



BROCHURE

DIGITAL HEALTH PLATFORM (DHP)

Our digital health offering with speed to market and reduced cost of market validation

virtusa

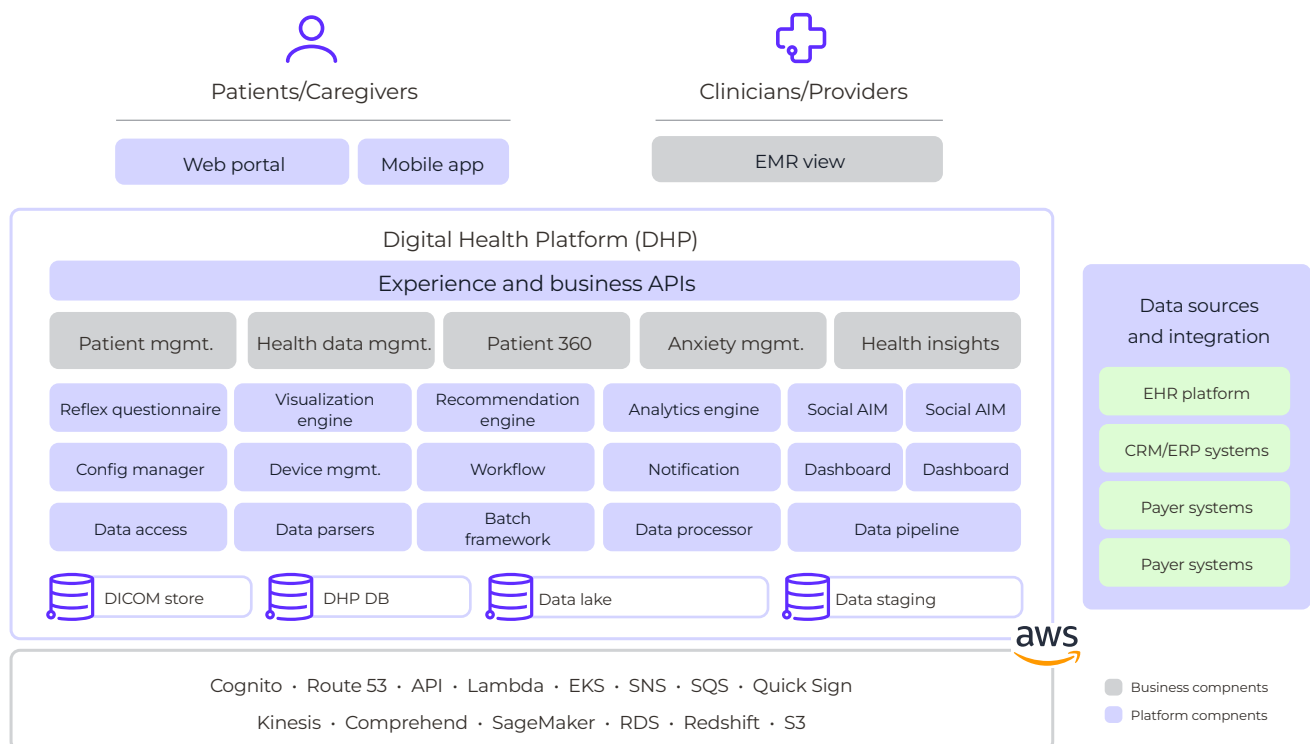
Driving strategic adoption and faster ROI in digital health

The healthcare ecosystem faces significant challenges in scaling digital solutions across geographies, balancing user experience for both patients and professionals, ensuring interoperability, and safeguarding data security and privacy. Navigating complex regulatory frameworks while addressing ethical concerns around consent, ownership, and data usage adds further complexity.

Our digital health platform (DHP) provides an innovation sandbox environment with a suite of infrastructure services and modular frameworks for rapid proof-of-concepts and commercialization of digital health solutions.

Our business consultants ensure strategic engineering for adoption, leveraging insights from 100+ providers, payers, and employer CXOs.

Virtusa has identified 50+ common tools and frameworks, available through our digital health platform in a convenient pay-for-use model.



