

# Adress Validation – Address Cleansing

for SAP® ECC 6.0 or  
S/4HANA®

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excellence in data quality

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Partner



## Integrated Address Validation

A correct postal address is essential for an effective and cost-conscious Master Data Management. Processes like dispatch, customs handling, compliance guidelines, standard reports and hierarchies need to specify a business partner. Here, the address is used as a fundamental criterion alongside the corporate name or the label of a master record.

The Marlin Address Validation solution (MAV), an add-on for ERP and CRM integrated with SAP, corrects, normalizes and complements both national and international addresses.

ISO's expert knowledge includes mapping various country-specific requirements through detailed customizing for various purposes: for example support for pictorial languages or automatically deriving the place and street data (including range of street numbers) from a UK postal code. The address validation is available in all applications that use the Central Address Management (CAM) or Business Address Services (BAS) – these include customer, vendor, central business partner, SD and purchasing documents.

As an RFC-enabled function module, MAV can run in the SAP Portal and in non-SAP applications as well. There are two Marlin Address Validation components: one to check online when entering new address data or editing existing address data; the other for batch checking stock data.

## Online check

The address validation prevents incorrect data entry when carrying out standard transactions, such as creating or up-dating master data, or in case of a differing address in the current sales document. A proposal function interactively suggests a correct version to the user who can then accept or decline it. For this, the address data is checked in a fault-tolerant way and validated against a current reference data.

## Batch checking of stock data

The existing address data is corrected during batch check and automatically changed in the master record. The batch check is scheduled as an SAP job and can run parallel to the regular productive operations. This batch validation is done against the reference data, similar to the online check. If more than one result is found for an address, for example Maple Road/Maple Street, MAV offers a clearing monitor within SAP to further process the results. Using this clearing monitor, the correct address data can easily be selected and applied to the master record.

The monitor shows four possible results:

- correct address data
- address data that can be corrected easily (for example transposed numbers in zip code)
- address data that can be corrected but for which several suggestions exists
- address data that cannot be corrected because essential information is missing

The image shows two overlapping SAP screenshots. The top screenshot is titled 'Validation result: overview' and displays a table of validation results. The bottom screenshot is titled 'Create Customer: General Data' and shows a form for entering customer information, including address details.

**Validation result: overview**

| City     | Postal Code | Street                           | House No. | Street 2 | Cty | Rg | VSPRegDesc | Rel.  |
|----------|-------------|----------------------------------|-----------|----------|-----|----|------------|-------|
| new york |             | 60 washington Sq South Suite 210 |           |          | US  |    |            |       |
| New York | 10012-1019  | Washington Sq S                  | 60        | Ste 210  | US  | NY | New York   | 82.06 |

**Create Customer: General Data**

Customer: INTERNAL University Book Store New york

Address Control Data Payment Transactions Marketing Unloading Points Export D

Preview Internat. versions

Name  
Title Company  
Name University Book Store

Search Terms  
Search term 1/2 MEDIA

Street Address  
Street/House number 60 washington Sq South Suite 210  
Postal Code/City new york  
Country US United States Region  
Time zone CST

Online checking

## Advantages

- Fast Completion – input support for call centers
- no server required – AddressDoctor uses Web service
- can be used as a local server solution as well
- process can be defined differently for each country
- countries can be added without further installation
- saves postage and advertising costs
- high-quality data with standardized addresses
- no update costs for the reference data

## Regular delta check

Existing address data is reviewed and updated by a regular delta check in defined intervals. This avoids a complete check of the data, which in turn reduces costs. It also ensures that the master data used remains up to date.

## Features

- high-speed check of national and international addresses supporting more than 240 countries and territories
- normalizing of address fields (street abbreviations, place names) and completing of missing fields (for example postal code, place)
- breaking down of alphanumeric postal codes (NL, GB) into street and place
- substituting place names with own identifiers
- payment done on an annual quota
- per access benefit analysis for each application to capture and evaluate quality improvements by MAV
- online examination of relevant transactions, updated daily
- background batch check as a job with editing monitor for results
- addresses that cannot be corrected automatically can be edited manually
- delta check for updating address data during operation
- customizing allows scenarios for ERP, CRM or IS
- the solution can be integrated with our product Marlin Data Governance Process (MVT)

Inventory audit (example US vendors)

## Sound advice and field-proven, robust products

ISO has created a holistic solution approach for data quality with the Marlin product suite. With over 500 SAP installations (ERP, CRM, IS, S/4HANA), we offer reliable project management and first-class expertise in the data quality and data governance environment. Depending on the requirements, we complement our spectrum by cooperating with other data quality experts who provide web services, content, or technologies.

## Expert advice and proven products from a single source

- migration of master data
- introduction of a central master
- data data cleansing and master data enrichment
- mapping of customer or supplier hierarchies
- Data Governance and Compliance
- Master Data Management

### ISO Professional Services GmbH

Eichendorffstraße 33

90491 Nuremberg

Tel. +49 911 - 99 594-0

info@iso-gruppe.com | www.iso-gruppe.com

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