MOTOR

LEGITEST CASE STUDY

THE CHALLENGE

MOTOR Information Systems provides automotive data trusted by service providers, parts suppliers and application developers to maximize vehicle uptime and optimize mobility costs. MOTOR accumulates and maintains terabytes of automotive vehicle data collected from disparate sources. This data is standardized, organized and made ready for consumption through an elaborate ELT/ETL process that lands transformed data in a data warehouse. MOTOR began utilizing LegiTest when it became increasingly difficult to verify the quality of data delivered. Because the data at source and destination is different in nature, MOTOR needed an efficient way to compare subsequent loads of massive amounts of source data.

THE SOLUTION

MOTOR worked closely with the Development Team at Pragmatic Works and addressed the challenge by applying data-driven testing. LegiTest enabled automated, repeatable testing of data load row/element counts versus prescribed upper and lower tolerances defined by historically accepted variances. These tests allowed MOTOR to automate the quality control process of the data load and eliminate the manual verification process.

WHY LEGITEST?
Improved Data Quality

LegiTest is a useful tool proven to be successful in assuring the quality of MOTOR's data. LegiTest provided an easy-to-use interface that allowed customization to address MOTOR's specific concerns.

THE BENEFITS
2 X PRODUCTIVITY

LegiTest allowed MOTOR to reduce time to market from eight weeks to four weeks. The automation of the quality control process eliminated manual testing which was tedious, error-prone and time-consuming. The LegiTest server is efficient and user-friendly, allowing all tests to be run from one location. MOTOR received timely notifications of passed or failed results and a visual representation of quality measurements, including history. Ultimately, the data-driven tests increased awareness among MOTOR's stakeholders and team members of test results.

> **With the help of LegiTest data-driven tests, MOTOR automated and shortened the development and QA period and confirmed our confidence in the quality of the data we produce. After establishing the test framework and methodology, MOTOR was quickly able to transition the creation of the tests to other developers.**
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> *Svetlana Latinsky*
> *Senior Data Architect*

Pragmatic Works

Improved Data Quality

LegiTest