

SAP MASTER DATE MANAGEMENT

S/DQC

Superior Data Quality Cockpit

Intelligent Add-on for the highest
master data quality



Expert Knowledge & Machine Learning

- » Machine learning for intelligent troubleshooting
- » Easy configuration of individual expert rules
- » Validation of master data already during data maintenance
- » Mass testing to identify existing mistakes
- » Can be used without programming
- » Modification-free integration into SAP systems

S/DQC: Highest quality standards for master data through expert knowledge and machine learning

In the context of digitization, the importance of standardizing master data and maintaining the highest quality standards is steadily increasing. Everything is connected to everything, worldwide. Goods and information constantly flow across various systems and end devices. Therefore, in retail, consistent and up-to-date master data are a prerequisite for an efficient execution and automation of business processes across all sales channels.

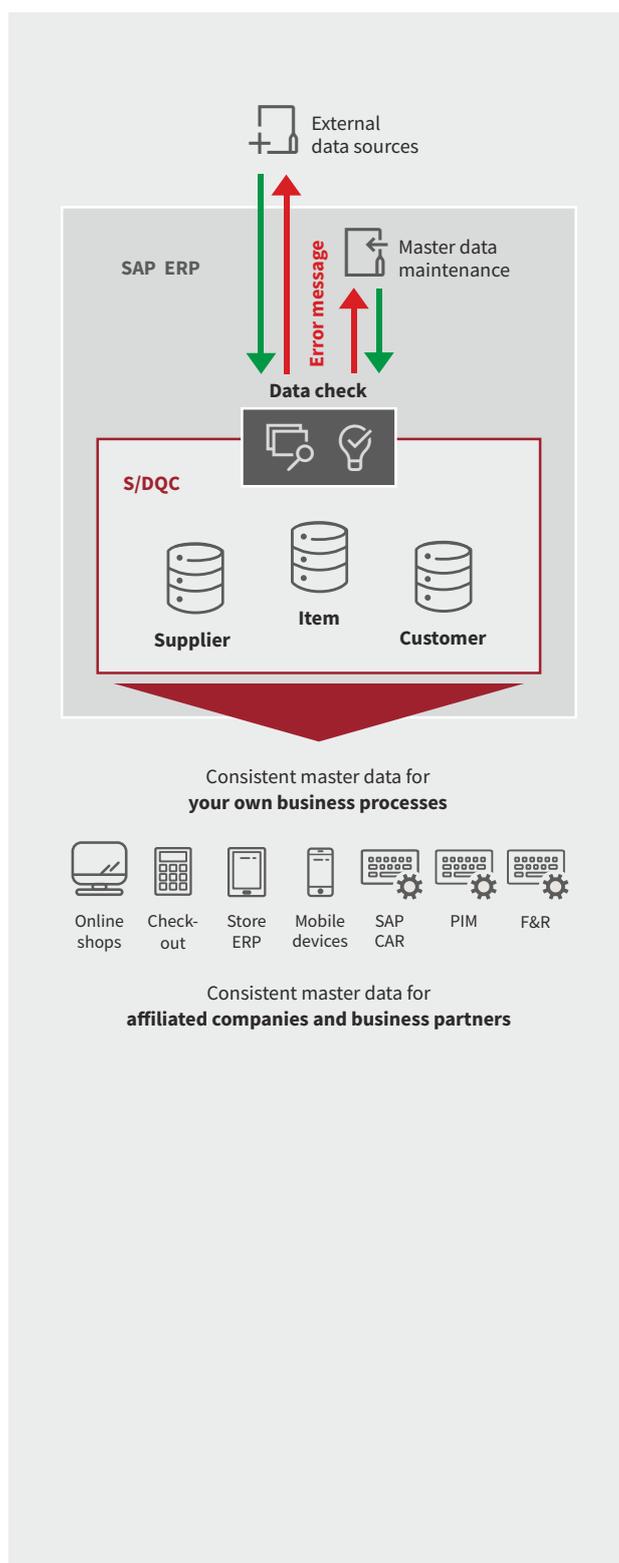
In omnichannel retailing, customers naturally presuppose a seamless shopping experience. They switch between online and offline formats, compare products and prices to get the best deal. This is a tremendous challenge for IT and various other departments.

