

**INDUSTRY**

Financial Services

**PROJECT**

Reconciliation of current views of published history

**CLIENT PROFILE**

The worlds foremost provider of independent credit ratings, indices, risk evaluations, investment research, data and valuations.

**CHALLENGE**

Index calculations performed and published on a daily basis utilize many underlying data values which vary with time. Prior to conversion to a new consolidation database, the client needed to determine if all recalculations of historical facts from the current database matched the facts as published over time. Manual checking had discovered some inconsistency but the manual process was both insufficient and costly. The volume of data to be reconciled represented 200,000 daily indicies with 85,000 securities over a period of 25+ years.

**SOLUTION**

Profile the data looking for changed over twenty five years of changing systems, sources, and formulas to identify an automated reconciliation process and a concise set of reports to expose suspected discrepancies. Identification of specific data points to support both discrepancy identification and correction. Introduction of a recurring reconciliation process into daily operations to support ongoing data quality monitoring.

The client was received:

- The means to execute a zero tolerance data quality program
- A full set of reports covering 25 years of operations
- The ability to execute production and ad hoc data quality inquiries
- Full documentation of all deliverables and instructions for extension from US to Global implementation
- Completion of a project on time and on budget in six weeks

**RESULT**

The solution delivered by NEOS has been adapted to cover global operations and executed internally prior to consolidation of all legacy databases onto a single global platform.

