

Commercial Off-the-Shelf Data Quality Solutions

ABSTRACT

The amount spent on data cleaning and on software applications for managing data quality now exceeds \$250 million per year and is growing rapidly. The eOTD, ISO 22745 and ISO 8000 have allowed not only the development of standardized data cleaning processes but also standard software features that allow these services and applications to be objectively measured and compared. Beyond the eOTD as a common terminology resource for semantic encoding, the standardization of a method for expressing data requirements and exchanging encoded data in ISO 22745 has resulted in a plug and play COTS environment where the quality of the data can be easily verified using ISO 8000 and where data has truly become portable not only from one application to another but also from one data cleaning contractor to another. The end result is faster, better and cheaper access to quality data.

BIOGRAPHY

Salomon de Jager
Chief Executive Officer
The Pilog™ international group of companies

Dr. Salomon de Jager is the CEO of the Pilog™ international group of companies. In 1994 Salomon initiated a management buyout of the Industrial Division of Paradigm from British Aerospace which became Pilog. The company has developed and implemented integrated asset and logistic management systems for the South African Air Force and Navy as well as for the Steel, Utilities, Mining, Nuclear, Telecom, Aviation and Petrochemical Industries in South Africa, the Middle East and Russia. The PiLog software includes features that improve the speed and accuracy of data capture as well as the creation of structured descriptions and the identification of potential duplication in master data, this increases asset visibility and the accuracy of spend analysis which allows companies to better manage their assets, their inventory and their direct purchases. Dr. de Jager completed his PhD in System Engineering and Logistic design in 1993 at Witwatersrand University Johannesburg, South Africa.