



SUCCESS STORY HEALTHCARE

NAVIGATING CANCER DELIVERS INDUSTRY-LEADING DIGITAL ONCOLOGY SOLUTIONS WITH AWS

Apexon leverages Healthcare & Technology expertise to accelerate product development



Amazon S3



AWS Lambda



Amazon SQS



Amazon Pinpoint



Navigating Cancer is at the forefront of improving the lives of cancer patients with the most broadly deployed oncology patient management platform in the US.

Backed by industry-leading patient satisfaction ratings, the company's digital solutions support more than one million patients, thousands of oncology care providers, dozens of pharmaceutical manufacturers, and several payer models nationwide.

With a vision to create the first truly patient-centered platform for oncology, Navigating Cancer empowers patients through proactive and intelligent digital health solutions. The platform leverages dynamic data-enabled services to personalize the patient care experience, drive provider efficiencies, and reduce costs.

✕ NavigatingCancer



FOUNDED IN 2008



SUPPORTING 1M+ PATIENTS ON THE PLATFORM



ADOPTED BY 2,700+ CANCER CARE PROVIDERS



\$3.86M SAVINGS GENERATED*



426 AVOIDED ER EVENTS*



6.8% REDUCTION IN UNNECESSARY ER VISITS*

*According to a study published in the Journal of Oncology Practice which analysed 10,471 triage incidents



To support that vision, the organization partnered with Apexon to accelerate the development of new products and technology and strengthen existing offerings. Apexon's AWS and HIPAA experts quickly assimilated into Navigating Cancer's engineering organization, to help build scalable and cloud-native solutions for clinicians and patients across the client's digital health platform. The end result was an improved patient experience achieved by real-time insights, notifications, and customized cancer care at an optimized cost and increased deployment speed.

THE RESULTS

KEY OUTCOMES



IMPROVED PATIENT OUTCOMES

As a result of utilization of Navigating Cancer products and services



CREATION OF A NEXT-GEN DIGITAL COMPANION

Supported the creation of a next-gen digital companion for oncology patients built around a modern mobile-focused patient experience



DIGITIZATION OF PATIENT HOME CARE

Supported the digitization of Patient Home Care instructions and incident management



PERSONALIZED PATIENT ENGAGEMENT SERVICES

Implemented technologies to support the development of personalized patient engagement services, that allow for a more proactive care experience, resulting in improved medication adherence, time on therapy, and outcomes



IMPROVED CARE DELIVERY

Developed customizable patient populations to tailor care to patients and improve the quality and cost of care delivery

OUR METHODOLOGY

THE DIGITAL LIFECYCLE

Apexon works with companies across the digital lifecycle.



GO DIGITAL LAUNCH & EXPERIMENT

Enable digital adoption in a quick, and agile manner

Apexon assigned an Agile POD to develop a future system architecture blueprint and proof-of-concepts, pilots, and MVPs in an accelerated timeframe.

Based on that evaluation, Navigating Cancer worked with Apexon to optimize their AWS-based architecture to provide higher availability, faster deployment, higher flexibility with the shortest path to production.



BE DIGITAL AUTOMATE & ACCELERATE

Build digital infrastructure and foundation for enterprises to scale

The Apexon Agile POD helped Navigating Cancer develop a new HIPAA-compliant Big Data platform on AWS cloud.

Apexon leveraged its in-house AWS and Data Engineering Centers of Excellence (CoEs) to integrate third-party tools like Matillion and Snowflake to future-proof the infrastructure for Navigating Cancer's long-term goals.



EVOLVE DIGITAL BE INTELLIGENT & AUTONOMOUS

Leverage data engineering to make strategic decisions and get digital right every time

Apexon and Navigating Cancer continue to focus on driving innovative digital solutions in patient care and clinical insights.

AGILE POD

A multi-skilled team consisting of digital strategists, cloud, and data architects

THE CHALLENGE

TO LEVERAGE THE LATEST DIGITAL TECHNOLOGIES IN PATIENT ONCOLOGY CARE

Navigating Cancer continuously strives to incorporate the latest technologies into its patient care platform to deliver the best patient experience in oncology care. By helping providers engage patients more effectively, Navigating Cancer's solutions are able to improve treatment adherence, reduce care costs, encourage healthier behavior and produce better patient outcomes.

Navigating Cancer's vision and strategy is dependent on data and the underlying infrastructure to capture, produce, and manage that data for the benefit of patients and care providers.

THE SOLUTION

DEVELOPING A PILOT ARCHITECTURE BLUEPRINT

Apexon started by partnering with Navigating Cancer to define key business KPI's and success criteria.

To achieve this, the Apexon Agile POD developed an architecture blueprint to launch and experiment with pilots and Proofs-of-Concept (POCs) in a rapid timeframe.



The Apexon POD helped Navigating Cancer design a POC for a HIPAA-compliant Big Data platform with AWS. The POC acted as the blueprint for Navigating Cancer as they built out their data warehouse and data lake infrastructure to leverage the benefits of Big Data.



Apexon also worked with Navigating Cancer to assess other data-specific tools like Matillion and Snowflake to ensure the solution design would meet both today's and tomorrow's needs.



Apexon's Enterprise Data Analytics Platform, which is designed for data scientists and analysts to develop machine learning (ML) modules and business intelligence applications, was leveraged to accelerate Navigating Cancer's data platform design.



SERVICES USED



Amazon
S3



AWS
Lambda



Amazon
SQS



Amazon
Pinpoint



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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