

UNISERV DATA QUALITY SOLUTIONS

MONITOR



EXPLORER

WITH THE *DQ EXPLORER*, YOU INVESTIGATE THE ACTUAL STATE OF YOUR DATA.

BATCH SUITE


WITH THE *DQ BATCH SUITE*, YOU CAN CHECK YOUR DATA AND IN MOST CASES ALSO HAVE IT CLEANSED FULLY AUTOMATICALLY.

REAL-TIME SERVICES

WITH THE *DQ REAL-TIME SERVICES*, INCORRECT ADDRESS INFORMATION IS AUTOMATICALLY CORRECTED „ON THE FLY“ THROUGH ERROR-TOLERANT ACCESS TO REFERENCE DATA.

MONITOR

THE *DQ MONITOR* CONTINUOUSLY MONITORS YOUR DATA QUALITY IN ACCORDANCE WITH BUSINESS RULES YOU HAVE SPECIFIED YOURSELF.



YOU CAN ALWAYS BE
CONFIDENT OF THE
QUALITY OF YOUR DATA!

Monitoring, keeping consistent, improving and guaranteeing the achieved data quality level on a permanent basis!

The challenge of data quality

Data changes all the time. It is often created by different applications and systems, is located in different databases or is supplied by external providers.

Of course, the best solution is to check the data quality when it is input in the respective applications. However, this is frequently not possible or cannot be done quickly enough for organizational or technical reasons. This is precisely where the *Data Quality Monitor* comes into play.

The quality of your data should to be subjected to continuous automatic testing, in order to get on top of the problems which arise. The Uniserv *DQ Monitor* carries out this central task and informs you if specified threshold values are exceeded. You thereby keep data quality under control and your data remains sound and reliable.

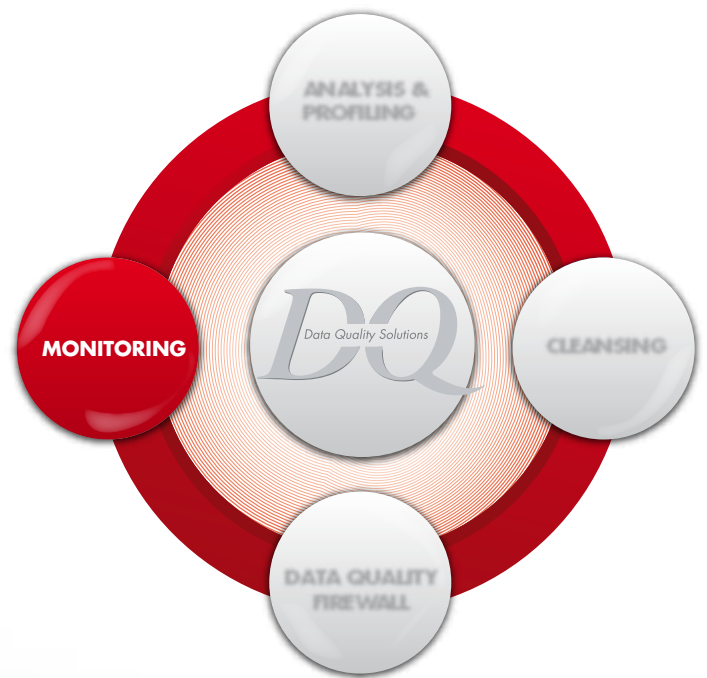
Quality monitoring

Monitoring data quality is an important sub-aspect of the Uniserv Data Quality Life Cycle. It is based on the specified goals and rules and therefore on the current quality level obtained after the initial analysis carried out on the basis of data profiling (Uniserv *DQ Explorer*) and the initial cleansing of your data (*DQ Batch Suite*).

Monitoring is not an end in itself but more or less serves as a sensor for data quality weaknesses, before they make themselves felt in the destination system. Our software solution *DQ Monitor* undertakes this monitoring function by orienting itself towards the defined data quality initiatives and general instructions as well any changes which may be required.

You check your data pro-actively with the Uniserv solution *DQ Monitor*. No matter whether it concerns data quality initiatives, migration or integration projects, the *DQ Monitor* ensures that you restrict the negative effects of unreliable data on your company to the largest possible extent, prevent significant costs arising and reduce the project risks considerably.

UNISERV PRODUCT RANGE FOR THE DATA QUALITY LIFE CYCLE



DETECTING POOR DATA QUALITY IN THE
CONTEXT OF THE DATA QUALITY LIFE CYCLE

Integration in data quality processes

The *DQ Monitor* can be easily integrated in your data quality processes. As a result, you quickly obtain an overview of the quality of your data in different data sources. Automatic warnings, snapshots and trend reports immediately provide you with the expected view of the data, in order to be able to introduce appropriate measures without delay.

Typical use scenarios

The software can be used as a stand-alone option or as part of a larger strategic initiative and thus meet a large number of business requirements, e.g.:

- COMPLIANCE

The need for reliable correct information is of prime importance here, in order to comply with the statutory requirements.

- INTEGRATION AND MIGRATION PROJECTS

Data quality is one of the most important success factors for achieving the planned Return on Invest (ROI) and securing user acceptance.

- DATA FROM THIRD PARTY SOURCES

Monitoring the quality level during the integration of external data sources, e.g. in the case of company mergers or the acceptance of data from third-party suppliers.

