

Process legacy and modern data on a unified platform with vUDPA

Using advanced analytic techniques against large, diverse data sets is the next big thing in the business world. The fast-paced digital world demands companies to be agile and nimble to transform at the speed of change. However, companies often struggle to gain insight from the data as they rely on disparate systems to process batch and stream data separately, leading to huge capital expenditures. Furthermore, the current analytics built by data scientists are targeting batch mode of execution and are extending these systems to process streaming data. Hence, there is a need to have a unified architecture that supports new-age data consumption patterns by running the same analytics on streaming data.

Virtusa's Unified Data Processing Architecture (vUDPA) for streaming and batch data processing underpins robust platforms and services that utilize best-of-breed big data technologies across the data continuum. Our team of data scientists and next-generation architects helps clients make sense of the vast tracts of data within the organization by devising new monetization strategies and creating new sources of value.

Why are clients choosing Virtusa to work with them on this initiative?

vUDPA provides the following benefits:

Gain a single processing platform for both legacy data sources (batch) and modern data sources (streaming)

Reduce CAPEX on hardware and software licensing; avoid building two separate data processing platforms

Reduce time-to-market for insights derived from both batch and streaming data

Reduce OPEX for software maintenance with a single set of technologies for data processing

Capabilities

vUDPA enables enterprises to:

Gain a single software and hardware data processing platform that

- Reduces the time to envision, build, and operate allows one platform to process legacy (batch) and modern (streaming) data sources

Use a single set of tried-and-tested cloud services that

- Makes designing, building, and operating easy
- Ensures predictable maintenance and support expenditure

Build on a proven architecture with Virtusa

- Leverage Virtusa's strong partnership with AWS, one of the most advanced cloud services and optimal architectures for meeting your business needs
- Benefit from deep subject matter expertise in crucial industry domains such as healthcare, banking, and finance
- Migrate from on-premises systems to the cloud with an experienced partner

Success stories

For a large U.S. healthcare data analytics company, Virtusa implemented a claims data analytics platform from scratch, reducing time to insight from one month to less than a week

Virtusa helped a leading U.S. healthcare analytics provider architect, design, and build a platform to reduce development to production time from over one year to four months

Virtusa helped a leading U.S. healthcare analytics provider build an analytics platform for combining claims and clinical data to derive intelligent insights and trend analysis for a hospital association

For more information, please contact us at marketing@virtusa.com