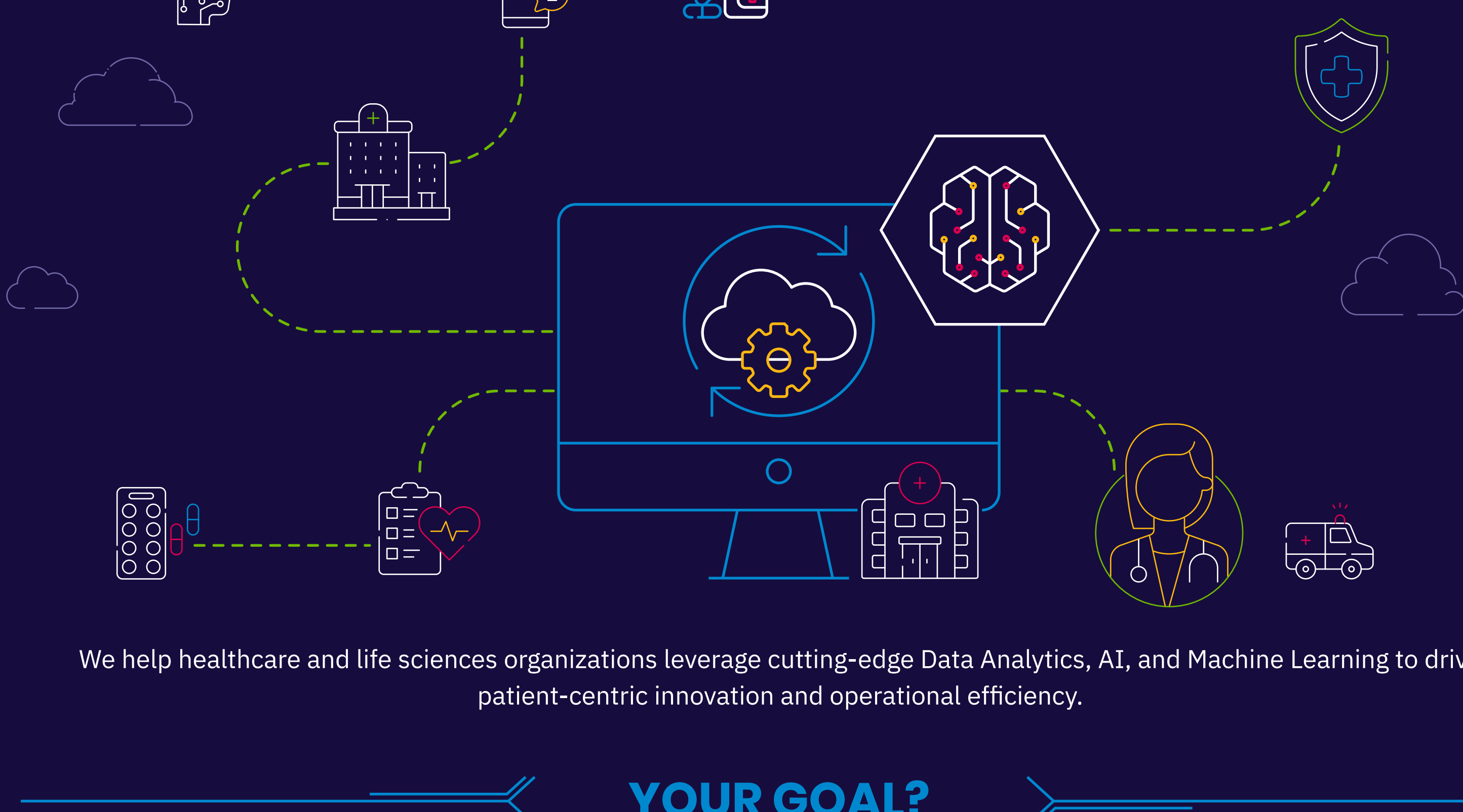
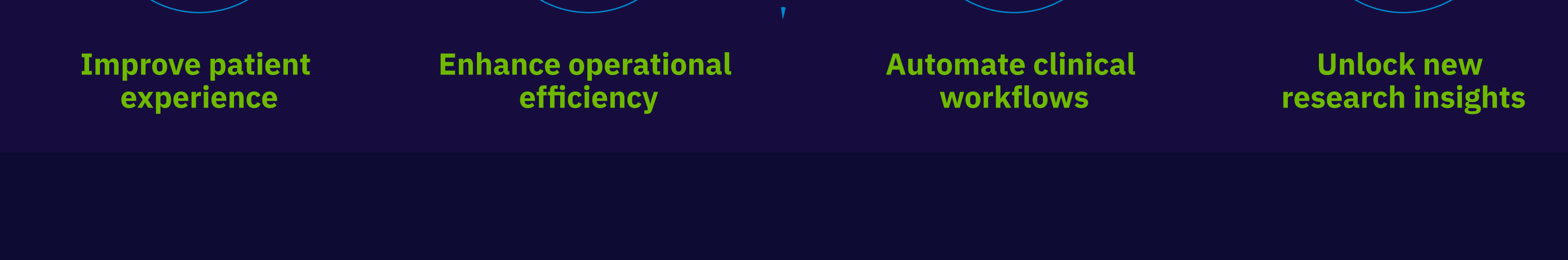


