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Azure Managed Services for **Vantage Health Technologies**

**Transforming Healthcare Innovation
Through Cloud Efficiency**



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Introduction: **Scaling for Impact**



Vantage Health Technologies, a pioneer in healthcare solutions, develops AI-driven tools to address complex global health challenges.

However, managing a dynamic Azure environment to meet their innovation goals required a trusted partner. Mint Group stepped in, combining deep expertise in cloud technology with a commitment to delivering tailored, impactful solutions.



The collaboration aimed to create an Azure environment that empowered Vantage to focus on their core mission—improving healthcare outcomes—while ensuring operational stability and cost optimization.

The Challenge: Balancing Growth with Control

As Vantage expanded its services, it faced increasing complexity in managing its Azure platform. Key challenges included:

- Balancing cost-efficiency with high performance and scalability.
- Proactively addressing security threats in an evolving digital landscape.
- Automating maintenance processes without disrupting operations.
- Managing unexpected cost spikes and resource inefficiencies.

Without a strategic approach, maintaining control over their cloud environment threatened to hinder innovation.



The Solutions: Strategic Azure Management

Together, Mint Group and Vantage worked collaboratively to craft a tailored strategy that addresses Vantage's needs:

Cost Management

- **Reserved Instances:** Applied to virtual machines, SQL Databases, and Cosmos DB to reduce ongoing expenses.
- **Automation:** Leveraged Azure Stop/Start Logic Apps and Workbooks for optimized workload scheduling.
- **Resource Optimization:** Identified and eliminated unused resources using custom detection tools.

Enhanced Security

- **Azure Defender Deployment:** Strengthened security across servers, containers, and key vaults.
- **Access Controls:** Introduced Privileged Identity Management (PIM) for elevated access safeguards.
- **Automated Patching:** Ensured up-to-date Windows and Linux environments to mitigate vulnerabilities.

Business Continuity & Disaster Recovery

- **Aligned backup strategies** with Azure Backup for cross-region recovery.
- **Enhanced recovery vault security** through multi-user authorization and soft delete capabilities.
- **Conducted regular disaster recovery drills** to validate readiness.

This holistic approach ensured a secure, cost-efficient, and scalable environment tailored to Vantage's operational needs.

The Results: Tangible Impact

Quantifiable Gains

- Stable monthly operational costs despite increased Azure usage.
- Weekly cost tracking enabled proactive budget management.

Qualitative Benefits

- Improved platform stability through automation and security enhancements.
- Reduced downtime risks, allowing Vantage to focus on their core healthcare solutions.

Lessons Learned: Insights and Adaptation

Key Takeaways

- Strategic planning is vital when implementing changes in a live environment.
- Phased security implementation minimizes disruptions.
- Testing solutions in staging environments is essential to ensure smooth deployment.

Future Enhancements

- Building on this success, Mint Group plans to:
 - Further enhance Vantage's disaster recovery with technologies like Azure Site Recovery.
 - Explore granular automation in cost management for even greater efficiency.
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Conclusion: A Roadmap for Cloud Excellence

Mint Group's collaboration with Vantage Health Technologies exemplifies the power of a well-structured Azure management strategy. **The project not only stabilized costs and enhanced security but also set the stage for sustainable growth.**

This success serves as a blueprint for organizations in healthcare and beyond, **showcasing how innovative cloud management can unlock potential while safeguarding essential operations.**

“

Working together for seven years, we've grown from service provider to trusted partner. Together, we've transformed the Vantage Azure environment through continuous innovation, always focused on delivering more value. It's been a remarkable journey of shared success."

- Christo Greeff

Delivery Lead - App Modernisation - Azure
Mint Group

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Collaborating with the Vantage team is always an absolute pleasure. Through innovation and hard work, together we have built an exceptional Azure environment with cutting-edge solutions. I am glad to be part of this journey and can't wait to see what the future holds."

- Keith Williams

Senior Azure Engineer - Azure
Mint Group





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za.mintgroup.net

info@mintgroup.net

