



FACT SHEET

HUMANIZING PATIENT CARE WITH AWS

Unified view of patient health with AWS-ready framework and modern cloud data analytics platform



WE ENABLE #HUMANFIRSTDIGITAL

Apexon is a digital-first technology services firm specializing in accelerating business transformation and delivering human-centric digital experiences. For over 20 years, Apexon has been meeting customers wherever they are in the digital lifecycle and helping them outperform their competition through speed and innovation.

Our reputation is built on a comprehensive suite of engineering services, a dedication to solving our clients' toughest technology problems, and a commitment to continuous improvement. We focus on three broad areas of digital services: Experience, Digital Engineering, and Data. Apexon also possesses deep expertise in healthcare and life sciences.



AWS FOR HEALTHCARE

Patient data collected from doctor visits, diagnosis, and medication, as well as the data collected through wearables plays a huge role in delivering care. However, healthcare data is very complex and carries sensitive information. Therefore, it is difficult to share healthcare data and provide a unified view.

A cloud-first, data-driven, digital strategy that keeps patients at the center is needed.

Apexon leverages AWS cloud to help life sciences and healthcare organizations get their digital innovations to market faster, with higher service levels and less risk. We deliver secure and compliant solutions following industry standards and regulations like HIPAA, GDPR, FDA, and FHIR.



ABOUT APEXON

- + 6000+ Digital Experts
- + Headquartered in Silicon Valley
- + Additional Locations: New York, Chicago, London, Mexico and India
- + Backed by Goldman Sachs and Everstone Capital
- + 20+ Global Delivery Centers
- + ISO9001 and ISO27001 Certified and HIPAA Compliant

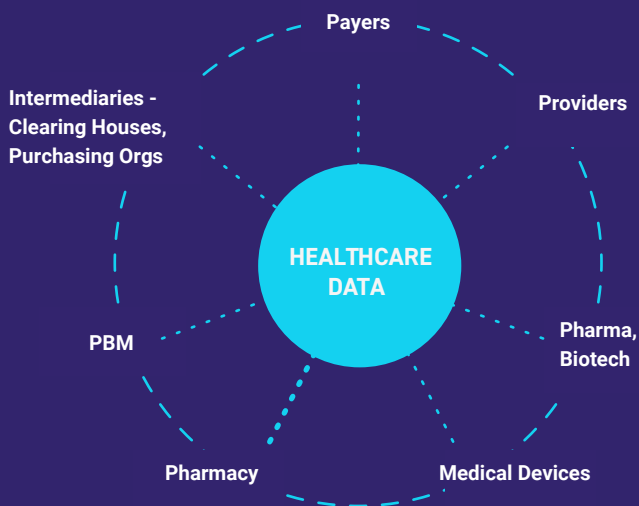
PATIENT 360

A unified view of patient health with an industry proven framework and modern cloud data analytics.

Patient 360 is a healthcare framework that consolidates patient and member data across the care delivery system to provide a unified view, facilitating better outreach and improved health outcomes.

It provides healthcare organizations with an all-round view of the patient. It enables providers, payers, and life sciences firms to not only track patient prognosis, but also to help them understand various KPIs. Additionally, the framework provides predictive analytics to empower decision making for healthcare and life sciences organizations.

Patient 360: Powered by Apexon's Healthcare Data Analytics Platform (HDAP)



Data Sources

- Appointment and encounter details
- Current health conditions, active problem list
- Past health conditions
- Medications and allergies
- Past medical and surgical history
- Primary care visits
- Labs and investigations
- Imaging and scans
- Social determinants of health
- Hospitalizations
- Family history
- Daily activity and lifestyle
- Communication preferences

OUTCOMES WE DELIVER



Identify care gaps and address high-risk situations



Support proactive care that reduces cost and improves outcomes



Enable healthcare firms to rapidly leverage, utilize, and monetize their data assets



Personalized care



Support standard data models-OMOP



Enable regulatory reporting and compliance



Overcome data silos

THE APEXON ADVANTAGE

The **Apexon Healthcare Data Analytics Platform (HDAP)**, built on AWS managed components, acts as a data accelerator – enabling users to harness healthcare data assets more effectively for diagnostic, exploratory, predictive, and prescriptive needs.



Operating from one source of truth. Surfaces information on patient health supporting personalized precision health



Customizable and intuitive dashboard for in-depth view of the patient's health



Optimized AWS-based architecture that is reliable and scalable. It can be deployed fast and provides higher flexibility to curate patient data



Seamless integration with existing clinical workflows to manage patient health more efficiently

APEXON HEALTH DATA ANALYTICS PLATFORM (HDAP)

HARNESS HEALTHCARE DATA FOR A COMPETITIVE ADVANTAGE

HDAP is a healthcare-specific accelerator that enables healthcare and life sciences organizations to:



More easily leverage and monetize their data assets



Define key stages/steps for preparing healthcare data for analytics



Leverage ready code for processing standard healthcare data types [HL7, CCDA, DICOM, FHIR, labs, known EMRs]



Support standard models such as OMOP for persisting healthcare data, enabling data normalization and longitudinal data representation

