



"You steered us in the right direction!!!! The EFT process went from 6-7+ hours [down] to 10 minutes in PRODUCTION. WOW!"

Nancy Menke, Senior Business Analyst

Challenge

Atlas World Group companies employ more than 700 people throughout North America. More than 500 Atlas agents in the USA and Canada specialize in corporate employee relocation and in the transportation of high-value items such as electronics, fine art and new fixtures and furniture. Trucking companies process a large volume of daily transactional data. System performance is critical to keeping up with timely demand for dispatching, billing, locational information, fuel consumption, routing and a host of driver communications. Atlas was facing critical performance issues effecting its dispatch volume and ability to bill and track on time.

Solution

ISI performed an In-Depth SQL Server Performance Tuning Analysis on a pair of clustered IBM 4-way servers (hyper-threaded to 8-way) using 32 GB of RAM. We provided on-hand index tuning and programming analysis, and helped to implement changes to boost performance. SQL Rx identified the source of overwhelming Primary Key Violations that were hindering performance, and also identified and tested Clustered Index candidates and Fill Factor revisions for key tables.

Outcome

ISI's recommended changes resulted in a decrease in Settlement time by 75%.

