



Case Study:

Mitas Re-architecture and Cloud Landing Zone

mitas.com



Executive Summary

Beginning in mid-2023, Mitas Group undertook a significant infrastructure expansion to accommodate ongoing growth and modernization efforts. Initially engaging Cloud Pathfinder Services Inc. (CPS) for expert consultation on Azure SQL services, particularly pricing tiers and multi-client database pooling, Mitas subsequently entrusted CPS to spearhead a comprehensive re-architecture of their cloud environment. Under the leadership of Don Milligan, CPS successfully designed and implemented a robust, secure cloud landing zone aligned with industry best practices, effectively addressing unique security and data separation challenges faced by Mitas.

Background

For over thirty years, the Mitas Group has provided critical services to housing finance agencies, earning a reputation for their rigorous standards in administrative security, data segregation, and robust access protections. To maintain this industry-leading standard amid rapid growth and evolving technological demands, Mitas required a thorough modernization of their cloud infrastructure.

Challenge

Transitioning to an entirely new cloud landing zone required meticulous partitioning of Mitas's existing services into clearly defined, secure segments. This redesign also necessitated the establishment of sophisticated interconnections between isolated segments, ensuring stringent protection from unauthorized access or misuse. A notable pain point was the need to entirely overhaul firewall strategies to accommodate and secure this highly segmented architecture.

Solution

Don Milligan of CPS led the strategic planning and execution of the redesigned cloud infrastructure. His contributions extended beyond hands-on implementation, offering valuable strategic consultations across complex architectural areas. Don introduced innovative solutions to streamline the deployment, effectively reducing delivery timelines and mitigating potential project risks.



Implementation

The comprehensive re-architecture of Mitas's cloud landing zone was completed and successfully deployed by mid-2024. This new infrastructure adhered strictly to best practice frameworks, resulting in:

- Highly secure, partitioned services interconnected safely through newly designed firewall rules.
- Enhanced availability and scalability across all service layers.
- Significant improvements in operational efficiency, driven by innovative CPS solutions.

Mitas continues leveraging CPS's expertise, iteratively enhancing the cloud environment to accommodate evolving complexity and emerging client needs.

Results

Since the successful mid-2024 launch, Mitas has begun onboarding new clients utilizing the standardized cloud architecture. This uniform, scalable, and secure infrastructure has markedly improved onboarding efficiency, ensured regulatory compliance, and positioned Mitas to confidently scale and adapt to future challenges.

Client Testimonial

“It is with great confidence that I recommend Don for his outstanding contributions as an IT professional. Throughout our collaboration, he has consistently demonstrated a high level of professionalism, technical expertise, and a strong commitment to delivering quality results.

One of Don’s standout qualities is his ability to provide clear, concise, and accurate documentation—an often-overlooked aspect that has greatly improved communication and efficiency within our team. His work is consistently thorough and well-organized, making it



easy for both technical and non-technical stakeholders to understand complex systems and processes.

Beyond his technical skills, Don has proven to be a valuable consultant to our company. He offers insightful recommendations, anticipates potential challenges, and always approaches problem-solving with a strategic mindset. His input has played a significant role in guiding several successful projects and IT initiatives.

We truly appreciate his contributions and would not hesitate to work with him again or recommend him to others seeking a reliable and highly capable IT professional.”

*Steve Mitas
President
The Mitas Group, Inc.”*



****A full recommendation letter from Steve Mitas is available upon request.**