



FACT SHEET

# PATIENT CENTRICITY AND CARE EXCELLENCE WITH DIGITAL HEALTH SOLUTIONS

For Hospitals, Life Sciences,  
Pharma and Medical Devices



## DIGITAL TECHNOLOGIES ARE CHANGING THE FOUNDATION OF HEALTHCARE

Digital is driving the healthcare industry, creating structural shifts where new and existing business models are merging.

Cloud, mobile and IoT are accelerating groundbreaking new treatments, reinventing patient care, improving access to valuable clinical information, and streamlining operations and lowering costs.



## DIGITAL ENGINEERING SERVICES FOR HEALTHCARE

Apexon is a digitally native company working with leaders across the healthcare ecosystem to take advantage of digital to create more efficient, innovative, and modern patient and provider experiences.

We apply the latest in mobile, IoT, and AI technologies to help leading hospitals, device makers, pharma and life science innovators realize the promise of digital in the form of:

- Important treatment breakthroughs
- New levels of patient engagement & care
- Telehealth enablement
- Faster cycle time for new innovations
- Valuable analytic insights
- Dramatic operational efficiencies



# SIGNIFICANT OBSTACLES

Despite the tremendous progress and innovation, there are still significant obstacles:



The high cost and inefficiency of patient care



The inability to connect disparate digital health record systems



Increasing impersonalization of the patient-provider relationship



Concerns about patient data security and privacy



Getting new innovations to market quickly, fully compliant with FDA requirements, with full user functionality



Integrating and tuning new digital capabilities with existing IT infrastructure

# HOW WE DELIVER



UNIQUE TECHNOLOGY ACCELERATORS FOR FASTER TIME TO MARKET



CLIENT-FIRST CULTURE



DEEP EXPERTISE IN EMERGING TECHNOLOGIES



DISTRIBUTED AGILE TEAMS



DATA-DRIVEN USER EXPERIENCE



PROGRESSIVE DELIVERY

## FOCUS AREAS

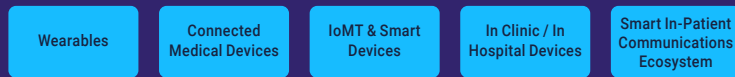
- HIS, EHR, EMR
- Data Analytics & Monitoring, Validation & Verification, Regulatory Compliance
- Patient Engagement
- Claims Adjudication
- MedTech Engineering
- Wearables & IoT
- Device Firmware & Companion Apps

## CUSTOMER SEGMENTS

- Life Sciences Companies
- Medical Devices
- Healthcare Providers / Hospitals
- MedTech Startups
- Payers
- Clinical Research Organizations

# DIGITAL HEALTH FRAMEWORK

## PATIENT JOURNEY TOUCHPOINTS (PROVIDE OMNI CHANNEL EXPERIENCE)



Wellness Monitoring Prevention Diagnosis Prescriptions

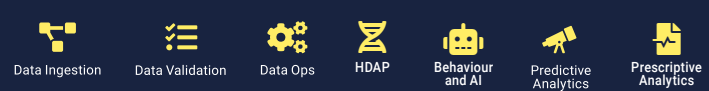
### INTEGRATION



### CORE HEALTHCARE



### DATA & ANALYTICS



### TECHNOLOGY INFRASTRUCTURE



1

Orchestrate and manage patient journeys through centralized hubs to ensure effective and efficient care - whether the patient is on-site and / or remote.

2

Develop and integrate companion mobile applications with high-performance FDA compliant medications and devices; support HIPAA and CFR compliance.

3

Create visibility and continuity across the patient care experience to assure quality and efficiency, streamline workflows across departments; capture valuable analytics to improve care; increase transparency and accountability.

4

Overcome fragmented documentation and simplify access to real-time patient information for care providers; enable access to the latest clinical information to inform and improve provider care and self-care.

5

Power the healthcare experience with the right technology infrastructure; find the right technology infrastructure; find the right balance of scalability, flexibility and performance for current and future needs.

## DELIVERING INNOVATION AND RESULTS FOR OUR HEALTHCARE CLIENTS



### Improved Hospital Operational Efficiency

Reduced patient wait times and patient satisfaction; streamlined operational data preparation for leadership team and increased data transparency and insights.



### Ingestible Digital Medicine

Led ideation, development, and V&V of the companion mobile application for this FDA-approved, MDDS Class-II ingestible digital medicine including high-performance BLE connectivity. Included support for HIPAA and CFR compliance.



### Data-Driven Efficiency

Helped large healthcare provider cope with fragmented documentation, interruptions in retrieving patient notes by other physicians, enabling access to real-time health data and assisted progress notes for better diagnosis.



### Willow Wearable Breast Pump

Developed companion mobile app and automated firmware testing within FDA compliance requirements resulting in dramatically faster time to market and lower development costs.



### Patient Wayfinding

Reduced patient wait time, hospital visit duration and improved wayfinding using IoT device-assisted location and tracking. The result was a higher number of attended patients and increased procedures per patient.



### Improved Medical Device Platform

Enhanced mobile & web platform for Type-1 diabetes patients. Created scalable solution for BLE health data, encryption, and personalization driven by algorithms for CGM medical device.



### Remote Monitoring

Helped healthcare provider remotely monitor out-patients at home and in-patients at the hospital using connected medical devices. Smart algorithms alert PCP to critical situations and help forecast such events in advance.



### Revamped Patient Onboarding Experience

Designed and developed a guided digital experience for non-domain experts to onboard patients on the Pharmacy Benefit Management PaaS.



### Pharmacy Inventory Management

Developed a mobile and web application infrastructure to automate the cycle count functionality of the pharmacy inventory.



### Smart Scheduling & Intelligent Triage

Helped large healthcare provider define, develop, and implement a novel appointment booking experience for patients.



### FDA-Compliant SaMD

Led development and supported FDA compliance requirements from concept to launch for this companion mobile app for SaMD.



### Digital Rounding

Helped in the digital rounding process for patients and employees to improve outcomes and streamline workflow across departments.



Apexon is a pure-play digital engineering services firm focused on helping companies accelerate their digital initiatives from strategy and planning through execution. We leverage deep technical expertise, Agile methodologies and data-driven intelligence to modernize systems of engagement and simplify human/tech interaction.

We deliver custom solutions that meet customers' technology needs wherever they are in their digital lifecycle. Backed by Goldman Sachs and Everstone Capital, Apexon works with both large enterprises and emerging innovators — putting digital to work to enable new products and business models, engage with customers in new ways, and create sustainable competitive differentiation.

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### FEELING SOCIAL?