Although SAP already offers numerous standard functions to check master data when creating these, adjusting the settings for this currently requires considerable effort. The risk of entering incomplete or incorrect data is therefore high.

To combat this problem, retail solutions has developed S/DQC. An innovative add-on that allows you to secure the quality of your master data in a simple and efficient way.

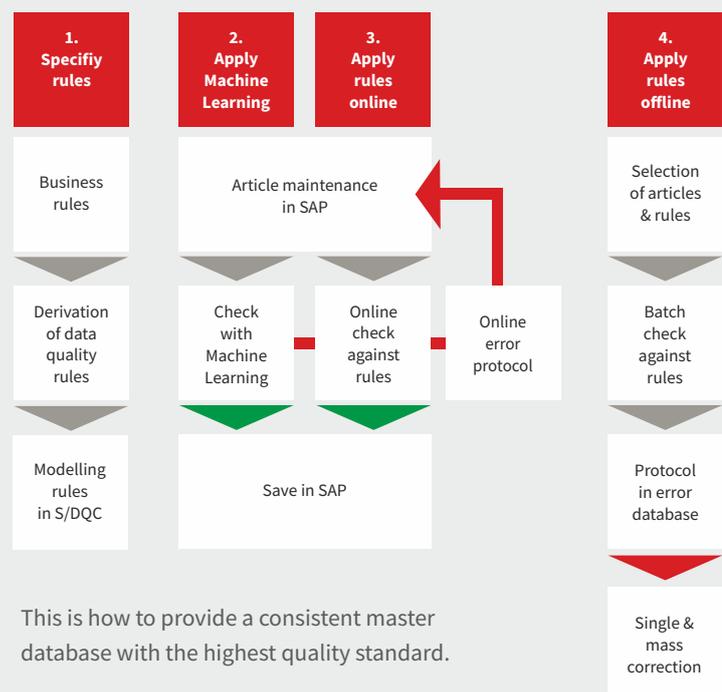
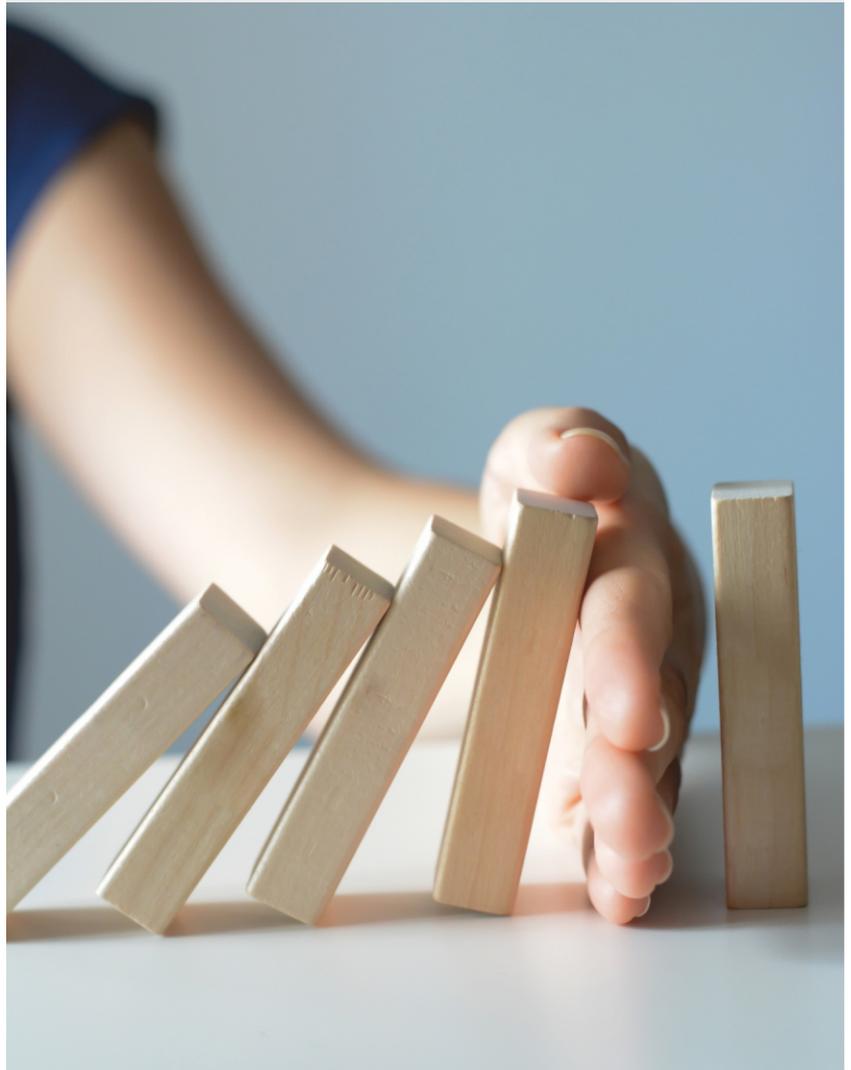
In a checking rule-cockpit, even complex validation rules can be configured individually and without programming. These expert rules are complemented by machine learning algorithms that identify inconsistently maintained master data attributes, especially in fuzzy data constellations. This way, the storage of incorrect entries is already prevented during the initial creation.

