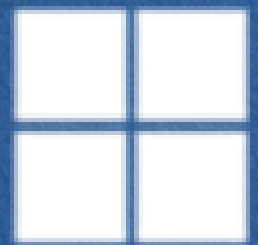


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# Microsoft Cognitive Services VBOs





## Visual Perception



## Knowledge & Insight



# Natural Language Processing/Text Analytics

The **NLP/Text Analytics** integration includes:

- **Sentiment Analysis:** Allows enterprises to analyze text sentiment, then the returned data is formatted into specific, easy-to-use outputs.
- **Entity Analysis:** Organizations can analyze and find entities in any given text. An *entity* can be a proper name, or common nouns. This function will also find entity types, such as salience, mentions and other properties.
- **Sentiment Entity Analysis:** Find entities and analyze sentiment values in any given text.
- **Syntax Analysis:** Analyzes text syntax and provides sentence tokenization, along with part of speech tags, dependency trees, and other properties.
- **Content Classification:** Classifies text into specific categories with a confidence score.

# Translate

The **Translation API** detects multiple languages, translates text, and organizes results into a range of usable outputs, such as identification of source language, confidence scores, and more.

## Collaboration



## Learning



- **Detect Language:** Detect the language of a piece of text, detects Source Language, and assigns a Confidence Score.
- **Detect Multiple:** Identify an unlimited amount of text formatted in a wide range of languages, plus detects source language and develops a Confidence Collection that represents the actual detected language of the given text with a confidence score for input.
- **Translate Text:** Translates text into supported languages, then organizes into outputs of choice.
- **Translate Multiple:** Translates a Collection of provided text into any of the supported languages.

# Computer Vision

Our integration with Microsoft Cognitive Services lets enterprises easily incorporate Microsoft's **Computer Vision API** services into any Blue Prism process. These include:

- Crop Hints
- Face Detection
- Read Document Text
- Read Text
- Get Image Properties
- Label Detection
- Landmark Detection
- Logo Detection
- Safe Search
- Web Search options

## Collaboration



## Visual Perception