Where data meets innovation in healthcare



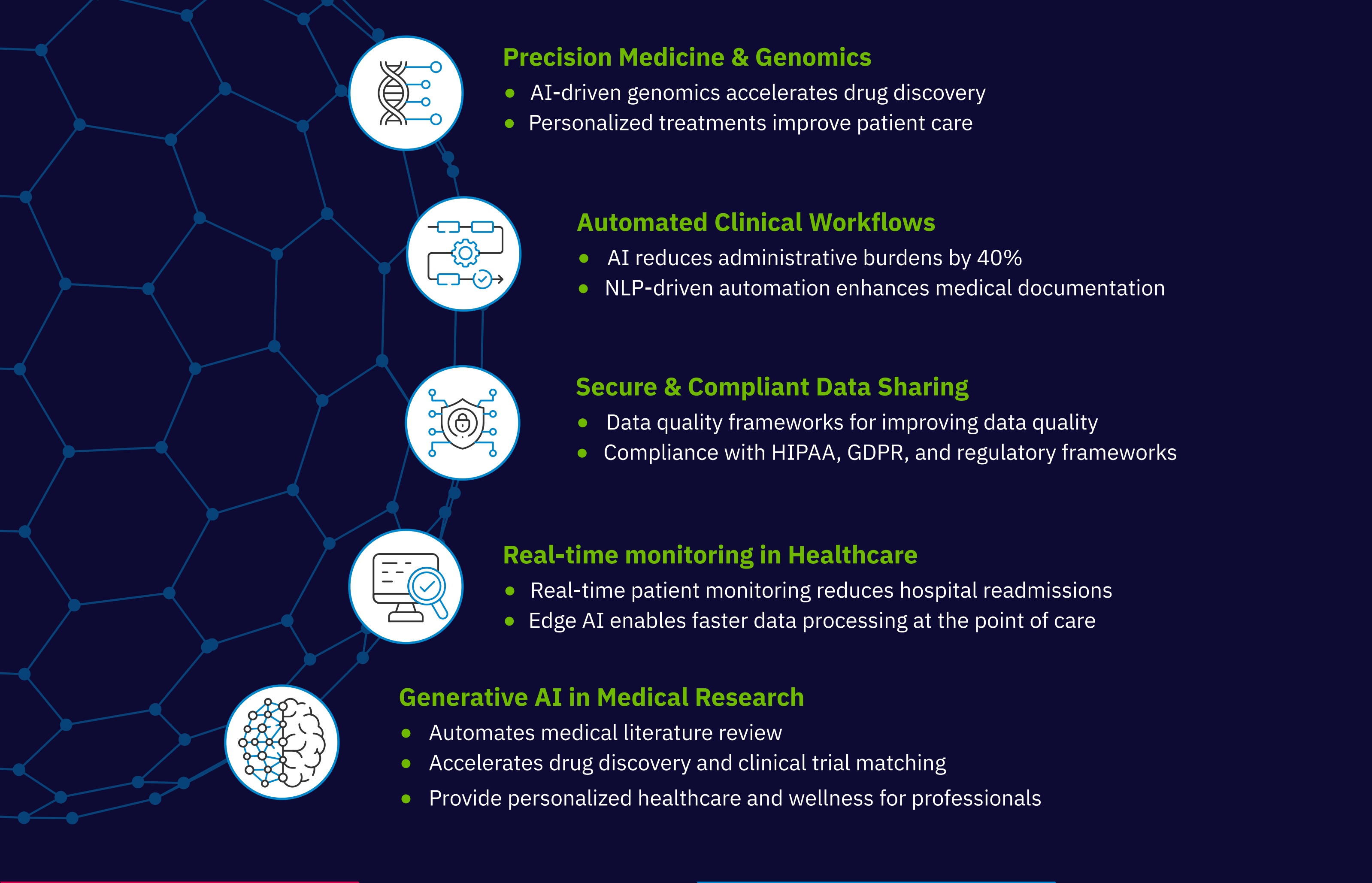
We help healthcare and life sciences organizations leverage cutting-edge Data Analytics, AI, and Machine Learning to drive patient-centric innovation and operational efficiency.

