

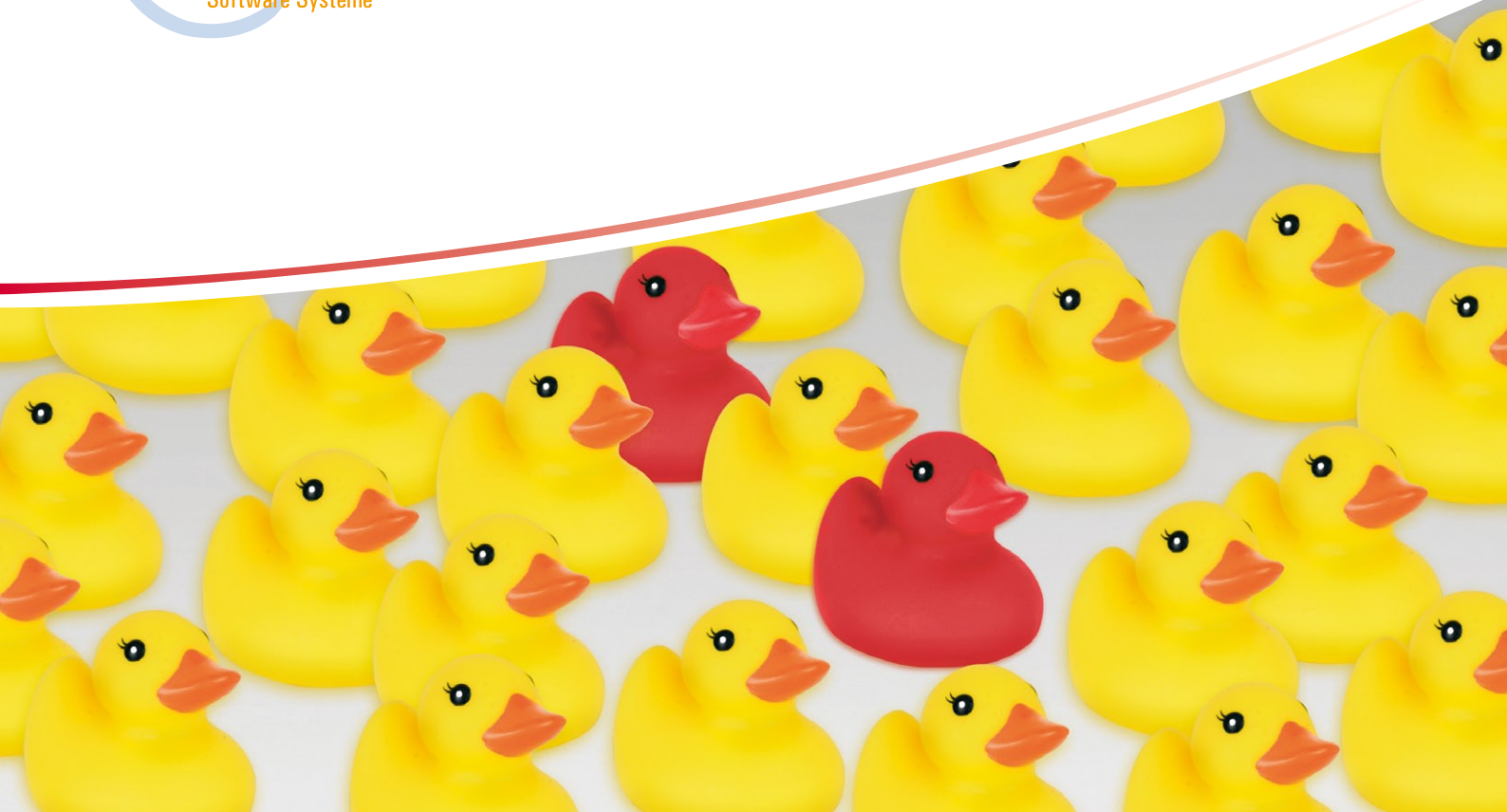
The Solution for Duplicate-Free Master Data

in your SAP® Applications

- + Dialog check during creation and maintenance of master data
- + Stock check of customers, vendors and central business partners
- + The international address check does not require any additional software
- + Extended field pool for duplicate identification (address, bank details, tax number, date of birth)
- + Organisation of duplicates into duplicate groups
- + Clearing monitor for fast and secure processing
- + Classification by duplicate type (certain, to check, relocation duplicates)
- + Allocation of duplicates using primary and secondary relationships
- + Enhancement of primary data record with data from the secondary data record
- + Object dependency in a separate persistent repository
- + Display of transaction data (open items, orders, quotations)
- + Research via organisation data of master data at field level
- + Display of relationship hierarchy with change function
- + An enterprise organisation can be mapped for data records that belong together (simply via Drag&Drop)
- + Flexible handling and automation through customer's Customising



SAP® Certified
Integration



Data Cleansing with Marble AddressCheck Professional

Data Cleansing with Marble AddressCheck Professional (MAC-PRO) is a modular solution integrated in SAP®. The core technology for finding duplicates "FACT" can be installed on the SAP® server and is called up via RFC. MAC-PRO thus does not require any additional hardware.

