

**3DEXPERIENCE**

# Dassault Systèmes EXALEAD CloudView platform

## Semantic Factory Web Experience

Founded in 2000 by search engine pioneers, Dassault Systèmes EXALEAD provides search and unified information access software that drives innovation and performance in the enterprise and on the Internet.

## EXALEAD CloudView platform

- industry's most sophisticated and scalable infrastructure for Search-Based Applications (SBAs)
- over 30,000 business decision makers, half a million enterprise search users
- 110 million Internet users
- to make their information universe accessible and meaningful

The screenshot displays the EXALEAD search engine interface. At the top, the EXALEAD logo is visible. The search bar contains the query 'Fp7 Language Technologies'. Below the search bar, there are navigation options for 'Web', 'Images', 'Videos', 'Wikipedia', and 'More'. The search results are displayed in a list format, with each result including a thumbnail, a title, a snippet of text, and a URL. The first result is from 'European Commission' regarding 'CORDIS : FP7 : Ict : Language Technologies : FP7 Call 4'. Other results include 'Cooperation:INFORMATION And Communication TECHNOLOGIES (ICTs) - FP...', 'Advanced Language Technologies for Mathematical Markup', '4th Workshop on the Representation and Processing of Sign Languages', and 'First call for Papers: The Fourth International conference HUMAN LANGUAGE ...'. On the right side of the interface, there are filters for 'Site type' (Blog, Forum), 'Filetype' (pdf, text, word), 'Related terms' (Cloud Computing, Communication Te..., European Commis..., European Research, European Technol..., Framework program..., International Works..., Marie Curie Actions, Semantic technology), 'Languages' (English (100%)), and 'Countries'.

# EXALEAD CloudView platform is composed of four core components

- **CloudView Connectivity**

Collects Big Data in real time from any enterprise, cloud or WWW source

- **CloudView Semantic Factory**

Structures and enriches unstructured data; provides semantic query interpretation and fuzzy matching

- **CloudView Index**

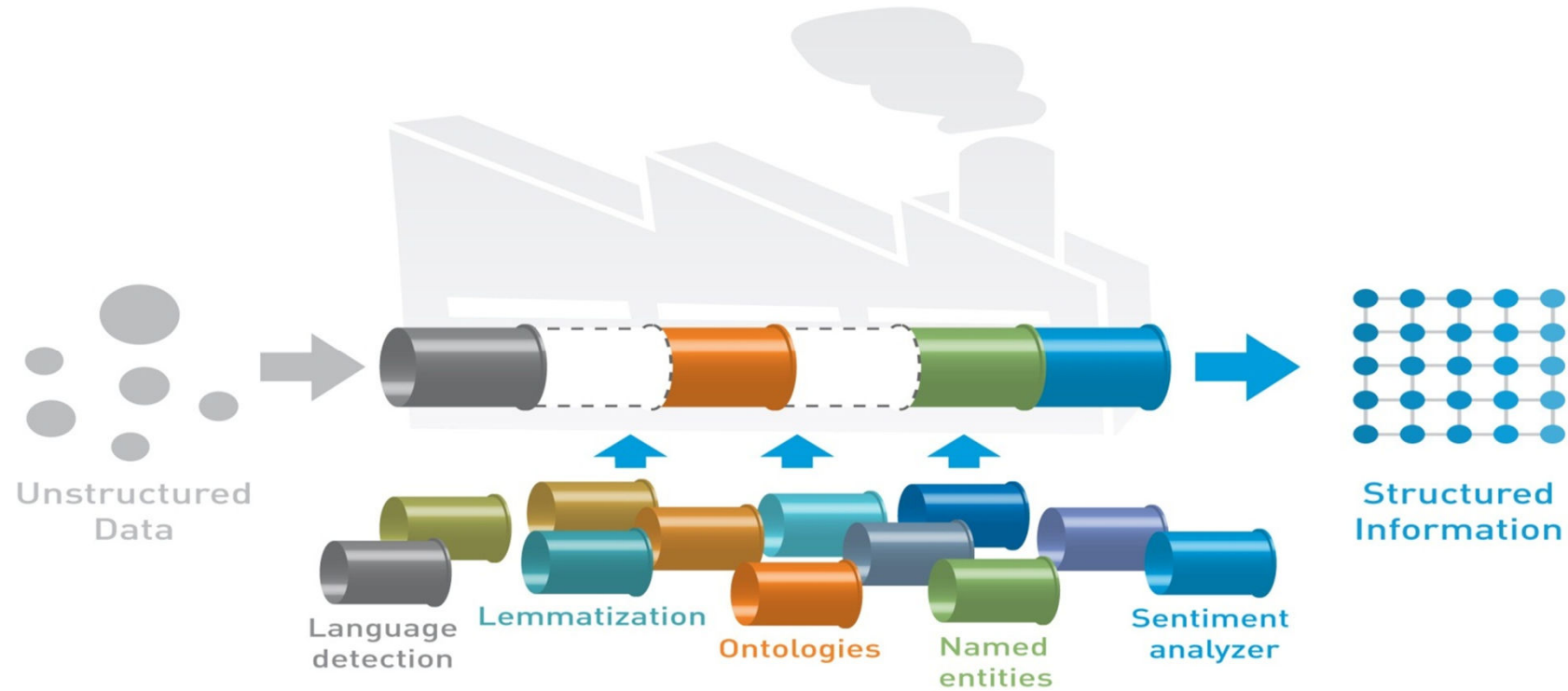
Aligns structured and unstructured data; processes billions of queries and executes complex analytical computations at sub-second rates

