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SOLUTIONS

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Modernizing Healthcare Digital Provider's Platform with AWS Migration

Client Background

A leading healthcare digital provider committed to transforming the healthcare industry via innovative technology solutions. With a history of leveraging technology to enhance healthcare operations, they recognized the need to modernize their existing infrastructure to stay aligned with their technology roadmap for future growth.

Client Need

The legacy infrastructure of client presented several challenges including:

- **Legacy product:** Their IBM Content Manager OnDemand (CMOD) system, hosted on an unsupported AS-400 platform, had become obsolete and needed replacement

- **Product and Old Storage Maintenance:** The expense of maintaining an aging infrastructure, accommodating approximately 200TB of data, was increasing

- **Critical Transactions and Reports:** Their business operations significantly relied on this platform, necessitating 24x7 availability. Any disruption could have severe repercussions

Our Solution(s)

To address these challenges, the client embarked on a comprehensive migration project. The key components of the solution included:

- **Migration Assessment & Planning:** A complete examination of the existing infrastructure, understanding the AS-IS and TO-BE architectures and meticulous planning to ensure minimal disruption

- **Phase 0:** Migration Analysis & Design – A detailed roadmap for the migration, including the architectural changes essential for a seamless transition

- **Phase 1:** Platform Migration – Moving the existing platform to AWS

- **Phase 2:** Content Migration – The content, constituting approximately 200TB of data, was migrated to the new platform without any loss or distortion

- **Phase 3:** Application Migration – The applications were moved to a modernized IBM+AWS infrastructure

- **Phase 4:** Validation and Go-Live Cut-off –Extensive testing and validation were conducted to ensure that the migration was successful, and that the new platform could go live without any incident

Tools and Technology

IBM, AWS

Key Benefits

The client reaped many significant benefits from the migration project:

- **Cost Savings:** The transition resulted in above 50% cost reduction in managing and maintaining the old platform, as they were no longer burdened with the expenses associated with the outdated AS-400 and IBM CVOD system

- **Improved Accessibility:** Instant access to critical reports and documents from anywhere and at any time enhanced operational efficiency

- **Reduced Manual Effort:** The client witnessed a 25% reduction in additional manual work, streamlining their processes and enhancing overall productivity

- **High Availability:** The new IBM+AWS platform had a 99% availability rate, ensuring that critical transactions and reports were accessible 24x7, reducing the risk of downtime

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