ADDRESS VALIDATION & STANDARDIZATION

Fields and Definitions

Cloudingo's Address Validation algorithm provides a lot of useful information to enrich your records. The following pages outline the available fields and their meanings.

When creating and editing Address Validation & Standardization maintenance jobs, you have the option of which fields to update. On **Tab 3 (What fields do you want to update)** you will find a menu labeled **Available Fields**.

Note: a majority of these fields are custom and require that you first add these fields to the Salesforce page layouts before Cloudingo can run the job.

Fields to Update	Definition
Active	Designates if the address is active, or "in-service" according to the USPS
Building Default Indicator	Designates if the address is the "default" address for a building. For example the lobby of a building may be the default address.
Carrier Route	The postal carrier route for the address
Congressional District	The congressional district that the address belongs to
County FIPS	The FIPS (Federal Information Processing Standards) is a 5-digit code that identifies counties and county equivalents, and is made up of a 2-digit state FIPS code and a 3-digit county code
County Name	The county the address is located
Daylight Savings Time (DST)	Designates if the address adheres to DST. For example, Arizona, Hawaii, and Indiana do not observe DST so "dst" will not be present on the record
Delivery Point	Two-digit code (00-99) assigned to an address to form the delivery point barcode (DPBC) which makes automated mail sorting possible
Delivery Point Check Digit	Error detection for the 11-digit barcode
Delivery Point Validation CMRA	Designates if the address is associated with a Commercial Mail Receiving Agency, or a private mailbox. For example, a home-based business may not want to disclose their residential address and opt to use a CMRA address instead.
Delivery Point Validation Footnotes	Specifies why the address was given its DPV value and potentially the type of ZIP Code that was matched. AA — City/state/zip + Street are all valid A1 — ZIP+4 not matched; address is invalid (city/state/zip + street don't match) BB — ZIP+4 matched; Confirmed entire address; address is valid CC — Confirmed address by dropping secondary (apartment, suite, etc.) information F1 — Matched to military address G1 — Matched to general delivery address M1 — Primary number (e.g. house number) is missing M3 — Primary number (e.g. house number) is invalid N1 — Confirmed with missing secondary information; address is valid but it also needs a secondary number (apartment, suite, etc.) P1 — PO, RR, or HC box number is missing P3 — PO, RR, or HC box number is invalid RR — Confirmed address with private mailbox (PMB) info R1 — Confirmed address without private mailbox (PMB) info U1 — Matched a unique ZIP code
Delivery Point Validation Match Code	Indicates whether the USPS delivers to this address Y — Confirmed N — Not Confirmed S — Confirmed by dropping secondary info D — Confirmed but missing secondary info (apt, suite, etc.) [blank] —Address was not submitted for DPV, usually because the address does not have a ZIP Code and a +4 code, or the address is Not Deliverable
Delivery Point Validation Vacant	Designates that the address is vacant or unoccupied and is not receiving mail
Early Warning System Match	Specifies that the address is currently not arranged for mail delivery, perhaps due to a new street or street name change
eLOT Sequence	eLOT (Enhanced Line of Travel) is a 4-digit number
eLOT Sort	eLOT (Enhanced Line of Travel) allows mailers to sort their mailings by line of travel sequence.

Continued...

Fields to Update / Definition

Fields to Update	Definition
Footnotes	Specifies which changes were made to the input address as indicated a # mark. (See Footnote table below)
Latitude	The horizontal component used for geocoding to pinpoint an address
Longitude	The vertical component used for geocoding to pinpoint an address
Precision	Designates how precise the latitude & longitude values are using a scale of Zip5 (lease precise) to Zip9 (most precise)
Record Type	The type of DPV record that was matched F — Firm; the finest level of match available for an address G — General Delivery; for mail to be held at local post offices H — high-rise P — Post Office box R — Rural Route or Highway Contract S — Street [blank] —Invalid DPV match
Residential Delivery Indicator (RDI)	Specifies whether the address is residential, commercial, or unknown
Suitelink Match	Indicates if the address was matched to a known suite or apartment number
Time Zone	Specifies the time zone associated with the address. (Alaska, Atlantic, Central, Eastern, Hawaii, Mountain, None, Pacific, Samoa, UTC+10, UTC+11, UTC+12, UTC+9)
UTC Offset	Number of hours the time zone is offset from Universal Time Co-ordinated (UTC), the international time standard, also known as Greenwich Meridian Time (GMT).
Zip Type	Type of ZIP Code that was matched: Unique (high volume), Military, PO Box, or Standard (not categorized)

Footnote Table

Value	Definition	Value	Definition
A#	Corrected ZIP code	M#	Fixed street spelling
B#	Fixed city/state spelling	N#	Fixed abbreviations
C#	Invalid city/ state/ZIP	O#	Multiple ZIP+4; lowest used
D#	No ZIP+4 assigned	P#	Better address exists
E#	Same ZIP for multiple	Q#	Unique ZIP match
F#	Address not found	R#	No match; EWS: Match soon
G#	Used firm data	S#	Bad secondary address
H#	Missing secondary number (Apt, Ste, etc.)	T#	Multiple response due to magnet street syndrome
I#	Insufficient/ incorrect address data	U#	Unofficial post office name
J#	Dual address	V#	Unverifiable city / state
K#	Cardinal rule match (N, S, E, W)	W#	Invalid delivery address
L#	Changed address component (directional or suffix)	X#	Unique ZIP code
LL# or LI#	Flagged address for LACSLink	Y#	Military match
		Z#	Matched with ZIPMOVE