STREAMLINING THE DATA EXPERIENCE

HEALTHCARE ANALYTICS SPECIALIST ACCELERATES DATA MANAGEMENT PROCESSES

About the Customer

STATCOR is a consultancy that specializes in data management, biostatistics, and SAS language program development. It strives to reduce the time, cost, and risk of bringing new pharmaceutical products to market. STATCOR's clients and partners include pharmaceutical, biotechnology, and medical device manufacturers, and contact research organizations (CROs).

The firm provides a variety of services, including study design, protocol development, sample size calculation, statistical analysis planning, subject randomization, table and graph design, and report

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> During our pilot project, we understood quickly that we would not have to retrain our development team or rewrite substantial amounts of our existing code. Using Altair SLC has allowed us to keep our costs down, increased our competitiveness, and helped us develop new business opportunities.
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> Fusheng Su, Founder
> STATCOR

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writing for study reports. It also provides statistical analysis and programming support to data query and creation of analysis datasets, perform pharmacokinetic and pharmacodynamic data analysis and modeling, and more.

Their Challenge

STATCOR's clients typically supply large amounts of semi-structured clinical data that the STATCOR analytics team must convert and transform into clean, consistent datasets stored in machine-readable formats. Its healthcare clients' budgets required the firm to develop new methods for building cleansed datasets at lower costs.

STATCOR's analytics team has extensive experience coding data transformation programs in SAS language and had developed an extensive library of modules they can employ as needed. The team did not want to redevelop their code in an open-source language like R or Python but had to find a way to reduce costs substantially.

Our Solution

In its search for a way forward, STATCOR discovered Altair's SAS language processing tools. The firm's analytics team worked with Altair's professional services group to develop and run a proof of concept that lasted fewer than 30 days. Setting up Altair software on their own infrastructure let the STATCOR team test the firm's existing SAS language modules and showed that code rework requirements would be minimal. The team was also impressed with the software's ability to handle high levels of throughput.

STATCOR implemented Altair SLC™ on their Linux infrastructure. Altair SLC lets the firm's developers run programs and macros written in SAS language syntax without translation and without needing to license third-party products. The software includes procedure support for statistics, time series analytics, operational research, machine learning, matrix manipulation, graphing, and output delivery.

Results

The change has reduced STATCOR's capital costs and operating expenses substantially and helped them compete more effectively for new business. Its programming team continues to build and maintain a large library of code modules and macros using the SAS language, with no retraining needed for team members. STATCOR's developers now run programs written in SAS language with no translation and without needing to license third-party products, all while reducing costs substantially.

To learn more, please visit altair.com/data-analytics.