Key architecture features

- Digital platform to launch any digital RPM products
- Multi-tenant architecture
- Plug & Play component architecture
- HL7/FHIR compliant integration and APIs
- Compatible with AWS and Azure

Solution features



IAM
(Identity & Access
Management)



Data acquisition
and action (Alerts/
notifications)
outreach



Conversational AI,
image analytics,
and predictive
models
(AI/ML)



Medical education
(Content
management for
patients/providers)



Data governance
(Golden Record)



Security and
compliance



Clinical and claims
(HL7/FHIR)

interoperability and
data exposure (API)



Payment and
reimbursement
integration



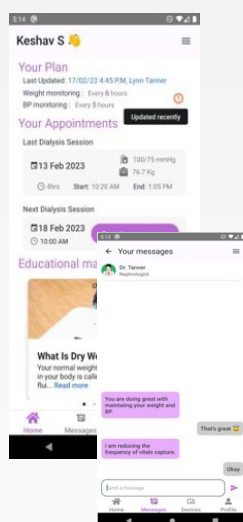
Unified connectivity,
IoT and
engagement
engine via mobile
apps



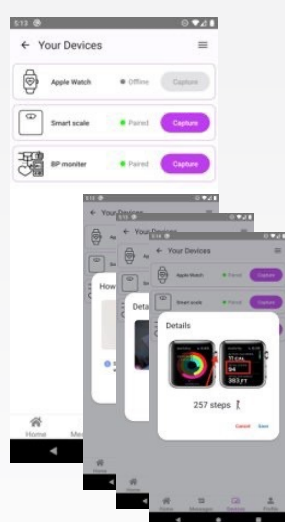
Channel and lead
(Management)
integration

Readily available interfaces on DHP for device interoperability to help realize value

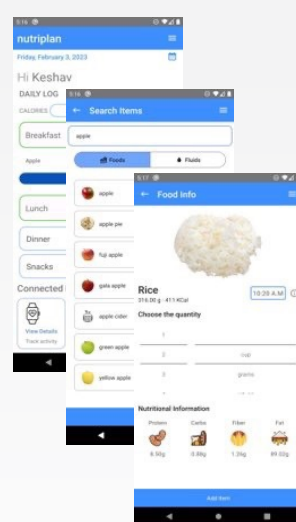
Patient apps



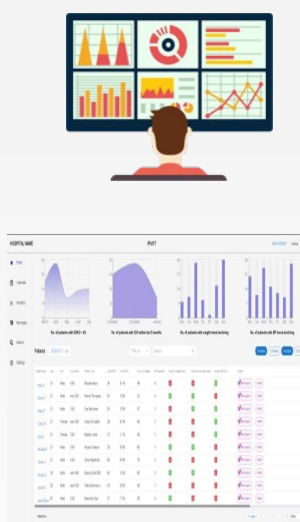
Devices connect



Food diary



Clinical portal

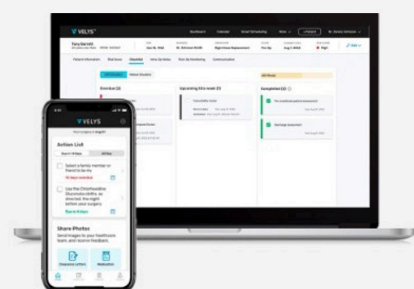


Our digital health experience

A top MedTech giant leverages DHP for enhancing clinician insights and predicting patient outcomes

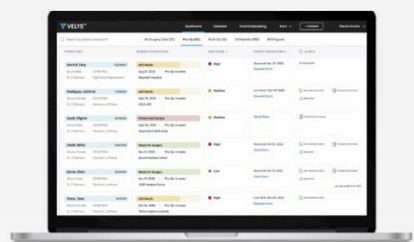
Virtusa partnered with the client to develop the new “digital surgery platform” for orthopaedics surgery and recovery, to engage and communicate with patients meaningfully, before and after surgery to improve patient outcomes.

Core elements



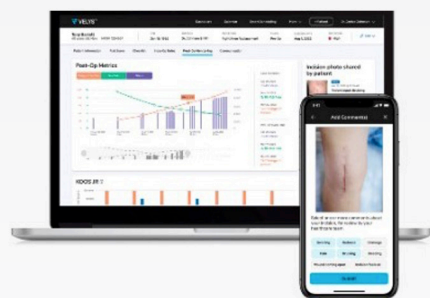
Personalized patient support

Integrates communication, guidance, and support between patients and care teams before and after surgery, including action plans, reminders, education, progress monitoring, and direct feedback.



Workflow efficiency solutions

Coordinates information from multiple sources to address case management, resources, and workflow efficiencies without double entry of case information.



Integrated recovery tools

Allows the collection and analysis of patient-generated data. The use of digital health applications has been shown to help improve patient-reported outcome measures (PROMs) and return to activity.

