

1. Query a CDS services directory to identify all CDS servers that support a given destination

GetClientRoutes	⇒ DestinationID	SendClientRoutes
	⇐ DestinationID ⇐ Multiple CDSServerIDs	

2. Interrogates a CDS service to find all delivery options for a destination

GetDeliveryOptions	⇒ SenderID ⇒ DestinationID	SendDeliveryOptions
	⇐ DestinationID ⇐ CDSServerID ⇐ Destination Costs ⇐ Delivery Methods ⇐ Delivery Timeframes	

3. Sends a document batch to one CDS

SendBatch	⇒ TransactionID ⇒ Date ⇒ SenderID ⇒ SendingCDSServerID ⇒ ReceiverID ⇒ BatchDocuments	ReceiveBatch
	⇐ <i>none</i>	

4. Queries a CDS service regarding its transaction history

GetTransactionHistory	⇒ SenderID ⇒ RequestingCDSServerID ⇒ ReceiverID (multiple, blank=all for this senderID) ⇒ DateRange	SendClientRoutes
	⇐ SenderID ⇐ SendingCDSServerID ⇐ ReceiverID ⇐ Date ⇐ DocumentID ⇐ DocumentType ⇐ DeliveryCharge ⇐ ReceiverCharge ⇐ DeliveryMethod	

Other Supporting Functionality

Client Sends Documents	Accept documents to be sent, identify routing options for each, select routing options for each, assemble batches, send batches This may be partially interactive or could be fully automated if the routing option selection is rules-based. Record transaction history.
Client Receives Documents	Separate individual documents and forward. Record transaction history.
Administer CDS Directory	The owner of a CDS maintains the directory data: the accountIDs and delivery parameters (costs, methods, timeframes).