Identified errors are automatically displayed and the system assists the correction of the data with learned default values. Your goal of being able to rely on a flawless, consistent and up-to-date database is within reach.



Benefits at a glance

- » Inspection via configured expert rules and machine learning algorithms
- » Manual and automated master data creation also from external systems
- » Modification-free integration into SAP ECC, S/4 and MDG
- » User-friendly Fiori-interface
- » Quick and easy modeling of checking rules
- » Clear presentation of results in inspection catalogs



Achieve consistent master data in 4 steps

1

Definition of expert rules

You know the requirements of your company best. Therefore you can define individual expert rules yourself to ensure the consistency of your data. These self-configured checking rules make the entry of certain data mandatory or do not allow incorrect and contradictory entries in the first place.

Creating rules is intuitive and can be carried out with simple customizing, therefore not requiring any programming knowledge. This allows even complex checking rules to be created in just a few minutes.

2

Training machine learning algorithms

Intelligent algorithms learn from identified errors. They recognize certain patterns and correlations and independently derive principles from them that were not defined in advance by the checking rules. With the help of machine learning, "blurred" errors that cannot be found using expert rules, such as incorrect article dimensions and weights, are identified over time. The tool continuously and independently updates and optimizes the rules for ensuring data quality and suggests intelligent entries to correct errors.

3

Maintaining master data with an online inspection

Data maintenance is carried out via a user-oriented dialog menu. The system checks whether the article fulfills all expert rules that are active for the corresponding transaction. It makes no difference whether the data are obtained in maintenance transactions or stem from external systems. If the system detects errors they are not only displayed. You also receive suggested solutions for a possible correction. Based on the error message, you can then simply locate the error and confirm the recommended correction. Data is not updated until all errors have been corrected. Since this check already takes place during the initial creation, you can ensure that faulty articles cannot be saved in your system at all.

4

Mass testing with an offline inspection

With the help of a test report, you can identify already stored master data that contain errors. Diverse selection criteria and checking rules are available with which you can individually determine the scope of the inspection. This way, you can monitor item data in a targeted way, e.g. those created at a certain time in a certain product range or validate the accuracy of individual checking rules.

The errors identified in the test report are automatically saved in an error database. A clear and customizable report enables quick corrective measures. Identify causes such as faulty processes, interfaces, or information deficits, and begin mass maintenance of the selected data.

IT solutions for retail

retailsolutions is one of the leading SAP Retail consulting companies in Europe. From our office locations in the UK, Switzerland, Germany as well as Austria, we are supporting clients in all European countries.

Our pedigree is in retail and with over 150 consultants we help implement SAP solutions and conduct IT engagements covering the entire retail supply chain.

Many years of SAP Retail experience as well as numerous well-known references in the retail industry speak for our technological and business competence. Our close relationship with SAP is based on the fact that the company was founded as a spin-off of the SAP organisation.



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