virtusa

Modernize your care, improve patient outcomes

Unlock the potential of AI/ML-powered solutions

Explore vLife®

Virtusa's healthcare and life sciences marketplace

Innovation that focuses on outcomes with a high degree of personalization is driving the future of life sciences and healthcare. The progression is fueled by unlocking the power of pre-trained machine learning (ML) algorithms to implement AI at scale.

vLife®

vLife® is Virtusa's own healthcare and life sciences marketplace for anyone who deals with data and data science. Through the self-service portal, payers, providers, biopharmas, and medical device companies can access industry-based solutions built on journey maps. The solutions include pre-trained machine learning (ML) models, jump-start snippets of code, tools, and accelerators specific to the healthcare and life sciences industries.

Based on the belief that it's imperative to use technological advancements to fuel our research towards value-based solutions, vLife® provides a holistic approach, covering each service line and domain-driven platform.

With close to 1,000 AI artifacts, you can build your own ML models to leverage data based on your organizational priorities and project budget.

Key services

We developed each solution on vLife® with a customer-centric, research-driven approach and separated the offerings into specific service lines. Solutions for life sciences companies are categorized in MedTech and biopharma and healthcare companies are categorized in payer and provider.

Our service line-specific offerings include:

Biopharma
- Clinical trials
- Commercial analytics
- Patient engagement
- Bioinformatics-as-a-Service (BaaS)

MedTech
- Commercial solutions
- Connected solutions
- Patient engagement
- Provider and Payer engagement

Payer services
- Member journey
- Claims processing
- Care management
- Provider journey

Provider services
- Population Health Management (PHM)
- Patient engagement
- Ancillaries
- Virtual care
- Advanced analytics

Introducing vNet available on vLife®

Data. Artificial intelligence (AI). Business.

vNet is an enterprise-AI application for building faster, smarter, and better ML models to accelerate digital transformation. Products include:

Data

Synthetic Data Generator
The platform uses different algorithms to create the synthetic image, tabular, and video data. Mirroring the statistical properties of the original data allows the development of high-fidelity synthetic data.

Artificial intelligence (AI)

Computer Vision
A no-code/low-code image analytics platform that helps optimize performance to increase efficiency and decrease operational costs.

Faster AI
An intuitive, codeless AI platform used to build, train, deploy, and optimize ML models. The solution leverages applications developed with Stanford University to create noise-free and unbiased datasets.

Business

Platform AI
A business model designer that pieces together pre-trained AI models from the vLife® marketplace. It enables business analysts to put together end-to-end solutions.

Innovation as a Service (IaaS)
An AI platform that intuitively selects third party applications and software across MLOps.

Key benefits

By choosing the subscription that's right for you and onboarding your organization onto vLife®, your team members will gain access to vNet. Users will be able to:

Generate and use high-fidelity tabular, image, or video data train ML algorithms to jump-start your business or initiatives via vNet suite of products within vLife®.

Use Computer Vision and other low-code/no-code products to boost industry solutions and optimize performance, cost, and efficiency.

Work with the Platform AI business model designer to piece together pre-trained AI models from the vLife® marketplace and enable business analysts to put together end-to-end solutions.

Employ Innovation as a Service (IaaS) to intuitively select third party applications and software across MLOps, transfer learning, and federated learning.

Leverage Faster AI, our codeless AI platform, to build, train, deploy, and optimize ML models to create noise-free and unbiased datasets.

Collaborations driving transformation

UTHealth
The University of Texas
Health Science Center at Houston

CardinalHealth

aws

Stanford
ARTIFICIAL
INTELLIGENCE

INDIANA
BIOSCIENCES
RESEARCH
INSTITUTE

Accelerate innovation

Using the vNet product suite on vLife® marketplace

Solving real-world data problems to drive innovation. Together with academic affiliations, research linkages, and partners, Virtusa is focused on developing and advancing AI technology utilization that improves patients' outcomes while making the entire health system more efficient and collaborative.

Data pipeline and cleansing built into the offerings. Data scientists frequently spend up to 80% of their time preparing data for analysis. vLife® provides the tools to create a rich data experience. Using the products you need on vNet, you can move more rapidly to exploration and analysis.

Supports operationalizing AI. vLife®, combined with skilled Virtusa engineering resources, can assist clients in preparing AI software for production, managing its lifecycle, and integrating it into business operations.

Want to learn how your organization can achieve better business outcomes with vLife®?
Contact us at **marketing@virtusa.com.**

For more information on vLife® marketplace and vNet products, visit **http://www.virtusa.com/vLife**