



TM GROUP ACCOUNTING FIRM UTILIZED QUICKBOOKS DESKTOP ENTERPRISE AS A SAAS ON AWS

EXECUTIVE SUMMARY

TM Group LLC, a construction accounting firm, partnered with IDT to improve the management and accessibility of its QuickBooks Desktop Enterprise application. The firm aimed to simplify software updates, enhance data security, centralize processing, and streamline workstation replacements. IDT designed and implemented a secure internal SaaS solution using Amazon AppStream 2.0, allowing QuickBooks to be delivered from AWS to any authorized device. The result was a scalable, secure, and maintainable cloud-based setup that improved operational efficiency and minimized IT overhead.

Moving QuickBooks to the cloud was a big step for us, and IDT made the process smooth from start to finish. Their approach helped us centralize everything, improve security, and make access much easier for our team. We now spend less time managing the setup and more time focused on serving our clients. It's exactly the kind of solution we were looking for.

Tatiana Johnson, Owner
TM Group LLC

THE CHALLENGE

A mid-sized accounting firm faced difficulties in maintaining and updating QuickBooks Desktop across multiple workstations. The firm needed a solution that would:

Simplify software updates and maintenance.

Enhance data security.

Centralize data storage and processing in the cloud.

Streamline the employee workstation replacement process.

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, having QuickBooks application installed and ready to run. After that, we've defined an instance type and size optimal 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 the TM Group 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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