truData

Application Modernization

Cloud Native Applications and Microservices enable cost savings, on demand scalability and the support of high availability systems.
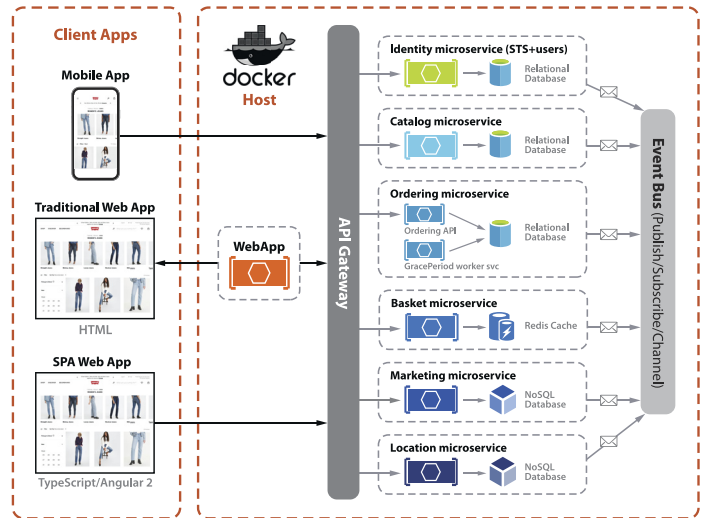
Problem/Challenge

Traditional application development consisted of developing one large core containing all the domain logic, communicating within a single server process sharing one database.

What questions are we answering?

- *How do I create an application that we are able to independently test, deploy and release without out the fear of breaking everything?*
- *What architectural patterns are suitable for each application?*
- *What cloud services can I use to improve time to market?*

Our Approach

- **truData** will work with your business to gather a holistic view of your organization and align with the capabilities provided by Cloud Native.
- We will develop an architecture for each of your microservices and applications.
- **truData** will get your Minimum Viable Product to market faster with our Agile and DevOps approach.

Tools Involved

Azure/AWS, Kubernetes, SQL, NoSQL, Event Bus, SPA, Mobile Apps

Microsoft Azure   aws   docker   kubernetes   Azure Kubernetes Service (AKS)

Client Apps — Mobile App — Traditional Web App (HTML) — SPA Web App (TypeScript/Angular 2) — docker Host — WebApp — API Gateway — Identity microservice (STS+users) — Relational Database — Catalog microservice — Relational Database — Ordering microservice (Ordering API, GracePeriod worker svc) — Relational Database — Basket microservice — Redis Cache — Marketing microservice — NoSQL Database — Location microservice — NoSQL Database — Event Bus (Publish/Subscribe/Channel)

Business Benefit

- **Cost Savings**
- **On demand scalability**
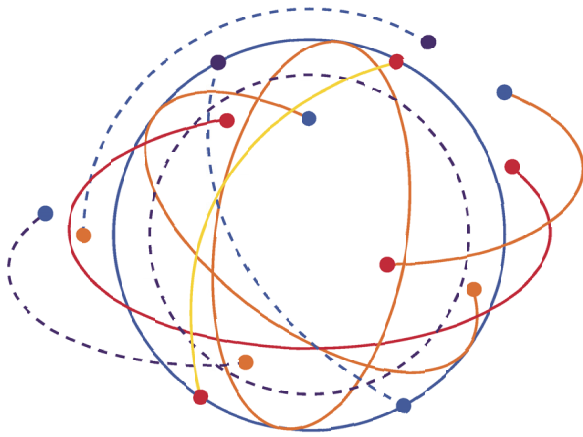- **Able to support High Availability Systems**

truData Overview

truData is an industry-leading cloud professional services company, focused on application modernization, innovations and integrations. We have established several key strategic channel partnerships with MS Azure, AWS, Google Cloud Platform, Snowflake and SAP.

truData's partners with clients in the delivery of strategy and roadmap, project implementation, application managed services and staff augmentation capabilities.

10+ Years of Cloud Experience

20+ Years of Analytics and Data Warehousing Experience

150+ Data Scientists and Engineers

Our MultiShore model offers several options, including **truData's** nearshore and offshore capabilities that provide 0800hrs–1700hrs coverage at an improved price point without sacrificing quality of delivery. This is realized through **truData's** North and Central America, Asia and Europe operations.

Strategic Partnerships

truData's strategic partnerships complement our cloud modernization services and allow us to deliver multi-faceted programs to solve your most critical business needs.

Microsoft Azure   databricks   Google Cloud   aws   snowflake   SAP

Our Capabilities

- Cloud Data Warehousing
- Data Management and Governance
- Cloud Integration (iPaaS)
- Application Modernization
- Cloud Migration
- Machine Learning and Artificial Intelligence