppStream 2.0 is a fully managed application streaming service, allowing users to stream desktop applications securely from AWS to any device.

During the implementation phase, a custom Windows based EC2 machine image was built, with the QuickBooks application installed and ready to run. After that, we defined an instance type and optimal size for running the QuickBooks application comfortably, and created a fleet of EC2 instances, running in a VPC private subnet. End users were defined via the User Pool feature of the AppStream 2.0 service.

As our standard practice, all the components of this new solution were deployed using the Infrastructure As Code approach. Our DevOps team provided comprehensive documentation, enabling PVH Construction's IT Department to take over the management of their new AWS infrastructure with minimal effort.

THE BENEFITS

Centralized Management: The firm can manage QuickBooks Desktop centrally, simplifying updates and maintenance.

Enhanced Security: Data was securely stored on AWS, reducing the risk of data breaches.

Remote Access: Employees could access QuickBooks Desktop from their devices with an internet connection, improving flexibility and productivity

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