PRODUCT DESCRIPTION: Unstructured data through GenAI watsonx <> Celonis
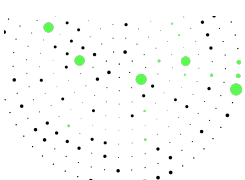
watsonx

Celonis partnered with watsonx to develop a suite of AI-enabled Apps with classification and categorization of unstructured data at its core. This structured data is then ingested into the Celonis Platform and these insights can be maximized through watsonx.ai GenAI capabilities.
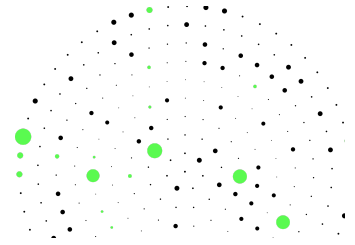
The combination of Celonis and watsonx further unlocks business value by enabling a common language between unstructured data and the Celonis Platform, all maximized by GenAI capabilities. As such, watsonx enriches the Celonis Platform with unstructured data and maximizes insights through core GenAI capabilities like:
-   Content Generation
-   Retrieval-Augmented Generation
-   Summarization
-   Insights Extraction
-   Named Entity Recognition

watsonx main products - entire catalog [here](#)
-   ○ [watson.ai](#): *Train, validate, tune, and deploy GenAI, foundation models, and ML capabilities with ease.*
-   ○ [watsonx Discovery](#): *Automating the discovery of information and insights with advanced NLP.*
-   ○ [watsonx Assistant](#): *Conversational artificial intelligence platform.*
-   ○ [watsonx Orchestrate](#): *GenAI and NLP to draw from a catalog of basic and advanced skills to execute on requests.*
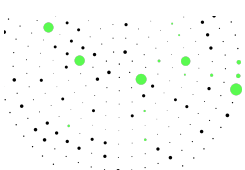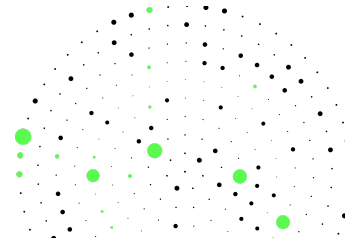
1. Feature Overview

Classification and categorizing unstructured data and free text such as contracts, emails, and tickets. Potential use cases include:

- AP 4-way match
- Incident Management e.g. ITSM
- Customer Touchpoint Analysis
- Supplier Assessment & Recommendation
- Claims Mgmt e.g. BFSI

Feature	Description
Unstructured Document Processing	This solution enables users to extract unstructured data from commercial contracts, enabling Celonis to proactively spot discrepancies in POs, invoices, and goods receipts.
Conversational AI Solution with RAG pattern	This solution provides a conversational interface to answer process questions & enable non-technical users in their day-to-day operations.
Unstructured Free Text Processing	watsonx pulls information from free-text requisitions and passes them to Celonis to proactively identify mismatches with POs, invoices, and goods receipts. This will also proactively flag if there is a mismatch on POs created from free text requisitions and have Celonis auto-notify procurement teams.
Model Tuning	To tune a Foundational Model on watsonx, training data (which includes example inputs and expected outputs) is supplied to the watsonx tuning studio. The studio then begins what is called a 'tuning experiment' that can last anywhere from a few minutes to a few hours, depending on the amount of training data. The time it takes the 'tuning experiment' to complete is referred to as "Tuning Hours".

2. Metrics

- Number of Documents
    - The total number of unique documents from the client that are ingested into the solution for each contractual year of the subscription.
    - A document is an individual document file (PDF, DOCX, etc.) containing unstructured data, such as a PDF file of a vendor contract.
- Number of Unstructured Fields
    - The total number of unique fields that are processed by the solution for each contractual year of the subscription.
    - An unstructured field is any singular column within a Celonis data table whose values contain unstructured data.
- Tuning Hrs
    - Tuning Hours are the time the 'tuning experiment' takes to complete.

3. Packaging

Feature/Package	Small	Medium	Large
Unstructured Document Processing	120,000 Documents	1,800,000 Documents	3,600,000 Documents
Feature/Package	Small	Medium	Large
Unstructured Free Text Processing	5 Unstructured Fields	10 Unstructured Fields	25 Unstructured Fields
Add-On: Model Tuning	70 Tuning Hours		

Package limits reset each subscription year with no rollover of unused metrics.

The total number of document-query pairs is subject to a Fair Use limit of 180 million for package S, 2.7B for package M, and 5.4B for package L.