UnifyCloud™

Discover Once, Many Engagements

Source Code Control uses CloudAtlas to help online finance broker save nearly 30% by migrating to the Cloud

With rapid growth, this online finance broker found demand was beginning to outpace their on-premises infrastructure. With a diverse environment and a business that relies heavily on technology, it needed a partner that could assess all its needs with a holistic strategy and plan to carry the business into the future. With so many different cloud options, they needed a solution that would help them understand the right approach for their unique situation.

This broker was looking to improve efficiencies by moving some key applications to the cloud. With a business model built on technology driving explosive growth, they needed a way to scale quickly to keep up with all the new business.

Looking for a solution to manage growth

The broker is reliant on vital customer-facing applications to run their business, making technology core to their success. With the business growing, their on-premises infrastructure required constant updating and they were struggling to keep up, so they looked to the cloud to provide a more agile and scalable solution. The move had to be well thought out with potential solutions fully vetted and a focus on scalability and ROI. They also knew they had to move key applications now but also needed a strategy to move additional workloads in the future to account for continued growth.

The organization's environment consisted of several different types of workloads including on-premises workstations, as well as some IaaS and PaaS workloads. They needed a vendor that could look at the infrastructure holistically and provide guidance on the best solution to cover all their needs with a long-term perspective – not just the key applications they were considering in the near term.

A local partner with deep expertise

Through the Microsoft Solution Assessment program, they found Source Code Control, which had the Cloud Economics experience to meet their needs. With requirements centered on understanding their migration options and the associated benefits, costs, and ROI, they found their match with Source Code Control, a Systems Integrator and trusted UnifyCloud partner with a proven approach and track record for successfully guiding businesses who have software at the core of their company value to the cloud.

Source Code Control, helps organizations leverage the benefits of using Open Source Software to create applications while minimizing risk. This is just as important when looking to modernizing applications to effectively run in the cloud. And that's where Source Code Control excels, having completed more than 100 engagements using UnifyCloud's CloudAtlas platform.

The CloudAtlas platform was built by UnifyCloud to automate the most arduous and time-consuming aspects of the cloud migration journey. This automation accelerates the assessment and analysis of infrastructure, apps, databases, and workloads, providing detailed guidance on cloud readiness, modernization requirements and level of effort.

Planning the Migration

The first step in the project was to collect detailed data on the existing environment to understand what it consisted of and how it was used. Source Code Control used Movere to capture infrastructure data as it provides great SQL visibility and NetStat data and is connected to CloudAtlas via API so data is kept in sync without having to extract or move data around which introduces security risk. Movere is one of the many discovery tools supported by the CloudAtlas analytics engine which generated a detailed overview of cloud migration options that included readiness, modernization guidance, level of effort, costs, ROI, and payback period.

The broker's diverse technical landscape included numerous applications and databases which necessitated an understanding of the interconnectivity between workloads to guide the modernization and migration effort. Dependency analysis is critical at this stage – identifying how workloads are connected, grouping connected apps, databases, and workloads, and facilitating migration planning. With detailed mapping data and visualizations of these interdependencies, Source Code Control provided insights on the complex infrastructure and a structured migration of key customer facing applications in logical phases with the initial migration effort focused on 17 applications and 15 supporting databases.

CloudAtlas helped Source Code Control create a business case that realized significant savings over the broker's on-premises environment and guided them to the best cloud option for the business. This path was 82% less expensive than a lift and shift approach and allowed them to right-size by reducing the number of servers and storage space required, all while providing the agility to scale.

Preparing for Migration

With applications and associated databases prioritized and a migration path chosen, the broker had what it needed to begin modernizing workloads and migrating to the cloud. But with little experience in cloud migration, the technical team needed some guidance. This is where Source Code Control's extensive expertise and knowledge of the cloud and the CloudAtlas platform played a key role. Source Code Control was able to provide remediation guidance down to the line of code to the broker's team which was exactly what they needed to be equipped for the effort.

The combination of Source Code Control's cloud expertise and the CloudAtlas platform's automation of key analyses allowed the broker to conduct a successful modernization. Completed in just eight weeks, the project provided a streamlined path toward a more modern, right-sized and scalable environment that could fuel new business innovation while also reducing costs.

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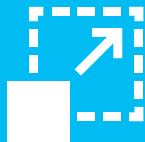> **-Paul McAdam, Co-Owner, Source Code Control**

Results

Almost **30% savings over** previous **on-premises** infrastructure

Completed full project in 8 weeks vs a manual assessment of 4-6 months

Critical applications are now in a **freely scalable environment** ready for company growth

Results:

- Almost 30% savings over previous on-premises infrastructure.
- Completed full project in 8 weeks vs a manual assessment of 4-6 months.
- Critical applications are now in a freely scalable environment ready for company growth.

Now that their key applications have been moved to a fully scalable cloud environment, they are planning the next phases of their digital transformation with the goal of being fully operating in the cloud.

Migrating with ease thanks to Source Code Control and UnifyCloud

Thanks to Source Code Control's efforts, the broker was able to migrate key workloads to the cloud in record time. CloudAtlas was key to Source Code Control's speed and efficacy in this and other engagements. CloudAtlas' automation of time-consuming manual data aggregation and analysis allows Source Code Control to focus on using their deep technical knowledge and experience of the cloud to design a successful cloud migration plan. Paul McAdam, Director and Co-Owner of Source Code Control comments that "CloudAtlas does the heavy lifting for us and enables the development of a business case view that takes the customer on the journey from IaaS to PaaS by showing them their options and highlighting that moving straight to PaaS might be the best path. That's fantastic for us and for the customer."

Using UnifyCloud's "Discover Once, Many Engagements" approach, partners like Source Code Control can add value to the assessment process by highlighting numerous digital transformation opportunities based on one discovery process. That's true in this case as the broker plans to continue to work with Source Code Control concentrating on additional infrastructure, Windows Virtual Desktop, and application modernization.