Modernize your care, improve patient outcomes

Unlock the potential of AI/ML-powered solutions

Explore vLife

A self-service marketplace for healthcare and life sciences solutions

Virtusa and AWS Professional Services (ProServe) are helping clients to accelerate and advance data analytics across drug discovery, clinical development and value-based care delivery models to produce superior outcomes.

Combining the broad range of consulting services and Virtusa solutions with focused support from AWS ProServe provides clients with the breadth of skills and resources needed to transform the industry.

vLife

Virtusa and AWS make innovation practical, affordable and implementable vLife® is the leading 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 using pre-trained machine learning (ML) models, jump-start snippets of code, tools, and accelerators.

aws PARTNER
Premier Tier Services

Digital Workplace Services Competency

Key services

vLife® includes a comprehensive set of solutions aligned to specific needs and functions.

Biopharma
- Clinical trials
- Commercial analysis
- Patient engagement
- Bioinformatics-as-a-Service

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.

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

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.

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

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

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.

SUCCESS STORY

Virtusa and AWS help accelerate medical research with AI/ML

Virtusa collaborated with one of the largest providers of health services in the US and Amazon Web Services (AWS) to advance medical research using the latest artificial intelligence (AI) and machine learning (ML) technologies. This research focused on finding the best treatment and management strategies for sub-arachnoid hemorrhage (SAH) based on healthcare data and computer simulations.

Virtusa and our client simulated a comprehensive dataset comprising electronic health records (EHR) representing more than 30,000 patients. The team leveraged vLife®, Virtusa's cloud-based platform, with an extensive HIPAA-compliant data lake with multiple data sources, pre-built APIs, AI, and ML models. It is used to uncover hidden trends that led to new treatment strategies and cures for various illnesses.

Virtusa and AWS

Ten Years of Innovation

Virtusa has been a key AWS partner for more than ten years and has developed deep relationships and expertise. In 2021, Virtusa extended its Strategic Collaboration Agreement (SCA) with AWS to empower global organizations to unlock more value, efficiency, and profitability via cloud-based services. Virtusa was also named the 2021 AWS Industry Solution NSI Partner of the Year-U.S.

- AWS Premier Services partner since 2017
- 8 Competencies | 6 Partner Programs | 4 Service Validations
- 100+ AWS Customer Launches
- 2,100+ AWS Certifications
- AWS ProServe Strategic Partner
- Database Freedom Program Partner
- AWS ISV 'Workload Migration Program' partner for Pega

For more information please contact:
awsinfo@virtusa.com

virtusa | aws

www.virtusa.com