



DATA SERVICES API

RELEASE NOTES

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New Capabilities

New functionality through the **strictValidation** parameter

Previously in the DSAPI, if you passed in multiple parameters (e.g., name, address, phone, email) and one of the parameters was invalid or formatted incorrectly (i.e., email = johndoe@hotmail.com), the request would fail with an invalid parameter message.

The new **strictValidation** parameter lets you override this behavior by telling the service to ignore the invalid data and attempt a match on any valid parameters.

- If **strictValidation** = true (default): The service will reject the request when it contains invalid parameters.
- If **strictValidation** = false: The service will blank any invalid parameters and populate the **validationErrors** bundle with the parameters that were blanked.

The **validationErrors** bundle appears in all document types and the format is below:

```
validationErrors.invalidParameters[ ]  
  .parameterName: <string>
```

Note: If you want the service to return AbiliTec links for 100% of your records, set this option to false and make sure your zip code contains 5 digits (00000 is acceptable).

Additional fields added to the **postalDeliverability** bundle

We have added three new fields to the **postalDeliverability** bundle in the **additionalAddressInfo** section:

- **alternateAddressNotUsedForMatch**
Address is an alternate address and is not used for matching.
- **cityAbbreviation**
USPS 13 byte city abbreviation. This field only exists for cities that are larger than 13 bytes.
- **puertoRicoUrbanization**
Puerto Rico Urbanization name for the address.

Associative data used in match scoring for more confident matching

In traditional AbiliTec®, associative data, which is the year of birth and the sum of the last four digits of the SSN, was used to help select a record as a tiebreaker.

In AbiliTec 2.0 (DSAPI), we have more fully utilized that data in all situations in which it is provided as a contributor to the overall match score. This enhancement results in more confident matching.

Parameter Information

Parameter Name	Value format	Example Values
yearOfBirth	4 digits	1981
sumLastFourSSN	2 digits (00-36)	14

Corrective Improvements

Bug Fix: Removed max length for bundle parameter

The bug triggering the “max length exceeded” error to display when too many (more than 256) characters were entered in the bundle parameters, has been corrected. Users will no longer receive this error regardless of the length of the parameter value.