Depending on the company's requirements (ERP, CRM, Industry Solution) the objects to be examined (customer, vendor or business partner) are defined via various scenarios. The objects can be checked either individually or comprehensively (customer with vendor). The three core components of MAC-PRO are the dialog check to prevent new duplicates, the stock check to recognise existing duplicates and for regularly checking, and the clearing monitor for processing duplicate groups.

Master Data Stock Check

The duplicate check is defined once, specific to company, via index and matrix settings. The stock check (batch check) is performed by comparing fields that are evaluated and assigned to a duplicate type. The check is thus not a simple search but provides information on the type of duplicate, such as "very certain duplicate", "potential relocation duplicate". In addition to the address fields, the bank details, tax number and date of birth fields can also be selected. These can be further extended via function modules. The technology examines national and international addresses, and country-specific particulars are maintained in Customising, thus

no special language packages are required. The duplicates found are organised into duplicate groups and then qualified and processed in the clearing process.

Proactive Dialog Check

The dialog check prevents the creation of new duplicates. When master data is created and maintained, a results display informs you whether the data record already exists in the system. The data records found are displayed in the dialog window with various pieces of information:

- + is already defined as a primary record
- + is assigned to an enterprise hierarchy
- + has not been previously processed in a check

The screenshot shows the SAP 'Debitor ändern: Allgemeine Daten' dialog box for 'Autohaus Rösch GmbH & Co' in Pforzheim. Below it, the 'Marble AdressCheck Dialog: Gefundene Dubletten' window displays a table of detected duplicates.

Bezeichnung	ZG	Bukrs.	Prozent	Satz	Kto.-Gr.	Name 1	Straße	Hausnr.	PLZ	Ort
sichere Zuordnung			96,00	301932	DEBI	Autohaus Rösch Gmb...	Westliche-Karl-Friedrich-Str. ...		75172	Pforzheim
Umzugsadresse			78,00	301898	DEBI	Autohaus Rösch Gmb...	Im Hinteren Zeil	22	75179	Pforzheim

Proactive Dialog Check

The following alternatives are available for further processing:

- + Accept a proposal and cancel your own process
- + Display the enterprise hierarchy for a proposal
- + If duplicates have already been assigned, these can be displayed
- + Create a clearing case for the duplicates found
- + Do not accept any proposals and continue your own process

The results display can be changed via user exits. It is possible to delete and highlight in colour results lines, and further information can also be read.

In addition, a duplicate check for the phone number and bank details can be activated in Customising. The duplicate data records are displayed after the same phone number or bank details have been entered.

Further Processing in the Clearing Monitor

Marble AddressCheck: Anzeige der Dubletten

Szenario: BD - KRAUS

Anz. Stammsätze	2122
Anz. Dubletten	657
Anz. Dublettengrp.	256
Dublettengrp. = 2	202
Dublettengrp. = 3	32
Dublettengrp. = 4	13
Dublettengrp. > 4	7
Dublettengrp. > 10	2

Häufigkeit der Dublettentypen in den Ländern

Typ	Bezeichnung	Summe	CN	CZ	DE	FR
01	sichere Zuordn...	408	16	58	99	2
02	Abw. Name	60	0	0	33	1
03	Adresse weicht...	21	0	0	15	0
05	Sehr weiche Zu...	19	0	0	10	0
06	Umzugsadresse	145	0	6	40	0
07	Telefonnummer	2	0	0	2	0

