

# Data Center Migration and Managed Services to AWS



## Executive Summary

Tri-County Orthopedics (TCO) is migrating all hosted data center services to the AWS cloud. Intuitive Technology Partners, Inc. is leading the cloud strategy, architecture, migration, and managed services for TCO.

## Goals

### Reduce Costs.

Move from a hosted service capacity price model to a consumption price model to gain cost efficiencies and leverage technology enhancements.

### Improve performance and scalability, and reduce downtime.

Deliver a cloud solution that meets current technology requirements yet automatically scales to meet real-time demand, increased performance and uptime availability.

The enhanced cloud solution and service will include automation to rapidly scale the enterprise and reduce downtime through real-time proactive management incorporating best in class AWS services.

Significantly enhance the managed services model to meet all customer SLAs.

## Challenges

TCO currently utilizes a hosted managed service that does not meet business and technology requires and costs significantly increase year over year. Additionally, the managed services delivery model does not meet security and operational requirements which increases overall vulnerability to the business.



*World-Class Team. Hometown Choice.*

Tri-County Orthopedics is the most preferred, recognized, and awarded orthopedic practice in the region. Our orthopedic surgeons and physicians are specialists dedicated to caring for your entire musculoskeletal system. That means our orthopedic doctors treat every injury, deformity, and disorder that can affect your bones, joints, muscles, spine, nerves, tendons, and ligaments.



## Solutions and Outcomes

### AWS IaaS Solution and Data Center Migration

The ITP AWS cloud solution is an end-to-end IaaS design to support Commercial Off The Shelf (COTS) EMR and other healthcare applications, as well as file and print shares, and remote desktop services. The AWS solution is integrated with on-prem services and end user customers through active directory, network and security, EC2, EBS, IAM to meet HIPAA compliance. ITP delivered the following initiatives for TCO:

- Cloud Strategy
- AWS Well-Architected Solution Design and Engineering Plan
- Data Center Migration Strategy and Plan
- Application Integration

### Cloud Managed Services

The ITP Managed Services solution includes a white glove customer engagement model, 24 x 7 support, enhanced proactive monitoring and alerting, technology compliance to meet healthcare regulations, and End-Point device security.

Designed toolsets to automate performance, capacity, and incident management integrated into and ITSM platform.

## About us:

Intuitive Technology Partners, Inc. (“ITP”) is an engineering firm headquartered in New Jersey with Centers of Excellence across the Americas, EMEA & APAC. We are a strategic solutions & professional services provider supporting global enterprise clients. We have been intimately involved in Public & Hybrid cloud transformation journeys. Additionally, we continue to invest in innovative Cloud & Security startups that provides tremendous value to our customers and partners addressing key business and technical challenges.



### Core Solutions & Services:

- [Cloud Migrations to AWS](#)
- [DevOps & DevSecOps with AWS](#)
- [Migration to AWS Aurora/RDS Database](#)
- [Migration to AWS DynamoDB](#)
- [Containerization Management & Orchestration with AWS](#)
- [VMware Cloud on AWS](#)

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