



## React quickly to market changes. Unleash the power of the intelligent edge.

Deloitte can help you engineer IoT and edge computing platforms to empower your business operations.

Business leaders know that competitive advantages are gained by reacting quickly to market changes. When businesses choose to leverage Azure, Deloitte's Internet of Things (IoT) capabilities can help them connect and capture operational data from telemetry or connected edge devices to positively impact all areas of business. By making decisions based on real-time insights, organizations can better predict machine maintenance, automate workflows, and improve customer experiences, giving leaders the ability to easily tune business models, create and enhance revenue streams, and improve profitability. By instrumenting an Intelligent Edge, we can help guide you on your journey to improve your business workflows and connected operations, move edge devices and computational power closer to end users, and centralize the management of these devices from the cloud.



### The intelligent edge: key benefits and uses

#### Deloitte's intelligent edge capabilities can enable clients to:

- Monitor customer behavior and use insights to enhance user experience
- Reduce costs by moving from disparate, isolated automations to fully connected operations
- Predict and optimize device maintenance schedules by capturing device data and signal inputs
- Implement remote device monitoring and fault detection

### Take an easier path to the edge

#### Plug into industry best practices

Through our depth and breadth of experience in a wide variety of sectors, we understand the challenges and best practices of your industry and can dive deep to thoroughly evaluate your operational processes.

#### Utilize edge strategically

Leveraging our people, methodologies and tools, we can help ensure that your business outcomes guide the decision of how to best utilize intelligent edge principles for your strategic advantage.

#### Balance speed and agility with cost

Our hybrid cloud experience means you have the flexibility to preserve legacy investments, where it makes sense, or scale quickly with cloud resources.

#### Improve network latency

Application deployment patterns introduce latency into your network traffic—we help address protocol switching, shared network resources / bandwidth, inefficient routing, and distance between locations.

#### Manage cloud complexity

We help you determine where data, applications and workloads reside, and the most efficient and safe way to migrate (or modernize) your data and apps to cloud—connecting multiple instances of cloud with on-premises IT and managing various cloud providers.

#### See the value

You will quickly see the benefits to your bottom line around operational costs and the ability to effectively move to more predictive and autonomous operational models.

#### Integrate next-generation technology

Integrating intelligent edge turnkey IoT solution offerings with artificial intelligence and machine learning-powered analytics helps you to make faster and more effective business decisions.

#### Maintain security

While implementing edge computing and IoT present an abundance of new endpoints to secure, our team works with your team to keep your data safe wherever it resides on the network. The key is a high-level application platform, like Azure Sphere, with built-in communication and security features for IoT devices and a cloud-based security service that provides continuous, renewable security.



#### Use case: Automotive Connecting drivers and their vehicles

Customer centricity is a key to automotive revenue generation. IoT integrated into vehicle dashboards can interact with drivers and their mobile devices—using the intelligent edge to connect drivers, vehicles, devices, and data seamlessly. Drivers—benefiting from vehicle telemetry from this tight integration of device, user and vehicle—gain a better, safer driver experience, while automotive businesses build brand value by supporting this focus on increasing customer satisfaction and enhanced engagement.



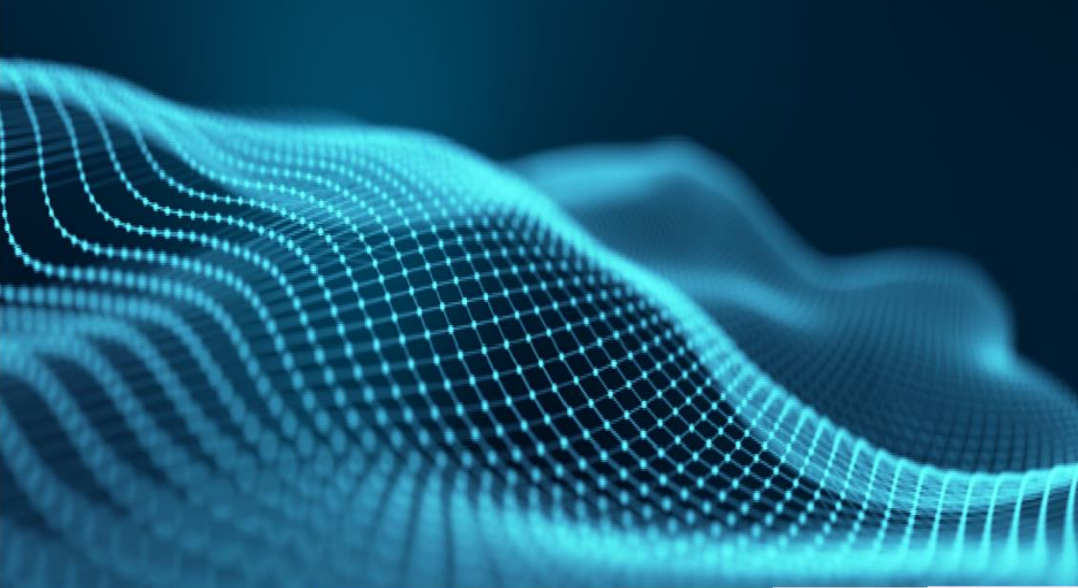
#### Use case: Health care Accelerating the smart hospital transformation

In today's increasingly value-focused health care market, health care institutions face continued pressure to improve quality of care while reducing costs. In this environment, the potential benefits of digitally connected ambulatory and inpatient health services—using IoT-connected devices and patient-generated data to consolidate and facilitate diagnosis and treatment—are numerous and far-reaching. Tapping into our deep experience and strategic and technical insights in health care and cloud, Deloitte's Azure capabilities can help speed your smart hospital transformation.