YOUR GOAL?



THE DIGITAL HEALTHCARE REVOLUTION

The healthcare sector is undergoing a rapid digital transformation. Here are key trends shaping the future:

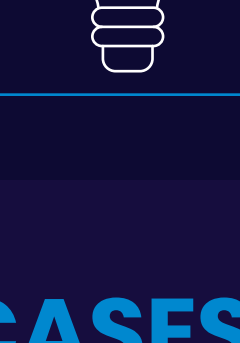


THE CHALLENGE:



Managing vast amounts of healthcare data while ensuring compliance, security, and efficiency.

THE SOLUTION?



Mactores bridges the gap between technology and healthcare innovation with tailored AI and data solutions.

BUSINESS USE CASES

WHERE AI MEETS REAL-WORLD IMPACT



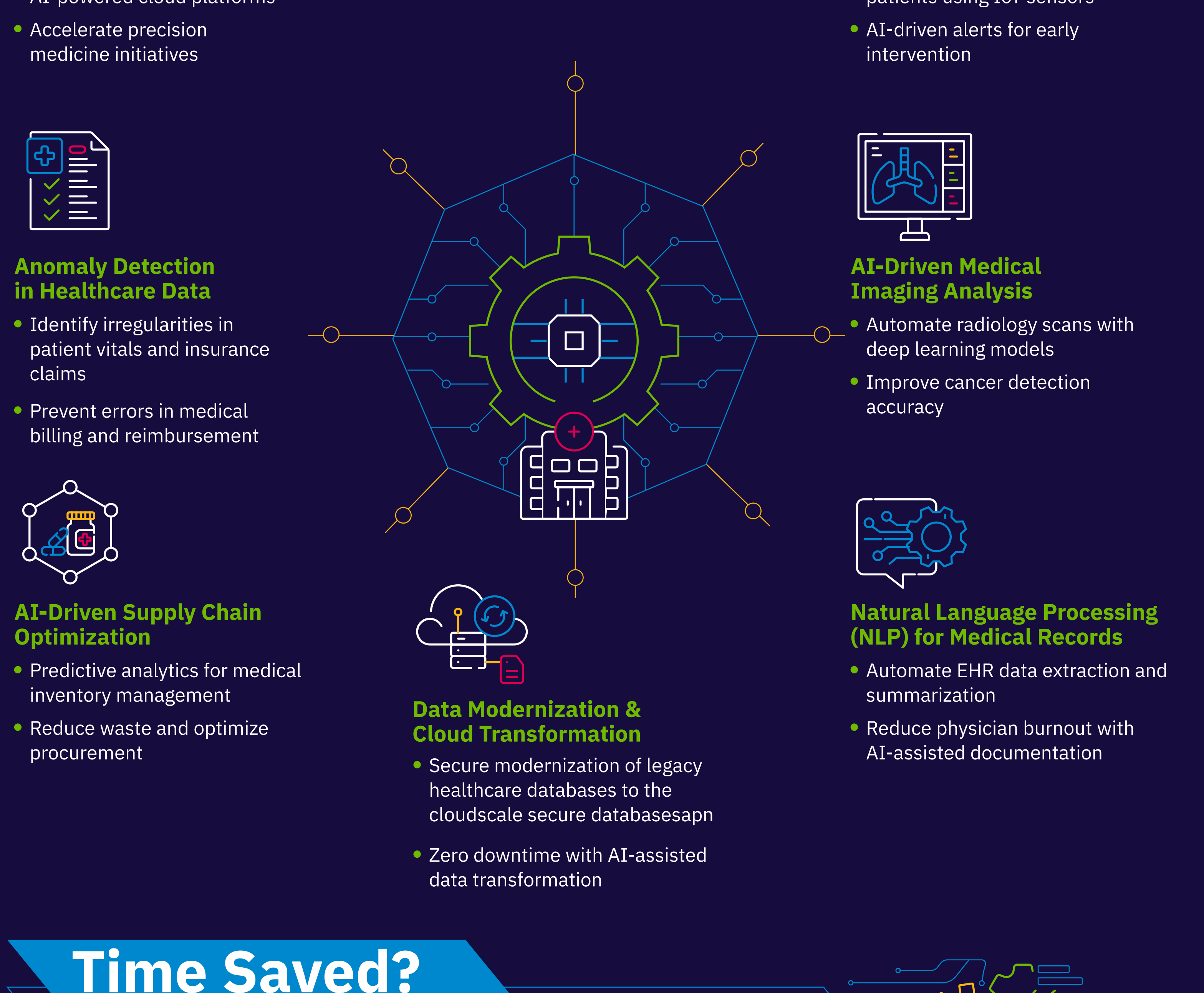
Outcome

Faster, more accurate, and efficient healthcare services



TECHNOLOGY USE CASES

THE BACKBONE OF INNOVATION



Time Saved?

Months of manual work automated!



MACTORES SOLUTIONS

ENGINEERING EFFICIENCY IN HEALTHCARE

Let's Transform Healthcare, Smarter:

1

Strategic Analytics Consulting

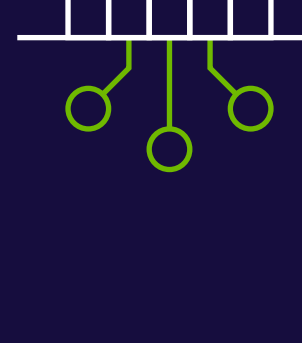


Transform Data into Outcomes
Reimagine your healthcare strategy with expert-led consulting on data architecture, AI adoption, and digital transformation. From clinical data to operational KPIs — we help you unlock real impact.

Data Management & Governance

4

Trust Built on Data Integrity
Deploy robust data governance frameworks that ensure HIPAA, FDA, and GDPR compliance — while maintaining agility across your analytics ecosystem.



2

Custom AI & ML for Healthcare



Intelligent Models, Tailored for Care
Build AI/ML models that power early diagnostics, patient personalization, and real-time operational decisions. Precision medicine starts with precision models.

Digital Transformation Roadmaps

5

Modernize with Purpose
From EHR upgrades to patient engagement platforms — we co-create IT modernization blueprints that minimize risk, accelerate delivery, and future-proof your ecosystem.



