Document Ingestion and Extraction PoC Specs

Scope

- 8 week POC
- All business segments within Middle Large Commercial (MLC) and Global Specialty (GS) Operations and Small Commercial
- HIG to provide sample set of 350 documents across five common endorsement types to be used to train the system

- Endorsement types to be used:
  - Vehicle Change (Addition of Vehicle)
  - Vehicle Change (Replace a vehicle)
  - Quote
  - Location
  - Endorsement
- Data may be found within an email body or the attachments; word doc, PDF, and or excel

- Once initial system training is complete and read outs provided, The Hartford will provide a new set of documents (50 per transaction type) which we will call the test set.

Deliverables

- A read out of the accuracy/extraction rates after the sample set is run through initially
- Read out at the end of the training timeframe of the accuracy/extraction
- Test set
  - Run through the engine and report out the results. No manual manipulation
- POC completion deliverables:
  - Accuracy Metrics
  - Observations
  - Tool recommendation
  - Costs to implement
  - Understanding of ongoing costs and any assumptions on accuracy levels in future
  - If implemented, a recommendation on the operating model

Endorsements-Updated fields for extraction

Transaction Type	Fields for Extraction	New Asks	
Vehicle Change Addition of Vehicle	Vin # Make Garaging Zip Year Cost New	Pol # Effective Date Model Deductibles Vehicle Type/Use Lessor/Loss Payee	
Vehicle Change Replace Vehicle	Current Vin # New Vin #/Vehicle # Lessor/Loss Payee	Vehicle # Pol # Effective Date Vin # Make	Model Garaging Zip Year Cost New Deductibles
Quote	Intent Type of Coverage Requested Policy #	Effective Date	
Location	Intent Policy # New/Replace/Remove Locations	Effective Date Location # removing New Location Address Operations Square Feet Number of Stories	Year Built Construction Type Exposure Base Coverage Limits
Endorsement	Sub Intent (exposure, rating change) Policy # Exposure Type	Effective Date	

Broker Specs

Scope

- 8 week POC
- All business segments within Middle Large Commercial (MLC) and Global Specialty (GS) Operations (including excess liability)
- Lines of Business – WC, GL, Auto, Property, Package
- Unstructured broker specs (non-Acord forms) – data found within an email, word doc, PDF, and or excel
- Fields to be extracted outlined on the following page
- Sample set-350
  - Sample set will encompass BS across MLC and GS
  - Mix across guaranteed cost and loss sensitive/specialty business
- Once initial system training is complete and read outs provided, The Hartford will provide a new set of documents which we will call the test set (50)

Deliverables

- A read out of the accuracy/extraction rates after the sample set is run through initially
- Read out at the end of the training timeframe of the accuracy/extraction
- Test set
  - Run through the engine and report out the results. No manual manipulation
- POC completion deliverables:
  - Accuracy Metrics
  - Observations
  - Tool recommendation
  - Costs to implement
  - Understanding of ongoing costs and any assumptions on accuracy levels in future
  - If implemented, a recommendation on the operating model

Broker Specs fields for extraction

Data Attributes	Document Type - count			Results		
	PDF	Excel	Other	Extraction Count	Extraction %	Extraction Accuracy %
Account Information						
Agency						
Insured						
Policy Info						
Effective Date						
Lines of Business						
Quote need by date						
Limits/Deductibles						
WC						
GL						
Auto						
Property						
Rating Exposures						
WC - payroll						
GL - sales/area/payroll						
Auto - vehicle schedule						
Property - SOV						
Historical Exposures by LOB						