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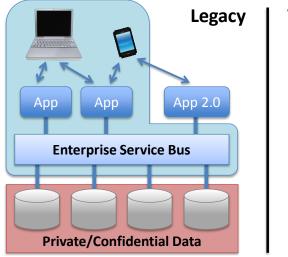
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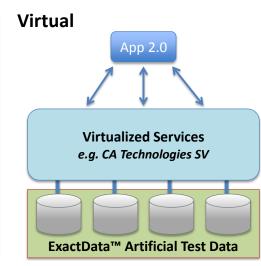
Solution Brief

Virtualized Services

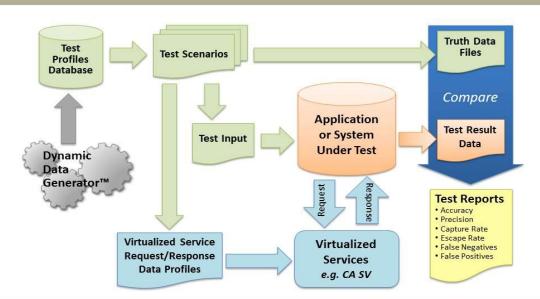
Virtualized Services Model

- Collaborative non-private/confidential environment
- Virtualized Services comprehends ESB, applications, and clients
- Develop and test application before production deployment
- Could use cloud platform to build, execute, and analyze load tests (e.g. CA Technologies CloudTest)
- Cloud platform mirrors functional components of the legacy private/confidential system
- No production data exists for a new system under development, so ETL processes will not be able to provide suitable test data





Testing with Virtualized Services



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Virtualized Services

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Solution Brief

Core Competencies

ExactData™ generates test data with absolutely no confidentiality or privacy risks. Our patented Dynamic Data Generator™ technology doesn't require any access to production data or live records. This makes it ideal for testing current applications and processes, as well as future systems development and testing.

We manufacture customized data using a sophisticated rules engine designed for the specifics of your system's requirements for realism, complexity, and scale. Our fully engineered data includes the unique features of longitudinal consistency, internal consistency, consistency across disparate data sets, and perfectly known ground truth. This enables comprehensive system performance measurement, scoring, and algorithm testing.

ExactData reduces your cost and time to develop, test, deploy, and maintain complex data processing systems. Precision built test data sets from ExactData are an ideal replacement for problematic Extract/Transform data in existing test management applications.

Company Data

ExactData is a Unisys and Lockheed Martin Mentor Protégé Company. We are SBA and NWBOC certified as a WOSB that has generated profitable revenue growth since forming in 2003. Our core engineering team averages over 15 years of experience, with most holding advanced computing science degrees. Our Digital Data Generator™ technology is covered by U.S. Patent No. 8,862,557.

Differentiators

Our patented Dynamic Data Generator technology creates totally artificial test data with qualities inherently not possible with either Manual or Extract/Transform processes.

- The only test data solution on the market that does not require access to an existing data source.
- Completely eliminates all Confidentiality/Privacy risks and the management costs associated with securing test data. Fully artificial data cannot be re-identified.
- Enables accelerated development and testing of new systems through the generation of realistic Future State data.
- Data attributes of realism, complexity, scale, internal consistency, consistency across disparate data sets, chronological consistency, and perfectly known ground truth.
 - Enables comprehensive system performance measurement and benchmarking.
 - Predictive analytics and detection algorithms can be thoroughly exercised and then enhanced to reduce error rates.
- Enables rigorous testing with appropriate volumes of records - millions instead of thousands.
- Manufactured artificial data records don't lose their interconnectedness and compromise test quality like data records built from de-identified or masked production data.

Contact

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