



## Azure Stack Edge AI/ML & Cloud Applications in Healthcare: 5 Day Workshop

This workshop from WWT produces a strategic plan of execution for healthcare organizations seeking to modernize how data is used to deliver care via the latest cloud and edge computing technologies from Microsoft and Intel.

Advances in cloud computing, data analytics and AI/ML have the potential to transform healthcare. Identifying the right applications for such technology is the first step every healthcare organizations should take in the journey to delivering the right data to the right people at the right time to improve outcomes.

Yet implementing advanced solutions in a healthcare environment can be slowed by regulations, outdated and disparate legacy infrastructure, data privacy and security protocols, latency demands, and a lack of technically skilled resources.

It can be confusing where to begin. WWT's **AI/ML & Cloud Applications in Healthcare** workshop can help.

- **Recommended prerequisite:** If you're unfamiliar with [WWT's Remote Healthcare Monitoring proof of concept using Azure Stack Edge Pro](#), click this link see how one hospital system unlocked the potential of edge compute and AI to turn real-time data into actionable insights for clinicians.

### Workshop overview

You've heard about the power of Azure Stack Edge technology. But do you understand how to leverage it?

Over the course of one-week, applicable WWT subject matter experts will work closely with your organization to identify concrete opportunities for digital transformation and develop an executable roadmap to achieve your goals. Workshops are tailored to each healthcare organization's unique needs.

### What to Expect: Phase 1 Workshop

#### Day 1&2/ Stage 1: Write Your Future

To better understand your opportunities for transformation, we begin with a look at your legacy IT infrastructure and operational processes. After we learn about your core business, pain points and technology stack, we'll take a deep dive into the topic areas of most interest to you along with the key outcomes you wish to achieve by introducing a technology like Azure Stack Edge. Topics covered in this future-mapping exercise are entirely up to you. Examples might include security and governance, standardization, and technology and process maturity.

Once we help you write your future, we will show you how to make that new world happen.

#### Day 3 & 4/ Stage 2: Guided Learning & Solutioning in the ATC

Our experts then educate your team on the various technology solutions that can be leveraged to achieve your goals. This guided learning takes place in [WWT's Advanced Technology Center \(ATC\)](#), a collaborative innovation ecosystem to design, build, educate and deploy innovative technology products, integrated architectural solutions and digital business outcomes.

Using our state-of-the-art lab's simulation capabilities — available remotely or in person — your team will experience firsthand how solutions like Azure Stack Edge will perform in your environment. Our team uses feedback from this session to refine our architectural design and reference code.

### **Day 5/ Stage 3: Solution Showcase**

As a deliverable, our consultants create an actionable roadmap outlining the steps needed to execute the high-level solution design jointly developed in prior stages. You'll learn what components need to be built versus those that can be repurposed from existing technology. You'll learn about recommended process changes and upskilling needed to achieve your transformation goals. Finally, our experts will package and deliver Phase 1 findings in an easily consumable format (e.g., video presentation) that demonstrates to executive decision-makers the immediate and long-term value of WWT's recommendations.

### **Next Steps: Phase 2 Proof-of-Value**

The AI/ML & Cloud Applications in Healthcare workshop represents the first step in a recommended two-part engagement.

For organizations interested in implementing the Phase 1 solution roadmap, a separate **Phase 2 Proof-of-Value** engagement is recommended to further test, validate and optimize the solution in your actual environment before organization-wide deployment.

Because details will differ by customer and solution type, Phase 2 engagements will be discussed and scoped with each healthcare organization individually toward the end of each Phase 1 workshop.