

## Extreme Integrated Business Intelligence



REVENUE COMMISSIONERS processes millions of Ireland's tax records in seconds while using easy scripting

The Revenue Commissioners (Revenue) are responsible for the collection of taxes and duties as well as implementing import and export controls in the Republic of Ireland. Revenue embarked on a major overhaul of its computerized systems. Assistant Principal John Barron of Revenue's ICT Strategy, Architecture and Infrastructure Branch explains, "Our mainframe systems were aging. These systems, built over decades, had separate legacy systems for different taxes. We wanted to build this 'whole case view' from a business and tax administration perspective, and we also wished to modernize our systems; make them easier to use, achieve better performance and make them easier to adapt going forward." Revenue developed their new integrated taxation system around enterprise scale UNIX systems and relational databases. John continues, "On the mainframe, we had excellent tools for sorting and file manipulation. When we migrated to UNIX, we needed to find similar software. We chose SyncSort as the best

**"Whether it's processing large or small files, we are impressed with SyncSort's performance. It is fast as well as reliable, and makes it easy to write scripts."**

— John Barron, Assistant Principal -ICT Strategy, Architecture and Infrastructure Branch

software to meet our sorting and file manipulation needs." "SyncSort forms an integral part of our nightly batch for our main tax collection processes," John adds. "It performs all of the sorting and some file manipulation tasks (often with files in excess of three or four gigabytes in size). It also enables us to do additional heavy-duty database maintenance. We have to keep taxation records for a long time; some of our database tables could have over 200 million rows. SyncSort allows us to readily archive this data." The data Revenue receives daily consists of payments and tax returns (batched for nightly updates), as well as updates to an individual's or a company's tax record (updated live). Both live and archival type data is loaded into the data warehouse for further analysis.



### INDUSTRY

- Public Sector

### CHALLENGE

- Database maintenance
- Ability to archive data from live to history tables
- Speed processing time of live and nightly batched data updates

### SOLUTION

- SyncSort for UNIX performs all the sort tasks
- Heavy-duty database maintenance

### BUSINESS VALUE

- Provided better-than-expected performance results - processed 2.6 million records in just 100 seconds
- Offered the sorting and file manipulation functionality needed on the UNIX platform
- Delivered an easy to use solution

## About Syncsort

Syncsort is a global software company that helps the world's most successful organizations rethink the economics of data. Syncsort provides extreme data performance and rapid time to value through easy to use data integration and data protection solutions. With over 12,000 deployments, Syncsort has transformed decision making and delivered more profitable results to thousands of customers worldwide.