3

Seamless Technology Integration

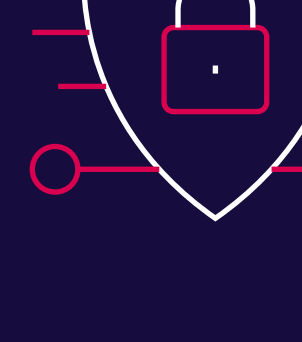


Cloud. AI. IoT. All Aligned.
Enable scalable healthcare systems with smooth integration of cloud platforms, AI engines, and IoT devices — driving real-time insights and streamlined workflows.

HIPAA & FDA-Compliant Architectures

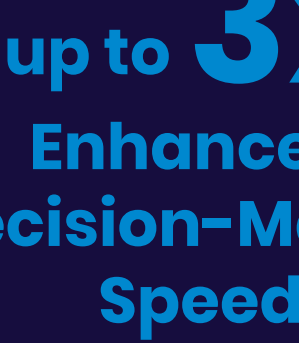
6

Secure by Design
Engineer cloud-native data platforms that meet the highest regulatory standards. Security, auditability, and performance — built into every layer.



CASE STUDIES

EMD SERONO



up to 3x
Enhanced Decision-Making Speed

Implementing advanced analytics and ML platforms which enabling companies to respond swiftly to market changes.



60%
Improved Agility and Efficiency

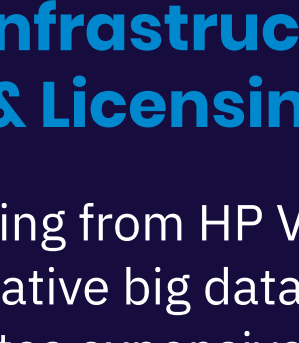
Transitioning to a modern data platform allows business teams to build custom workflows and process new datasets, leading to more efficient supply chain operations.



3x
Accelerated Machine Learning Development

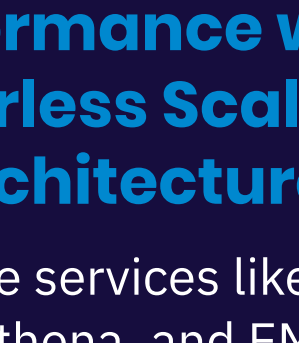
A modular platform enables ML teams to experiment supply chain processes.

Mede/Analytics



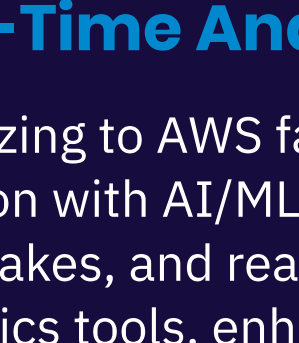
up to 70%
Cost Reduction in Infrastructure & Licensing

Migrating from HP services to AWS-native big data services eliminates expensive licensing costs and optimizes cloud-based resource utilization, significantly reducing overall operational expenses.



300%
Faster Query Performance with Serverless Scalable Architecture

AWS-native services like Amazon Redshift, Athena, and EMR enable high-performance data processing with on-demand scalability, improving analytics speed and user experience.



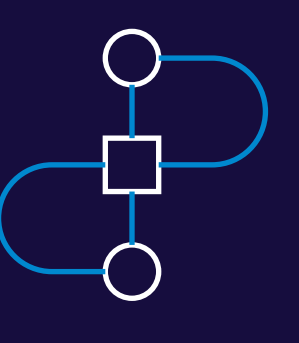
Seamless Integration & Real-Time Analytics

Modernizing to AWS facilitates integration with AI/ML services, data lakes, and real-time analytics tools, enhancing data-driven decision-making and operational efficiency.



99.99%
Availability & Disaster Recovery with Automated Backups

AWS provides a highly available and fault-tolerant architecture with automated backups, ensuring business continuity and compliance with industry regulations.



Faster Time to Market with Automated Pipelines

Mactores accelerates deployment through automated data ingestion, transformation, and analytics pipelines, reducing development cycles and enabling faster insights.



Enhanced Security & Compliance

Leveraging AWS security best practices, including encryption, IAM roles, and automated monitoring, ensures robust data protection and regulatory compliance.