KPMG Microsoft

Unleashing the power of the Healthcare Cloud

with Microsoft Azure and KPMG Security

A cloud-native, analytics-enabled PHI environment on Microsoft Azure by KPMG

Experience the advantages of the cloud with security and HIPAA controls built in. With innovative analytic and visualization tools, you can now take full advantage of the power, efficiency, and insights from the collective experience of two leading firms – KPMG and Microsoft – to enhance your business performance and outcomes.

KPMG Healthcare Azure analytics platform

How is this different?

This is not a generic cloud platform. This environment is specifically designed for the healthcare industry and brings together two leaders to deliver results for you. We have developed specialized IP around architecture, governance, controls and security. This cloud native solution can increase your business performance, with high speed to value.

What about PHI and security?

We understand that concerns about security and compliance, are amongst the biggest inhibitors to moving sensitive data to the cloud. Our environment is designed to meet the standards of HIPAA, NIST 800.53 Rev 4, 21 CFR part 11, HITRUST, and FISMA, and can be tailored to your specific needs.

How does data move back and forth?

We have developed secure transfer mechanisms to help ensure the data is encrypted in transit as well as at rest. Our distinctive IP enables the transformation of reference and your proprietary data into analytics-ready data sets.

Am I locked into a certain technology?

You can utilize third-party visualization tools, modeling and analytics software and other components. This is your cloud and we will work with you to map your operational and governance controls into this secure platform.

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What are we providing?

We deliver a cloud native Azure environment to meet the security needs of providers, payors, life sciences and medical device companies, while enabling high impact analytics in a scalable and efficient manner.

We have two broad pathways for our clients:

- Azure cloud migration: for clients who understand the benefits of a cloud environment and wish to migrate applications to the cloud
- Azure cloud development: for clients who have an existing Azure environment and wish to increase their value from this investment

What analytics are possible?

While we have existing use cases in areas like clinical care optimization, revenue cycle and patient access, the possibilities are endless. Currently, clients are considering HCP compliance and digital transformation for key process flows, among other uses.

Examples of use cases

Use case	Provider	Payor	Life Sciences	Use of Machine Learning/AI
Value based care	✓	✓		✓
Market share analytics	✓	✓	✓	
Value based contracting	✓	✓	✓	✓
HCP spend analytics			✓	✓
FCPA/Anti-corruption			✓	✓
Care continuum optimization	✓			✓
Misconduct risk and remediation	✓		✓	✓
Patient access	✓			✓
Revenue cycle optimization	✓			✓

KPMG has deep knowledge in these, plus several more use cases, and will customize them to your needs

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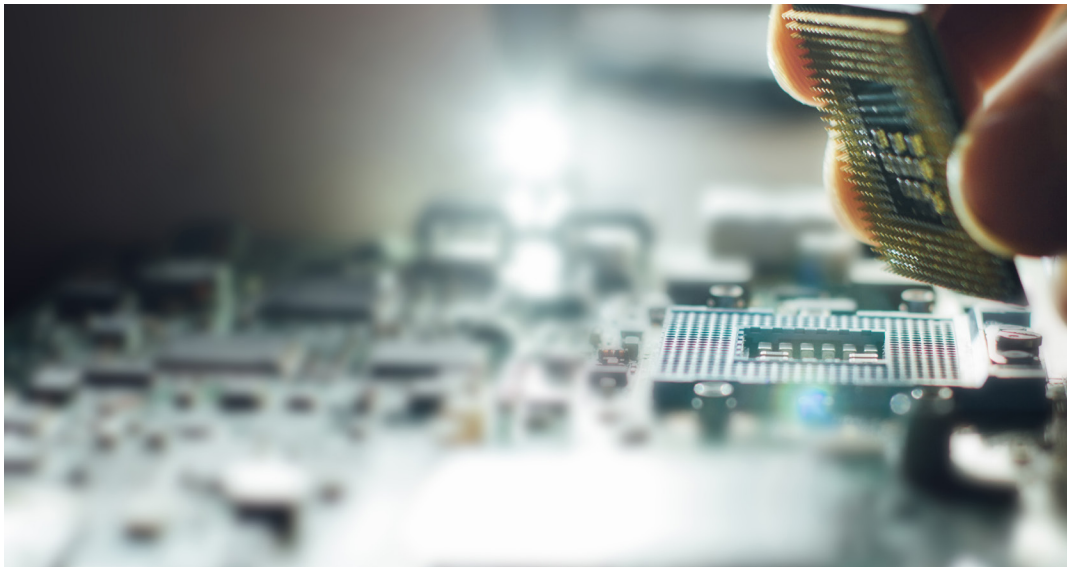
Azure + KPMG vs. other providers

Key differences	Gives you…	Key Client Questions
All Cloud Providers	**Cloud Initiation** — HIPAA compliant components and services	**How do I put these components and services together in a HIPAA compliant manner?**
Cloud Provider + SI	**Cloud Implementation** — Mapping client controls to cloud services — Data migration — Security monitoring in the cloud	**How do I keep control over my data and enable all components work together securely?** **What are the key roles and responsibilities?**
Azure + KPMG	**All above plus** **Cloud advantages and ROI** — A robust and tested data analytics environment — KPMG domain driven use case library — Reference architecture, governance and controls for major Azure components (e.g. identity and access mgmt.) — Well defined roles and responsibilities matrix for client, Microsoft and KPMG — Security and application integration of the full environment including your use of third party tools (e.g. analytical and visualization software)	**How will I enhance my clinical, financial and operational performance with the cloud?**



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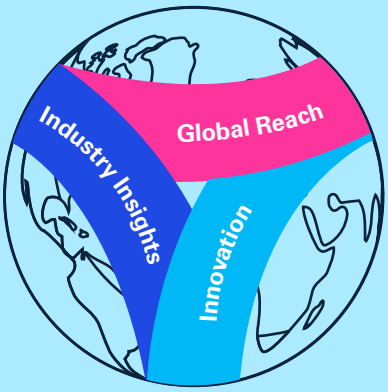

Global Presence. Local Delivery.
KPMG is a full-service, global network of member firms delivering business and technology integration with a robust and growing number of consultants with Microsoft experience.

Our global reach, multi-disciplinary approach and deep, practical industry knowledge helps our clients to identify, understand, and address IT, compliance, risk, regulatory, tax and security challenges, with the flexibility of starting at any point during your digital transformation journey.

Powered by Microsoft Azure and KPMG's trusted security and analytics

Microsoft Partner
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2020 Partner of the Year Winner
Global SI Digital Transformation Award
2020 Partner of the Year Finalist
Advisory Services Award

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