



Empowering Digital Transformation: A Comprehensive Azure Cloud Strategy with an Office 365 Strategy and Migration

Challenge

A non-profit organization in the power and electric sector had faced restrictions for years that prevented its team from adopting cloud technologies. As competitors moved forward with cloud implementations, the client was eager to modernize its systems as soon as possible to keep up.

Fortunately, the restrictions disallowing cloud technologies were recently lifted, enabling the client to pursue a comprehensive cloud strategy to quickly and securely transition to an improved infrastructure. Due to the highly regulated nature of the client's industry, compliance and specialized security were of the utmost importance. The client also desired a cloud solution that would allow a smooth transition to avoid downtime or other difficulties.

The organization's goals included:

- Compliance with industry regulations
- Data governance and enhanced security
- A seamless integration with existing systems
- The flexibility, scalability, and enhanced computing power of the cloud

Solution

The non-profit originally engaged INSPYR Solutions to implement a cloud migration to Microsoft Office 365 (O365). During the course of working with the client to assess technical readiness, their team recognized the need for an environment that could support strict data governance tailored to their needs. Because of the relationship and trust cultivated

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with the client throughout the initial phases of the project, they sought recommendations from our team for how to proceed.

Based on our extensive expertise in the field, we recommended an Azure landing zone to complement the O365 migration. An Azure landing zone is a pre-configured environment designed to serve as the structured and scalable foundation for cloud deployments in Microsoft Azure. It includes a set of guidelines, templates, and best practices for setting up key cloud infrastructure components like networking, identity, security, management, and governance. It also typically includes automated services highly governed by code to ensure that new elements comply with operational and security requirements.

The client agreed with this solution, so we incorporated an Azure landing zone initiative into the cloud migration project. The Azure landing zone fulfilled the prerequisites for the type of strict data governance the client sought and integrated seamlessly with the rest of the O365 cloud setup and migration project. This gave the client a brand-new Azure environment that could be governed in accordance with the client's industry regulations, security best practices, and organizational preferences.

Our solution had several interconnected components:

- O365 cloud engineering and deployment
- Azure architecture development
- Terraform development for the Azure landing zone

- Azure landing zone deployment
- Automation and coding to ensure seamless integration of all elements

Outcome

The client sought our expertise to drive a radical digital transformation that would bring them up to speed with the latest cloud technology. This involved designing and implementing a tailored cloud strategy that included an Azure landing zone and Office 365 migration. The result was a seamless migration to Microsoft Office 365 and a new cloud environment tailored to the client's business needs.

In addition to the scalable, faster, and more powerful cloud infrastructure INSPYR Solutions delivered, the client also benefited from the enhanced collaboration, productivity, and security offered by the Microsoft Office suite. The cloud environment facilitated by the Azure landing zone is now highly governed by code and automation, which greatly reduces the threat of bad actors or human error. This digital transformation has also eliminated the client's dependence on a self-managed data center, introducing additional cost efficiencies and savings.

The results of our comprehensive cloud implementation include:

- Migration to the cutting-edge Microsoft Office 365 cloud environment
- Seamless integration with existing systems
- An Azure landing zone for strict data governance
- A scalable, secure, powerful cloud solution

- Enhanced collaboration and productivity
- Compliance with industry regulations
- Cost efficiencies and savings

In addition to the cloud implementation and Azure landing zone projects, the client has engaged INSPYR Solutions for future initiatives including the implementation of an Azure virtual desktop (VDI) environment.

Client Profile

A nonprofit organization in the power and electric sector, the client is dedicated to ensuring reliable power supply and transmission infrastructure for consumers within its service region. The organization aims to deliver competitive pricing and has been expanding its coverage area while collaborating with similar organizations across the country.

Technologies Supported

Microsoft Azure, Office 365, and Azure VDI

About INSPYR Solutions

Technology is our focus and quality is our commitment. As a national expert in delivering flexible technology and talent solutions, we strategically align industry and technical expertise with our clients' business objectives and cultural needs. Our solutions are tailored to each client and include a wide variety of professional services, project, and talent solutions. By always striving for excellence and focusing on the human aspect of our business, we work seamlessly with our talent and clients to match the right solutions to the right opportunities. Learn more about us at inspyrsolutions.com.