RPIA

CARBON 60®
THE MANAGED CLOUD COMPANY

Carbon60 Helps RPIA Mitigate Risk and Improve Productivity with Azure Cloud Migration

RPIA is a Toronto-based asset management firm with approximately $8 billion in assets under management, providing fixed-income solutions for a broad range of Canadian investors, from private clients to institutions. Since inception, the firm has grown to over 100 employees and has invested considerable time and resources into its proprietary investment technology and the digital client experience.

BACKGROUND

As an asset management firm, risk management is a top priority. With some of their critical IT infrastructure located on-premise, the potential for an unplanned outage — leading to negative impacts on their revenue, brand, and productivity — was substantial.

The company needed to migrate its IT infrastructure to a more secure and reliable environment to enhance productivity. Migrating to a Public Cloud IT Infrastructure such as Azure Cloud Services provided the ideal solution for achieving agility and innovation.

CHALLENGE

The key objectives for the project included the following:

- Migrating IT infrastructure from current MSP-managed on-premise and hosted infrastructure services to a fully managed Azure cloud environment to mitigate the risk of outages inherent in non-data center environments.
- Leveraging the most advanced Azure Cloud Services and gaining access to cutting-edge tools for advanced monitoring, analytics, data intelligence, and innovation.
- Empowering the organization to make data-driven decisions and stay at the forefront of technological advancements.
- Engaging Azure cloud migration SME to complete an end-to-end assessment, migration, and deployment based on best practices for financial services firms.
- Engaging Azure cloud management SME to provide 24x7 ongoing management and operational support of the Azure cloud environment.
- Ensuring full data backup and disaster recovery management/support is built-in to the new Azure environment.
- Getting the new Azure environment architected based on financial services security, compliance, and availability best practices.

RPIA chose Carbon60 for their deep experience with Azure Cloud and the ability to provide migration support. The Carbon60 team offered subject matter expertise and professional services to help RPIA get into the cloud, set up the initial environment, and provide ongoing management along with 24x7 monitoring and operational support. Additionally, Carbon60 could support them by working with the existing MSP, who was still providing some desktop support services.

REQUIREMENTS

Migrating Infrastructure

Managed Azure Environment

Redundancy Measures

SOLUTION

The scope of services for the project included a project plan, discovery workshops, Azure Landing Zone design document, high-level migration plan, implementation of Azure Landing Zone, workload migration and testing, as-configured documentation, knowledge transfer, and ongoing management afterward.

Included in the project plan were the following solutions:

- Azure account management.
- 24/7/365 monitoring of system availability, alerts, and response related to system outages, performance issues, or security incidents.

- Deployment and continuous management of the infrastructure.
- Technical and architectural planning.
- Cost management guidance.

- Technical account management.
- Audit/compliance support.
- Managed end-point protection services.

Carbon60 provided a comprehensive solution to support the migration of RPIA's Virtual Machines from its data center in Toronto to the Canada Central Region in Azure. The solution involved building the infrastructure foundation in Azure, then re-hosting or re-platforming the existing virtual environment from the current environment to Azure, leveraging primarily Azure's IaaS or PaaS services.

Additionally, Carbon60 provided ongoing 24 x 7 management and operational support of RPIA's Azure environment following solution deployment and in production mode.

Carbon60 also provided R&D on new Azure features and services and recommended their applicability to customers.

Overall, Carbon60 offered an end-to-end solution that supported RPIA's migration to Azure while ensuring ongoing operational support and management of the new cloud environment.

> " Carbon60's ongoing management and operational support have enabled us to focus on our core business while knowing our IT infrastructure is in good hands. With their expertise, we are able to shift our focus toward driving innovation, exploring cutting-edge public cloud technologies, and leveraging advanced analytics to propel our business forward. Carbon60's seamless IT infrastructure services empowered us to push the boundaries of what's possible while ensuring reliable and secure operations.
>
> **Dannielle Ullrich | Principal, Chief Financial & Operating Officer at RPIA**

RESULTS

Project kick-off to implementation took five to six months, Overall, the Azure cloud migration helped RPIA mitigate the risk of an unplanned outage and focus on core competencies while providing secure and reliable IT infrastructure services.

The other benefits of the Azure cloud migration included risk mitigation, enhanced productivity, 24x7 monitoring and the ability to respond quickly, and improved quality of service.

RPIA has a small IT team focused on business delivery and core application development and support, enabling Carbon60 to act as an extension of the team. We provide ongoing support and a high degree of agility to execute non-core, infrastructure-related tasks quickly.

ABOUT CARBON60

Carbon60 accelerates companies on their cloud journey with our managed hybrid IT services. We provide cloud assessment, migration, 24/7 SOC2 compliant managed operations and security services combined with cloud adoption, app modernization and data insights services to organizations across several industries. Our white-glove service is delivered by our certified experts using multiple clouds including AWS, Azure, Google and our VMware clouds across Canada. Visit www.carbon60.com to learn more.

Contact us to find out more about our solutions and how Carbon60 can help with your cloud journey.