

VMware Tanzu Labs Data Transformation Services

Modernize your data to maximize the benefits of app and cloud transformation.

“HCSC is destroying data monoliths and getting cloud native with our data layer! If you’re only transforming your app layer you might be cloud naïve and not cloud native.”

MARK ARDITO
DIVISIONAL VICE PRESIDENT OF DIGITAL DELIVERY, HCSC

Transforming heritage data systems and architectures can be messy, time consuming, and require significant business resources. VMware Tanzu Labs Data Transformation consulting services help organizations like yours capture and use data optimally to gain the benefit of modern data systems. Whether you’re modernizing your infrastructure by moving to the cloud, migrating off of heritage systems, or rearchitecting your data for use with modern application development, VMware has the expertise to guide you through your data transformation.

FIND OUT MORE

Learn how our customers like Mastercard and Health Care Services Corporation are transforming data at <https://tanzu.vmware.com/content/data-transformation>.

IMPROVE YOUR DATA USAGE

Tanzu Labs Data Transformation consulting services help you improve your data usage in two fundamental ways:

- We unlock data for application access and agility.
- We modernize how you process data.

Learn more at tanzu.vmware.com/data-transformation.

Support modern application development

To unlock the full benefits of your application modernization, you need a flexible data architecture and modern data systems for deployment on containers, VMs, and cloud environments. We work with you to meet the challenges faced by your developers, data architects, and platform engineers in building and modernizing applications. Tanzu Labs Data Transformation services help you achieve data infrastructure and architecture that is compatible with modern application development, is easy to manage, and provides high performance, consistency, security, and high availability. Tanzu Labs provides strategic guidance designing data domains and modernizing data platforms to help your developers achieve their desired velocity and your organization to meet its business goals. Together, here’s what we’ll partner with you to do:

- Build streamlined data pipelines.
- Engineer efficient platforms for data delivery.
- Phase out massive data structures to improve data efficiency and accessibility.
- Modernize analytics platforms and optimize data for use in analytics and data science.
- Operationalize data science, machine learning (ML), and artificial intelligence (AI) models.

We’ll work with you to develop a path to modernize old, expensive data platforms into faster, scalable, open source, and cloud-ready options with increased capability. We’ll review your platform options for managed data system delivery and help you determine the optimal one. By phasing out massive data structures, you’ll save money and improve the efficiency and accessibility of your information.

MASTERCARD AND VMWARE TANZU LABS

Learn how Mastercard engaged with Tanzu Labs Data Transformation services to manage a billion transactions per day: <https://tanzu.vmware.com/content/mastercard>.

DATA TRANSFORMATION OUTCOMES

- Derive logical, manageable data domains with domain-driven design and development.
- Design patterns to provide intelligent management of data reads, writes, and updates.
- Key scalability and timely data access through event-driven data.
- CI/CD data pipelines: Data services should be managed like API Services.
- Reduced dependency on corporate data systems from breaking apart large data structures.

Our experts provide strategic guidance and expertise to enable seamless data integration with modern applications by introducing ideal concepts and design patterns, all while working with your architectures, policies, and procedures to avoid blockers down the road.

Implement modern data architectures

We provide integrated consulting engagements with our app modernization consulting services to implement fast and efficient access to data in conjunction with replatforming or refactoring existing applications.

During a Tanzu Labs Data Transformation engagement, we utilize lean domain-driven design (DDD) and our Swift Methodology. This unique approach results in logical, manageable data domains that align with your application domains for clean APIs and optimal data events, storage, and access. Using agile and DDD principles, we enable teams to plan enough to get started and organize around a backlog of work while making intentional decisions around functional and nonfunctional data requirements.

Our data architects partner with you in several ways:

- Helping choose the right data service for the “job to be done”
- Discovering functional and nonfunctional data requirements
- Developing data microservices
- Optimizing integration with corporate data systems

Contact your VMware sales representative or reach us at tanzu.vmware.com/data-transformation to get started.