

# Accelerating Cloud-Empowered AI in Healthcare

From better predictive algorithms to improved patient care and cost-savings, it's clear that artificial intelligence (AI) brings distinct advantages to healthcare providers. While hospitals and health systems are taking steps to accelerate cloud-empowered AI to drive innovation, HIMSS leadership research, sponsored by Logicalis and NetApp, reports there are still perceived obstacles that stand in the way of deployment.\*

## What surveyed hospital leaders say:

### AI IS A STRONG FACTOR IN SETTING CLOUD DEPLOYMENT STRATEGIES WITHIN THEIR ORGANIZATIONS



**75%** report AI enablement is a primary or prominent component in their cloud deployment strategies



**98%** are transitioning or planning to transition computing workloads and storage to the cloud



### REDUCED COSTS AND IMPROVED EFFICIENCY AND FUNCTIONALITY ARE SEEN AS TOP CLOUD DEPLOYMENT BENEFITS

#1



**66%**  
cite lower overall costs

#2



**58%**  
cite higher data-processing capacity

#3



**57%**  
cite stronger enablement of in-house AI initiatives

#4



**55%**  
cite streamlined workflows for clinicians and other patient-facing staff



## C-suite leaders

are more likely to see improved data normalization as a cloud deployment benefit\*\*

### 98% OF SURVEY RESPONDENT HOSPITALS ARE NOW TAKING STEPS TOWARD IMPLEMENTING AI, MACHINE LEARNING AND DEEP LEARNING INITIATIVES



INCREASING DATA STORAGE CAPACITY

**59%**



INTEGRATING WITH THIRD-PARTY AI VENDOR SOLUTIONS

**49%**



NORMALIZING DATA ACROSS DISPARATE SYSTEMS

**48%**



CREATING AN ENTERPRISEWIDE AI STRATEGY

**46%**



INVESTING IN FASTER COMPUTING AND NETWORK INFRASTRUCTURE

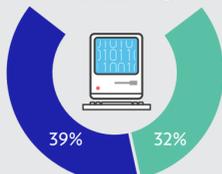
**45%**

### SECURITY AND CLINICAL DECISION SUPPORT ARE THE MOST LEVERAGED AREAS FOR AI ADOPTION

USE OR PLAN TO WITHIN THE NEXT YEAR:

Clinical decision support

**71%**

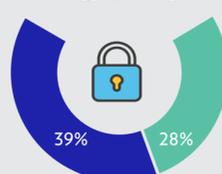


**39%** in production or pilot

**32%** planned use or pilot in next 12 months

IT security/cybersecurity

**67%**

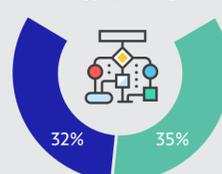


**39%** in production or pilot

**28%** planned use or pilot in next 12 months

Workflow improvements

**67%**

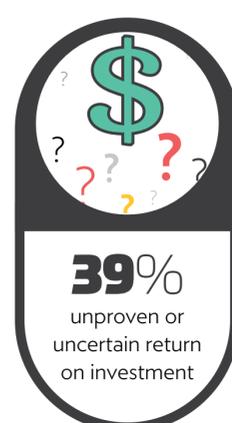
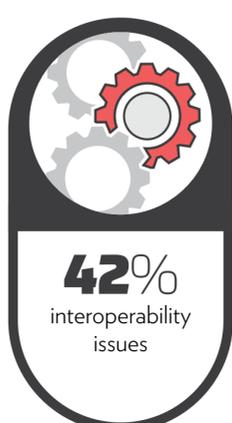


**32%** in production or pilot

**35%** planned use or pilot in next 12 months

### BUT BARRIERS THAT SLOW DOWN AI ADOPTION REMAIN

## 3 TOP CONCERNS



**Harness the right cloud deployment strategy, and ignite AI innovation within your organization.**

For more information, visit [logicalis.com](http://logicalis.com) or email [info@us.logicalis.com](mailto:info@us.logicalis.com).



#### About Logicalis

Award-winning Logicalis US works alongside our customers to recommend, plan, and implement a digital transformation strategy that aligns with their business goals. Through our consulting and managed services and with our longtime strategic partners, we then deliver custom security, network, workplace, cloud, data center, and IoT & analytics solutions. As Architects of Change™, we help our customers to deploy and adopt technologies that engage their employees and customers, optimize and manage IT operations for improved agility and cost savings, and employ emerging technologies that deliver innovative outcomes.

#### About NetApp

In a world full of generalists, NetApp is a specialist. We're focused on one thing, helping your business get the most out of your data. NetApp brings the enterprise-grade data services you rely on into the cloud, and the simple flexibility of cloud into the data center. Our industry-leading solutions work across diverse customer environments and the world's biggest public clouds. As a cloud-led, data-centric software company, only NetApp can help build your unique data fabric, simplify and connect your cloud, and securely deliver the right data, services and applications to the right people – anytime, anywhere.

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\*HIMSS Survey: "Thought Leadership in AI: Cloud as the (Unseen) Fuel for AI Adoption." July 2020. Sponsored by Logicalis and NetApp. This research was conducted among individuals in C-suite (77%), senior management (19%) and manager or supervisor (4%) positions in U.S. multi-hospital systems/IDNs, academic medical centers and other hospitals. Logicalis and NetApp were not identified as the survey sponsors.

\*\*Interoperability is the process of eliminating data redundancy to strengthen data integrity.