ExactData

Next Generation Systems Testing

Capability Statement

CAGE	4KDP8
DUNS	785830840
NAICS	511210, 518210, 541511, 541519
SBA/NWBOC	Certified WOSB

Healthcare

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.

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.
- We can generate unstructured data to create realistic physician SOAP notes based on underlying state of the patient, reason for visiting the provider, etc. Our rules-based grammar allows for a high degree of relevance and variation.
- 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.

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Past Performance

Our clients are primarily US Federal Agencies in the Healthcare, Financial Services, Population Statistics, and Intelligence application spaces. We generated data on demand and customized for the specific systems under test. Privacy risks and costs associated with the data were eliminated. Application development schedules were always met or exceeded with significantly lower costs than with traditional test data creation methods.

Clients and integrators involved in these projects include:

- Defense Healthcare Management Systems, Defense Military Information Exchange (DOD/DHA/DHMS/DMIX) and the U.S. Army Telemedicine and Advanced Technology Research Center (DOD/Army/TATRC)
- Major Federal Systems Integrators including CA Technologies, Leidos, Lockheed Martin, Northrop Grumman, and Unisys.
- Oracle HC, IBM, AT&T Healthcare, and NY eHealth Collaborative

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.

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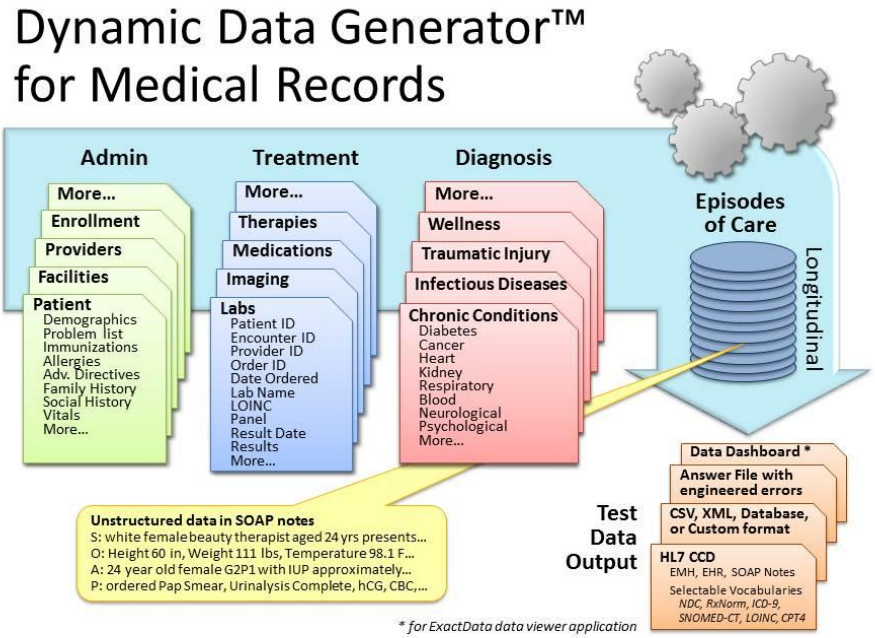

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