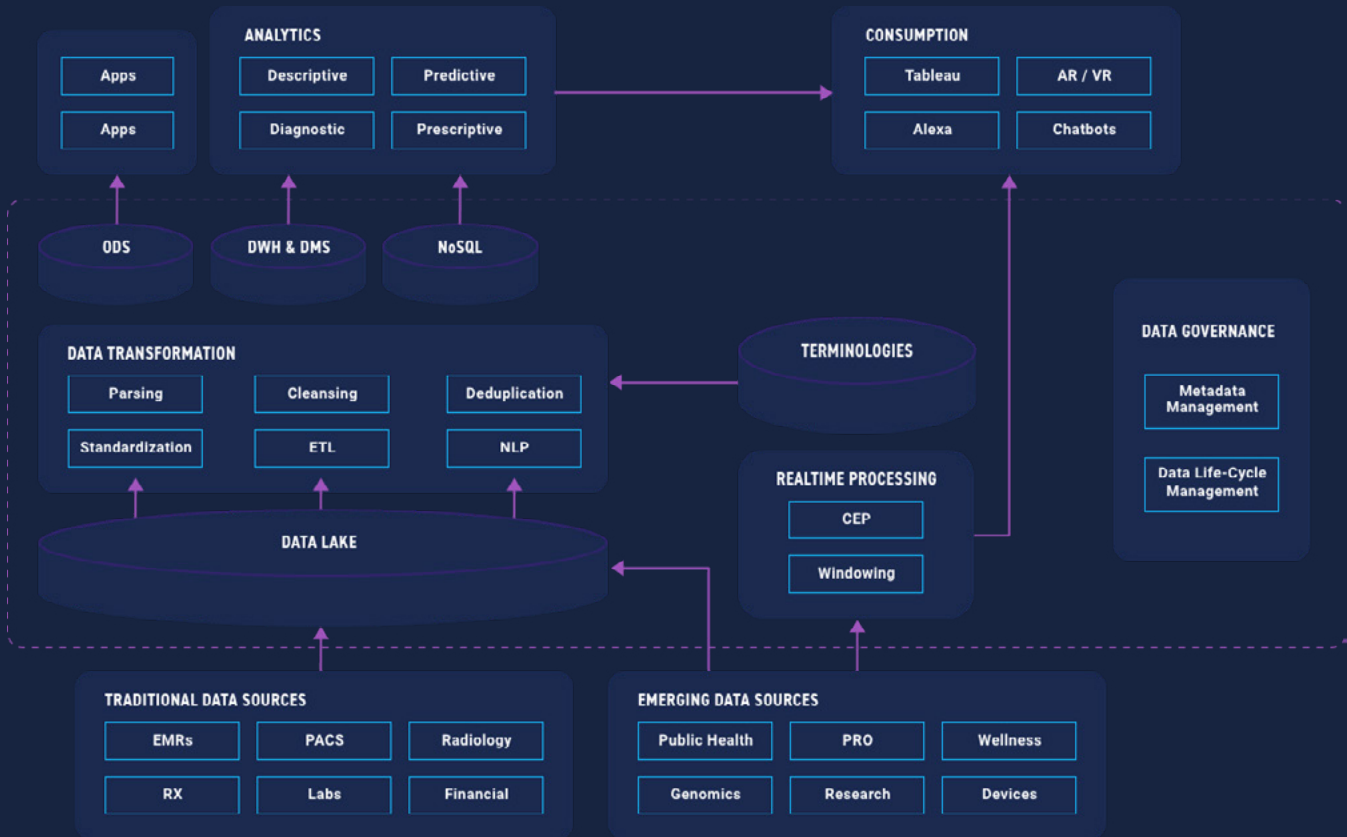


Enable regulatory healthcare reporting, KPI calculations, and leveraging data for research



Provide a reference implementation built on AWS using platform components enabling pay-as-you-go

HDAP LOGICAL ARCHITECTURE



HOW WE DELIVER



UNIQUE TECHNOLOGY
ACCELERATORS FOR
FASTER TIME-TO-MARKET



PATIENT-FIRST
CULTURE



DEEP EXPERTISE
IN EMERGING TECHNOLOGIES
& HEALTHCARE & LIFE
SCIENCES DOMAIN



DISTRIBUTED AGILE
GLOBAL TEAMS



DATA-DRIVEN USER
EXPERIENCE



PROGRESSIVE
DELIVERY

KEY BUSINESS USE CASES



HEALTH DATA CLOUD FOR CONSUMER DIAGNOSTICS

With the rise in wearables to move customer experience and insights to the data cloud



PATIENT 360 FOR IMPROVED HEALTH OUTCOMES

Consolidate patient data across touchpoints for a deeper understanding of their needs and deliver individualized care at every stage of the patient journey



DRIVE INTEROPERABILITY

Secure and scalable platform to centralize and share sensitive health data, while complying to HIPAA and HITRUST guidelines



OPTIMIZE VALUE-BASED CARE

Use member information from payers to facilitate value-based payments based on personalized risk adjustments



PREDICT DISEASE TRAJECTORIES

Recommend early intervention through predictive analytics on data from hospitals, clinics, and claims data



ACCELERATE DRUG DISCOVERY

Leverage cloud analytics to understand what drugs are most needed in the market and prescribed by physicians and expedite their development



SCALE COMMERCIAL ENGAGEMENTS

Aggregate data from CRM tools and traditional digital marketing platforms to deliver personalized, integrated, and multichannel physician and patient engagements



CLOUD GENOMICS

Cost effectively process biomedical data at scale, speeding time to insights and achieving breakthrough research faster

OUR PARTNERSHIP WITH AWS



FIND OUR SOLUTIONS ON AWS MARKETPLACE



Healthcare Data Analytics Platform (HDAP)

Harness healthcare data for
a competitive advantage

[LEARN MORE >](#)



Digital Remote Device Management Platform (RDMP)

Simplify the monitoring
of critical IoT devices

[LEARN MORE >](#)



Data Dip

Data Pipeline Validation

[LEARN MORE >](#)

EXPLORE OUR AWS SOLUTIONS FOR HEALTHCARE & LIFE SCIENCES

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FEELING SOCIAL?

