

Address Validation Transaction Cycle

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2. Address Validation Transaction Cycle

2.1 Business Description

2.1.1 Query Type - Response Summary

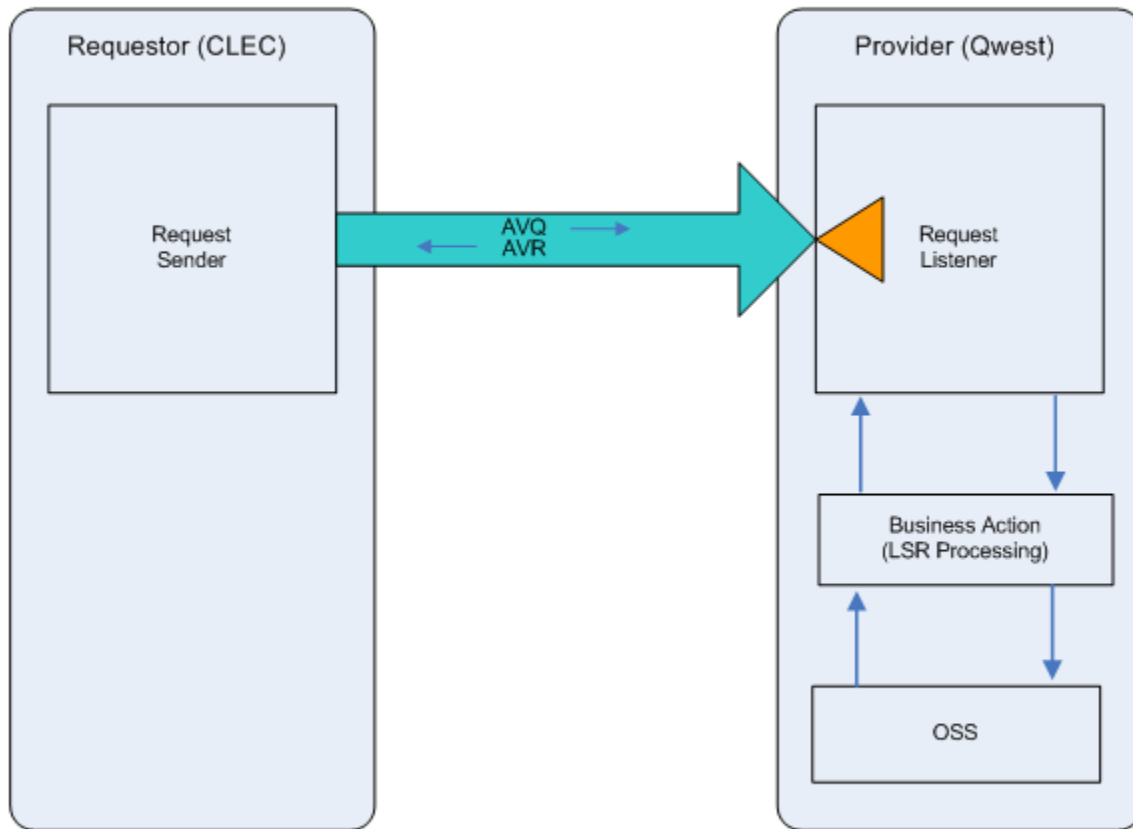
AVQ	Address Validation Query	
1	AVQ by TN (SEARCHTYP=T) & ZIP/CALA	Exact Match (ADRES=A)
2	AVQ by TN (SEARCHTYP=T) & ZIP/CALA	Multiple Match (ADRES=D)
3	AVQ by TN (SEARCHTYP=T) & ZIP/CALA	No Match or Error (ADRES=B)
4	AVQ by Address (SEARCHTYP=A) & ZIP/CALA	Exact Match (ADRES=A)
5	AVQ by Address (SEARCHTYP=A) & ZIP/CALA	Exact with Supplemental (ADRES=A)
6	AVQ by Address (SEARCHTYP=A) & ZIP/CALA	Exact Match, SAG-Only (ADRES=A)
7	AVQ by Address (SEARCHTYP=A) & ZIP/CALA	Near Match (ADRES=C)
8	AVQ by Address (SEARCHTYP=A) & ZIP/CALA	No Match or Error (ADRES=B)


2.2 Business Model

Address Validation

Address Validation provides a CLEC with the capability to utilize a known address or telephone number and validate an address at which service can be provisioned for the end user. The Address Validation transaction consists of two activities: Address Validation Query (AVQ) and Address Validation Response (AVR).

Address Validation



 Pre-order requests are synchronous – Requestor sends the request and waits to receive the response

1. The CLEC submits an AVQ transaction to validate an address. The CLEC will provide either a telephone number or an address for the attempted match.
2. An AVR (BAD) will be returned if:
 - the AVQ fails the IMA edits
 - no addresses can be returned from the OSS
 - the Address Validation query passes the IMA edits but encounters an error in the OSS

The AVR (BAD) will return one or more error messages. If the AVQ passes the IMA edits, the query will be sent to the Operation Support Systems (OSS). The System will respond with one of the following responses: EXACT, MULTIPLE, NEAR, MULT CALA or BAD

3. An AVR (EXACT) will be returned when an exact address match to the address or TN used in the AVQ is found.
4. An AVR (MULTIPLE) will be returned when multiple addresses are found for a given telephone number used in the AVQ.
5. An AVR (NEAR) will be returned when a near match to the address used in the AVQ is found.
6. An AVR (MULT CALA) will be returned when multiple CALAs exist for a zip code used in the AVQ address.

2.3 Address Validation Schema

Please see Appendix F – WSDL - Pre-Order.