HMB HELPS GOVERNMENT AGENCY MIGRATE ON-PREMISES APPLICATIONS TO MICROSOFT AZURE

HMB creates playbook strategy for moving more than 100 legacy apps to the Azure cloud

The Challenge:

The Ohio Department of Health knew they needed to modernize their application architecture by migrating to the Azure cloud to improve the security, compliance, and flexibility of their aging applications.

But, with more than 100 apps and a tight timeline, they could not do it alone. They sought an experienced Microsoft cloud migration solution provider who could analyze ODH's application portfolio and provide a migration strategy that aligned with ODH's modernization strategy. HMB fit the bill perfectly thanks to extensive cloud transformation experience and more than 15 years as a Microsoft Gold Partner and trusted technology advisor to numerous government agencies.

The Solution:

HMB's migration approach is based on Microsoft's proven migration methodology and enhanced with years of cloud migration experience. HMB began by analyzing each of ODH's 100 apps and assessing migration readiness.

HMB groups applications into one of four migration strategies based on the app's complexity and goals:

1. **Rehost:** A "lift-and-shift" quick migration for apps needing no-code changes or modifications

2. **Refactor:** For applications that can easily be repackaged to take advantage of Azure infrastructure as a service (IaaS) and platform as a service (PaaS) products.

3. **Rearchitect:** For apps needing major revisions to work effectively on Azure. Helps meet scalability requirements, apply innovative DevOps practices, and minimize use of virtual machines.

4. **Rebuild:** New code is written with a cloud native approach that allows apps to take advantage of advancements in AI, blockchain, and IoT.

HMB worked with ODH to identify five ideal applications for a pilot migration while also establishing and documenting a repeatable process for the remaining applications.

The Results:

By leveraging HMB's cloud transformation expertise and Microsoft Azure, ODH:

- Future-proofed aging and legacy applications

- Improved security, data protection, and gained powerful automation and application monitoring capabilities

- Reduced operational risk and improved internal processes with the help of HMB's knowledge transfer and cloud migration playbook to use for future migrations