



CLIENT SNAPSHOT

Covera Health's Successful Migration from Cloud to an On-Premises Data Center with Bentley Ave Data Labs.



INTRODUCTION

In a collaborative effort, Bentley Ave Data Labs assisted Covera Health in the successful launch of a dedicated on-premises data center facility. This initiative aimed to enable rapid AI model training while reducing the overall cost faced by Covera's AI, Data Science, and analytics teams.

COMPANY BACKGROUND

Covera Health is leading the way in the emerging science of quality, deploying AI-powered quality insights to aid healthcare providers and payers in a shared quest to better define, measure, and deliver the highest standard of care to patients everywhere.

CLIENT OPPORTUNITY

After expanded investment in AI model development, Covera's cloud computing cost profile continued to expand. To reduce cost and risk related to cloud services, Covera built an on-premises data center. With technical consideration, Covera would be able to:

- Transition large and complex workloads from various cloud-based resources to the new on-premise data center
- Reduce rising hardware costs: Covera's AI development model leverages 24/7 model training and could reduce operating costs by directly owning hardware.
- Expand service levels and overall model throughput: engineering a shared system that runs continuously.



HEADQUARTERS
New York, NY

INDUSTRY
HEALTHCARE

BENTLEY AVE DATA LABS SERVICES
Data Science & AI
Workflow Migration
Data Center Deployment



"The support from Bentley Ave Data Labs was crucial in overcoming the challenges of our data center migration.

Their team was highly engaged and responsive, helping us configure our systems for optimal performance. Their intervention was key to ensuring our workflows ran smoothly and efficiently."

Rajeev Rattehalli
Director of Platforms, Covera Health

SOLUTIONS PROVIDED

Bentley Ave Data Labs evaluated Covera Health's existing cloud setup and developed a detailed migration plan focused on minimizing disruption and ensuring data integrity. Leveraging our expertise in data center implementations and deep understanding of Kubernetes, we accelerated the migration and ensured a successful setup. Continuous collaboration with Covera Health's team, combined with essential training and support, facilitated a smooth transition. Additionally, performance issues were addressed by optimizing configurations and workflows, ensuring the new setup met or exceeded the performance benchmarks of the previous cloud setup.

RESULTS & OUTCOMES



Swift Cloud Migration

Migration was completed and delivered within three months, transitioning smoothly from cloud-based services to the on-premises data center.



Dramatic Cost Reduction

Significant reduction in operating costs with enhanced performance and reliability of data processing tasks.



Faster, Smoother Operations

Overall productivity boost from improved runtimes and coordination.



Continuous Improvement

Continuous support helped Covera's team adapt to the new environment, with future training initiatives for additional improvements.



"Bentley Ave Data Labs brought unparalleled expertise to our data center project. Their in-depth knowledge of Kubernetes and ability to quickly implement solutions allowed us to transition from cloud-based services to an on-premises data center efficiently. We actually skipped the proof of concept (POC) due to Jamelle's and his team's proven track record of delivering value on Databricks. This move not only enhanced our operational capabilities but also significantly reduced our costs."

Craig Irvine

VP of Engineering, Covera Health