



Centraal Bureau voor de Statistiek

Statistics Netherlands (CBS)
The Hague/Heerlen, The
Netherlands
www.cbs.nl

Industry:

Public Sector

Employees:

2,500

Oracle Products & Services:

Oracle Policy Modeling
Oracle Policy Automation

“With Oracle’s policy automation solutions, we can produce accurate and reliable statistics more rapidly and transparently using a larger quantity of data. The end result is a better snapshot of our society.” – Pierre Reynders, Statistical Analyst, Statistics The Netherlands

Statistics Netherlands Improves Statistical Accuracy and Accelerates Report Development

Statistics Netherlands (CBS) collects and processes Dutch population demographic, sociographic, and economic data, such as income, household composition, health statistics from hospitals, and more, which are published for practical, policy making, and scientific uses. CBS produces official national statistics used in The Netherlands, as well as for European Community reporting.

Challenges

- Ensure efficient management of enormous quantities of economic, sociographic, and demographic data that the bureau receives from individuals, households, and businesses in The Netherlands
- Enable CBS to rapidly process large volumes of data from various sources, including random sampling
- Provide efficient, flexible, and easy-to-maintain processing procedures necessary to produce up-to-date public reports based on this data

Solution

- Deployed Oracle Policy Modeling and Oracle Policy Automation to enable statisticians to make direct changes to data processing procedures, improving agility and eliminating reliance on the IT team for this function
- Established transparent and easy-to-maintain processing, facilitating reliable, high-quality statistics, and reducing the time needed to convert tens of millions of data records into useful, detailed information
- Introduced the Oracle Policy Automation Web service component for event-driven processing, allowing CBS to enrich and analyze incoming data in real-time
- Implemented Oracle Policy Automation for batch processing to automatically convert multiple complex data sets into the appropriate results, thereby accelerating the production of statistical reports and publications
- Gained the ability to create business rules that can be used and understood by individuals outside the IT team
- Successfully completed initial implementation of the Oracle Policy Automation solution within eight months