



FACT SHEET

# HUMANIZING PATIENT CARE WITH AWS

Unified view of patient health with AWS-ready framework & 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, and have 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 play a huge role in delivering care. However, healthcare data is very complex and carries sensitive information making it 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

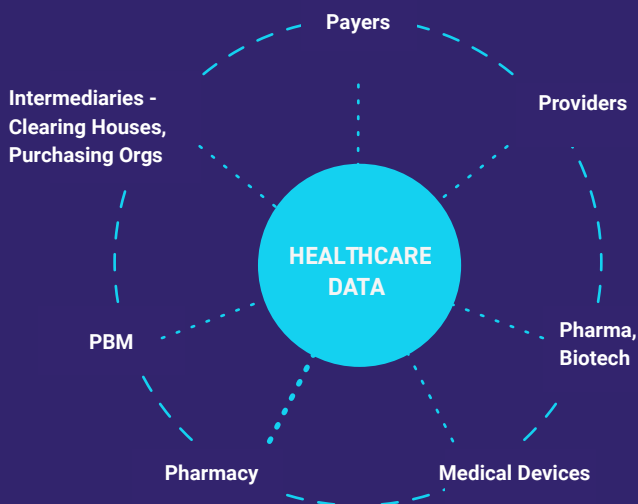
A healthcare framework that consolidates patient and member data across the care delivery system to provide a unified view of patient, facilitating better outreach and improved health outcomes.

Patient 360 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.

The framework offers usage of predictive analytics to empower Healthcare and Life Sciences organizations.

## Patient 360 framework powered by Apexon Healthcare Data Analytics Platform (HDAP)

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### 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



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



Achieve HL7/ FHIR interoperability



Support standard data models- OMOP



Enables regulatory reporting and compliance



Accelerators to overcome data silos



Reference implementation built on AWS- Pay as you go

# 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.

## APEXON HEALTH DATA ANALYTICS PLATFORM (HDAP)

# HARNESS HEALTHCARE DATA FOR A COMPETITIVE ADVANTAGE

Health Data Analytics Platform (HDAP) is a healthcare specific data unification platform that enables healthcare and life sciences organizations to:



Leverage, utilize and monetize their data assets to provide a single source of truth for patient and member data (Patient 360)



Define key stages/steps for preparing healthcare data for analytics



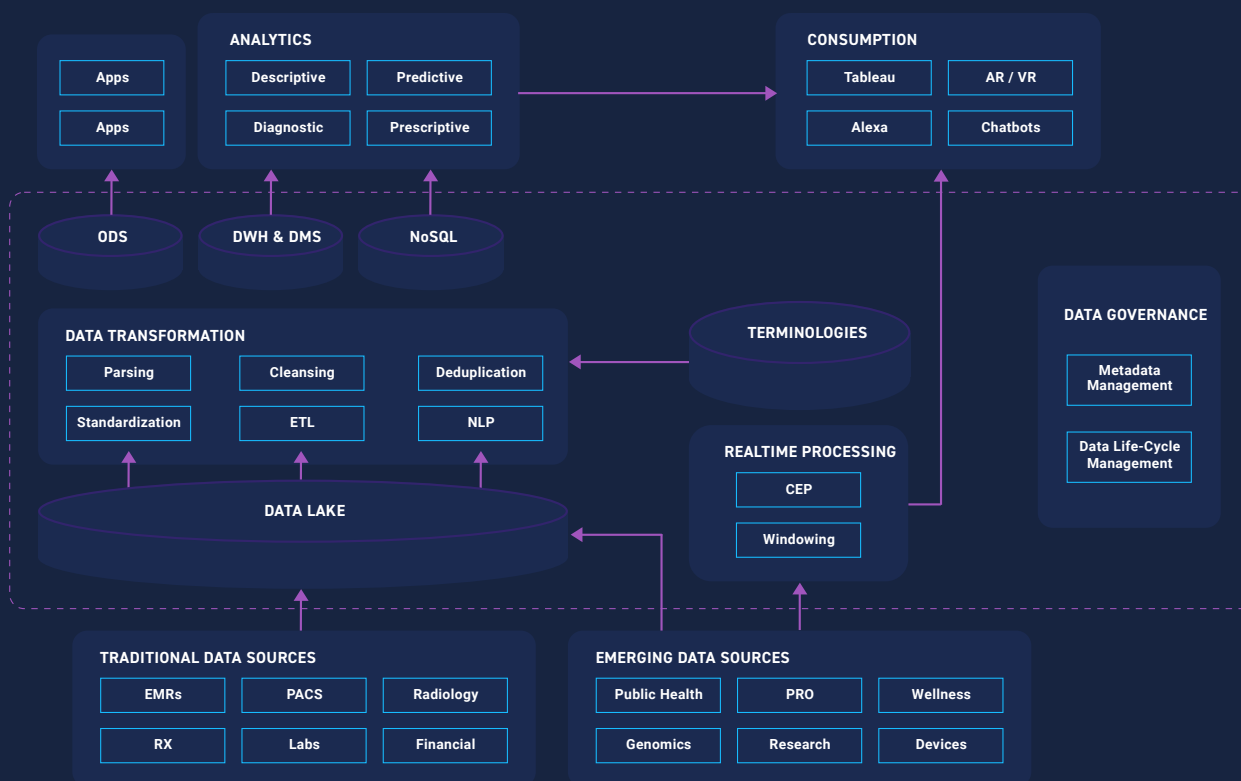
Leverage ready code for processing standard healthcare data types [HL7, CCD, DICOM, FHIR, labs, known EMRs]



Perform critical data analytics following standards, regulations and best practices of healthcare domain related to data privacy and security, data quality and governance, compliances, regulations and storage or data modelling.

## APEXON HDAP ON AWS

# A CLOSER LOOK



# 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**

PATIENT 360 ON AWS DELIVERED BY APEXON

## KEY USE CASES



### PATIENT OVERVIEW

Customizable & intuitive dashboard for in-depth view of the patient's health history including medications, allergies, conditions, and treatment plan, facilitating more effective and personalized care.



### VALUE-BASED CARE

Enabling payers and providers to track care utilization with focus on scenario-based forecasting. Claims and clinical data provide a single source of truth for determining provider reimbursements.



### PRECISION HEALTH

Proactive and personalized care that empowers people to lead healthy lives.



### PAYMENT INTEGRITY

Enabling identification and mitigation of fraud, waste and abuse resulting in reduced claim overpayments.



### PERSONALIZED OUTREACH

Enables proactive and timely engagements with the patient/caregiver; improves brand loyalty and recognition.



### CLINICAL TRIAL MANAGEMENT

Help Clinical Trial study designers identify ideal candidates and capture all relevant interactions and transitions, leading to improved clinical trial outcomes.

## 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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