183 Dubletten sortiert nach Dublettengruppen

Gruppe	Typ	Bezeichnung	Land	Stammnr.	O-Art	GP-Art	Name	Name 2	Straße	Haus...	PLZ	Ort
11	02	Abw. Name	DE	700170		Organisat	Klaas Irmgard u. Karl-Heinz	Steuer- u. Rechtsbe...	Rodemanskamp	50	45326	Essen
	02	Abw. Name	DE	700176	Person		Klaas	Irmgard u. Karlheinz	Rodemanskamp	50	45326	Essen
12	05	Sehr weiche Zuord...	DE	700172	Person		Betermann	Horst	Wigstr.	8	45239	Essen
	05	Sehr weiche Zuord...	DE	700182	Gruppe		Arnd Betermann	c.o. Kinderschutz e.V.	Wigstr.	8	45239	Essen
13	06	Umzugsadresse	DE	700178	Person		Bach	Yvonne	Gummertstr.	88	45131	Essen
	06	Umzugsadresse	DE	700179	Person		Bach	Yvonne	Bahnstr.	88	45257	Essen
14	03	Adresse weicht ab	DE	700180	Person		Betermann	Arnd und Petra	Wigstr.	8	45239	Essen
	03	Adresse weicht ab	DE	700181	Person		Betermann	Arnd und Petra	Wikingerstr.	8	45239	Essen
15	02	Abw. Name	DE	700190		Organisat	Bader GmbH + Co., Bruno ...	Abt.	Maximilianstr.	48	75172	Pforzheim
	02	Abw. Name	DE	700231		Organisat	Bader GmbH + Co., Bruno	RechtsAbt.	Maximilianstr.	48	75172	Pforzheim
	05	Sehr weiche Zuord...	DE	700246		Organisat	Bader GmbH + Co., Bruno	Sekretariat	Maximilianstr.	48	75172	Pforzheim
16	01	sichere Zuordnung	DE	700192		Organisat	Aldinger Max	Hausverwaltung	Bleichstr.	3a	75173	Pforzheim
	01	sichere Zuordnung	DE	700240		Organisat	Hausverwaltung	Aldinger Max.	Bleichstr.	3a	75173	Pforzheim
17	03	Adresse weicht ab	DE	700195		Organisat	Ahrens GmbH Pforzheim	Autovermietung	Östliche Karl-Friedrich...	42	75175	Pforzheim

Stock Display

The duplicates are cleared via a processing monitor that enables efficient further processing. The master data attributes are displayed at a glance via the organisational structure (number of company codes, Purchasing and Sales organisational data).

Links, such as customer to vendor, are shown simply, or a business partner is defined as customer or vendor. The research tools offer further information. Master data research shows the contents of the master data fields up to field level, such as contact person, terms of payment or bank details. The field contents can thus be compared and checked quickly and clearly.

The number of open items, orders and quotations, for example, are shown using the document retrieval function. The information can be extended on a customer-specific basis via function modules. The aim of processing is to recognise whether the existing master records are duplicates or belong to an enterprise hierarchy, in other words, if they are intentional duplicate master data records. The settings made are saved and are made available to other applications

such as BW or for reports via the primary and secondary indicators as well as parent/child relationships.

Marble | AddressCheck Pro

Technical Information

The software has been developed in the protected namespace /ISO/ for optimum integration in SAP® systems. The SAP® standard technology BAdI (Business Add-In) for Central Address Management (CAM), from Release 4.7 Business Address Services (BAS), has also been integrated. The duplicate check is thus available for the objects customer, vendor or central business partner. The check technology is called up via an RFC. An additional server is not required, the application runs on the SAP® server.

SAP® Certified Integration

Marble-Address-Check-Pro is certified Integration Partner of SAP

SAP certifies Marble-Address-Check-Professional 2.1 of ISO Software Systeme GmbH. After the successful testing of the technical and functional requirements, the Data-Quality-Management-System of ISO Software Systeme GmbH obtained the SAP Certified Integration-Logo and moreover was evaluated as very user friendly.

Among others the certification guarantees Data transfer at high speed coming along with rapid Data processing and response time.

Add-Ons

MAC-VAL Marble Address Check Validation: the address is standardised, extended and validated via a web service (national/international).

MAC-BIS Marble Address Check Import: the integration of MAC-BIS automatically prevents new duplicates when master data is imported.

MAC-SRC Marble Address Check Search: exact field or cross-field, fault-tolerant search for customers, vendors or business partners, within seconds and high-performant.

MAC-COP Marble Address Check Copy: copying master data views (Purchasing, Sales view) from one master record to another master record.

MAG Marble Address Grabber: the signature from an e-mail is imported to SAP® and checked for duplicates.

MHB Marble Hierarchy Builder: simple enterprise hierarchy structure via Drag & Drop for VIS and COPA.

MBC Marble Bank Account Check: checks on European-wide basis whether the account number for the bank number is correct.

MCC Marble Compliance Check: checks the master data against the EU anti-terror lists.

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