#### Use case: Manufacturing Facilitating smart automation on the factory floor

Research consistently reveals that the deployment of smart factory technologies delivers connected operations that yield improvement in cost, throughput, quality, safety and revenue growth by combining the capabilities of industrial internet of things (IIoT), cloud and edge computing, robotic process automation (RPA), artificial intelligence (AI) and machine learning. Deloitte's Azure capabilities are helping clients accelerate the transition to smart manufacturing processes, providing strategic guidance, innovative use cases, technical resources, and solutions custom to the unique demands and requirements of their respective industries.



## Industry insights to help achieve what cloud makes possible—faster

We apply industry and business domain depth across six key sectors where Deloitte practitioners can drive particular advantage when a client uses Azure:

### Consumer

Combining Azure’s capabilities with Deloitte’s tested solutions across tech, human capital and strategy, manufacturing organizations enhance real-time supply chain and/or customer experience value.

### Energy, Resources & Industrials

Deloitte’s specialists provide comprehensive, integrated solutions to all segments of sectors: oil, gas & chemicals; power, utilities & renewables; and industrial products & construction.

### Financial Services

Deloitte is recognized as a leader in cloud professional services,<sup>6</sup> and organizational and technology transformation to financial and insurance organizations.

### Government & Public Services

Deloitte’s team brings decades of experience, fresh perspectives and extensive technology resources to help government agencies and educational institutions fulfill their missions.

### Life Sciences & Health Care

Deloitte provides strategies and comprehensive solutions to help organizations respond to the opportunities and challenges in today’s ever-evolving life sciences and health care industries.

### Technology, Media & Telecommunications

Deloitte’s TMT practice has a wealth of experience in helping technology, media and entertainment, and telecom companies evaluate complex issues, develop fresh approaches to problems and implement practical solutions.

## Why Deloitte?

Deloitte’s Microsoft Technology Services Practice connects your business ambitions to all that cloud makes possible, helping you create an innovative new reality and future.

### Innovate with confidence

We help your cloud investment drive value quickly by understanding how to translate Azure’s capabilities into your desired business outcomes.

### Connect for impact

Deloitte builds on the technology you know and integrates a portfolio of industry- and domain-specific tech capabilities—optimized to deploy on any technology you choose—to accelerate and amplify cloud’s impact for your business.

### Realize your possible

Deloitte’s advise, implement, and operate capabilities—built on decades of large-scale transformations and collaborations with tech organizations and complex ecosystems—are trusted to help you realize your possible and modernize your future.

## Our integrated Azure consulting services

Deloitte’s Microsoft Technology Services team brings the breadth of services and depth of resources that enable us to help you keep pace with change, regardless of your challenges and opportunities.



### Analytics + AI

Template-driven analytics to drive rapid business insights



### Intelligent Edge + IoT

Industry-aligned use cases and best practices for leveraging turnkey IoT



### Azure Hybrid Cloud

Predefined architectures, best practices and use cases for Azure Stack Hub, Azure VMWare services, and Azure Edge scenarios



### SAP S/4HANA on Azure

Next-generation SAP platform leveraging the power of cloud



### Application Modernization

Cloud native development and app modernization approaches to address app transformation



### Deloitte Cloud Accelerator (DCA) for Azure

Predefined core services, automation and reference architecture components critical to operating in Azure at scale

## Recognized leader

For the most up-to-date list of our analyst accolades, please see our [website](#).

## Get in touch

### Deloitte’s Microsoft Technology Services Practice

#### Practice Leadership

**Jagat Patel**  
Chief Commercial Officer & Global Practice Leader  
Deloitte Consulting LLP  
[jagpatel@deloitte.com](mailto:jagpatel@deloitte.com)

**Scott Rodgers**  
Chief Technology Officer  
Deloitte Consulting LLP  
[srodgers@deloitte.com](mailto:srodgers@deloitte.com)

#### Sales and Opportunities

**Courtney Kidd Chubb (Global)**  
Global Growth Officer  
Deloitte Consulting LLP  
[ckiddchubb@deloitte.com](mailto:ckiddchubb@deloitte.com)

**Thomas Hale (U.S.)**  
US Cloud Business Executive  
Deloitte Consulting LLP  
[thhale@deloitte.com](mailto:thhale@deloitte.com)

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