Outcomes delivered



Patient

- Pre and post operative care plan
- Patient education



Provider

- Patient identification
- Surgery planning
- ML based risk prediction
- EHR integration

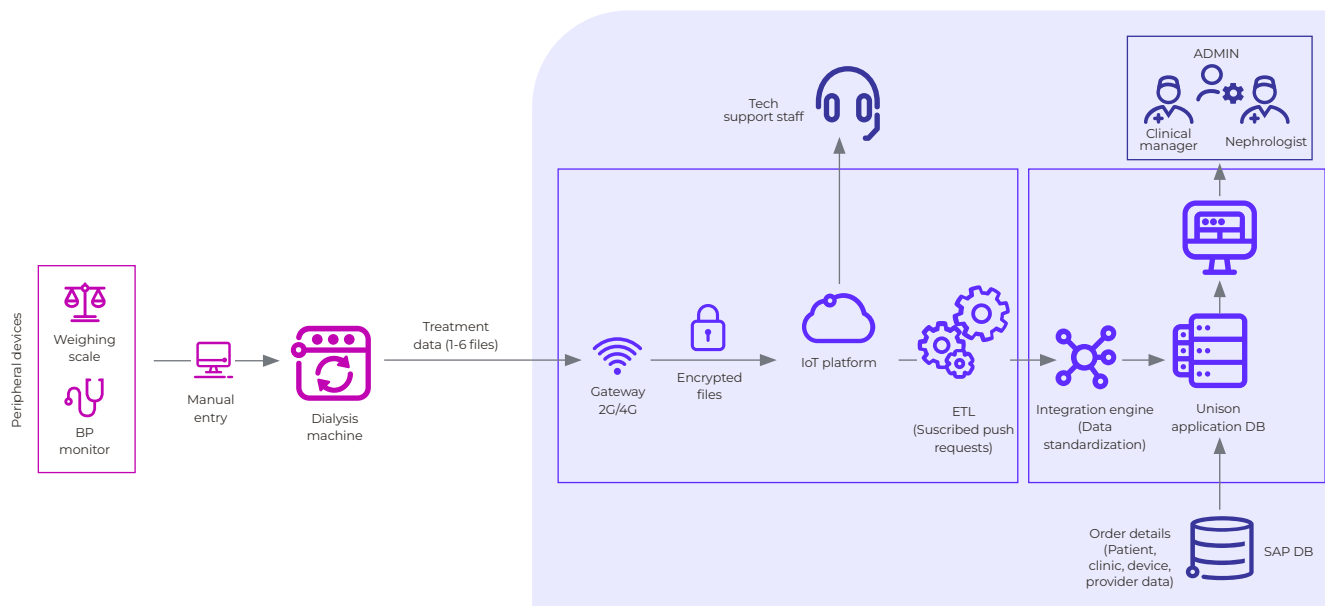


12+ hospitals

- Deployed our platform

Connected health platform: Revolutionizing real-time coordinated healthcare

Virtusa's dedication and proven track record in delivering innovative solutions, has culminated in the development of the connected health platform (CHP). This platform effectively integrates clinicians and nephrologists, eradicating information barriers and facilitating real-time, comprehensive healthcare delivery for patients undergoing home dialysis.



- **Connectivity** - augmenting dialysis machines to communicate treatment and machine data.
- **Remote monitoring** - enabling clinician to view patient's treatment data and identify anomalies.
- **Remote updates** - enabling clinician to edit and push the treatment parameters for a patient.
- **Compliance and security** - comply to patient data handling regulations and ensure security.

Outcomes delivered

2.15M+

Treatments processed at real-time

38K+

Patients provided with personalized care

3500+

Clinics onboarded to the platform

20%

Lower risk of hospitalization

15%

Reduction in patient dropout



To learn more, contact
marketing@virtusa.com.

About Virtusa

Virtusa Corporation is a global provider of digital engineering and technology services and solutions for Forbes Global 2000 companies in the financial services, healthcare, communications, media, entertainment, travel, manufacturing, and technology industries worldwide. At Virtusa, digital engineering is at the heart of everything we do. We are 27,000 builders, makers, and doers that partner with customers to reimagine enterprises and creatively build solutions to the most pressing business challenges that move them to the forefront of their industries.

Virtusa's unique Engineering First approach means never presenting an idea we can't execute. With deep industry expertise and empowered agile teams made up of world-class talent, we think about execution early in the process, because the earlier you think about execution the earlier an idea can have an impact. Solving from the inside out enables businesses to respond swiftly to changing needs with improved quality, lower costs, and lasting results.

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