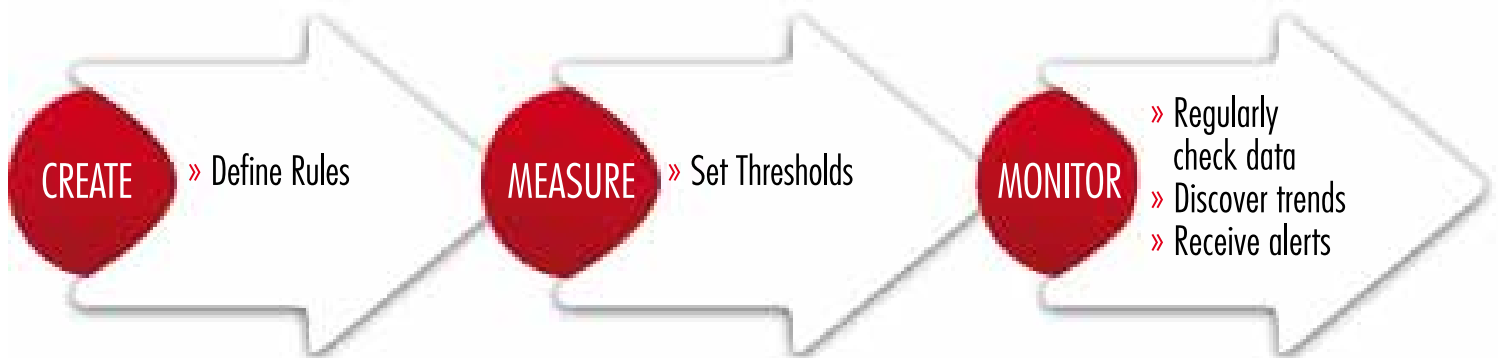
- INFORMATION MANAGEMENT AND DATA GOVERNANCE

Definition of quality benchmarks, so that the efficiency of new solutions and processes can be monitored.

Data quality is a permanent integrated process which concerns the entire company. The requirement for securing a high level of data quality in the long-term is met by means of the *DQ Monitor*.

The *DQ Monitor* provides you with information about the quality situation of your data (actual values vs. target values) and its development through regular measuring results. As a result, you can judge to what extent the quality requirements of the data used for the business processes are being met or whether additional measures are necessary.

AUTOMATED MONITORING IN 3 STEPS

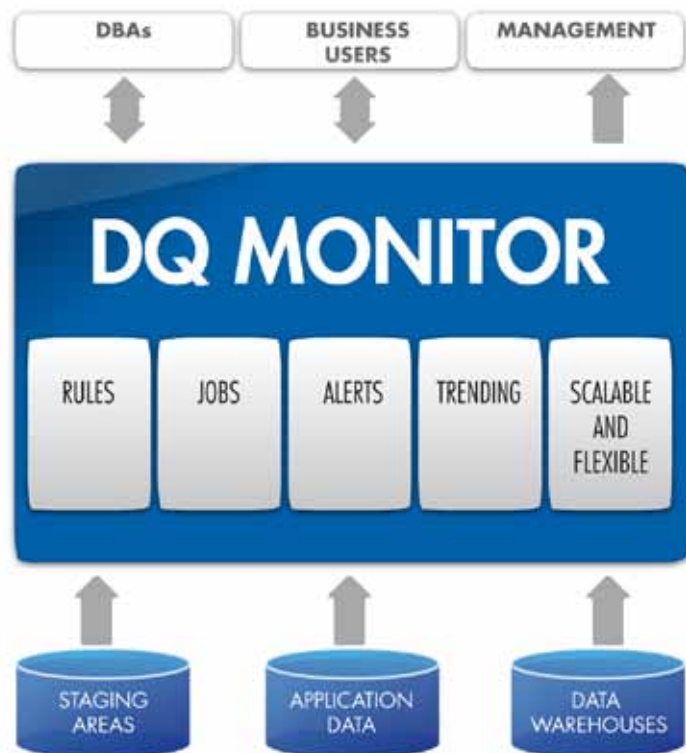


The *DQ Monitor* enables you to monitor the quality of your data regularly and automatically; you are pro-actively informed about possible problems as soon as they arise.

Functions of monitoring

You can use the Uniserv *DQ Monitor* to create, administer and check your data quality rules. The rules are stored in SQL or Stored Procedures and aggregated into jobs. In this respect, limit values can also be specified for rules which trigger an alarm if they are exceeded.

Execution either takes place manually (ad-hoc) or automatically via schedulers at any desired time, e.g. at night, when there is no impact on the daily workload.



Functions of the problem management

- Notification by e-mail if specified rules and limits are not complied with
- Statistics about progression over time which indicate the trend
- Administration of time-based versions of a rule
- Creation of individual reports about access to the repository

Scalability

The *DQ Monitor* is available in various versions: as an Entry Server for small to medium-sized projects for securing data quality or as an Advanced Server for medium-sized to large projects for securing data quality and/or heterogeneous system environments.

Technical specifications

Client: Windows
 Server: Windows, Linux or Unix
 Data sources: DB2, Oracle, all ODBC data sources (Windows)



Further information:



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