Somerset® Use Case

- At a major airline, we were able to purge and archive thirteen tables which removed over a terabyte of space from their production database in 58 hours, but with minimal downtime and only negligible performance degradation
- On some of the largest tables, 70% of the rows were archived and purged
- A full validation was executed before the switching to the new tables, minimizing risk because a single go/no-go was possible
- Due to the table reorganization with this method, all of the main queries experienced dramatic performance improvements (one of the most important queries took an average of 0.68 seconds before the data retirement and was on average 0.02 seconds afterwards)
- A key output of the process is an archived table for each of the target tables, which can be easily exported and dropped from the production system
- Based on the ability to perform multi-block operations – instead of single block deletes, the load on the system were dramatically reduced during the data retirement operations (in our research, thousands of times less load on the system during data retirement)