- **CloudView Mashup Builder**

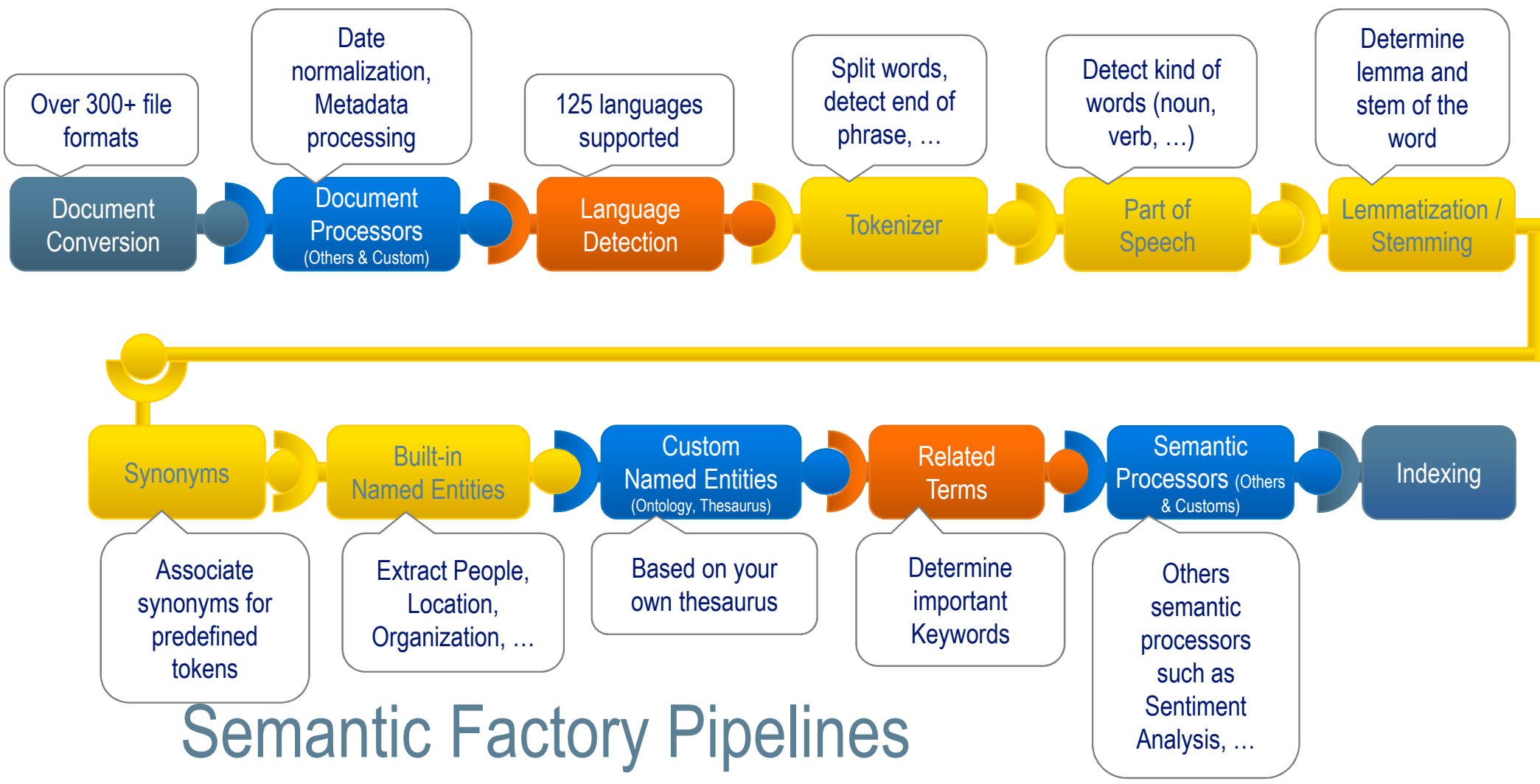
Enables rapid, drag-n-drop creation of consumer-style dashboards and business applications

# Semantic Factory

Build processing pipes that fit your needs



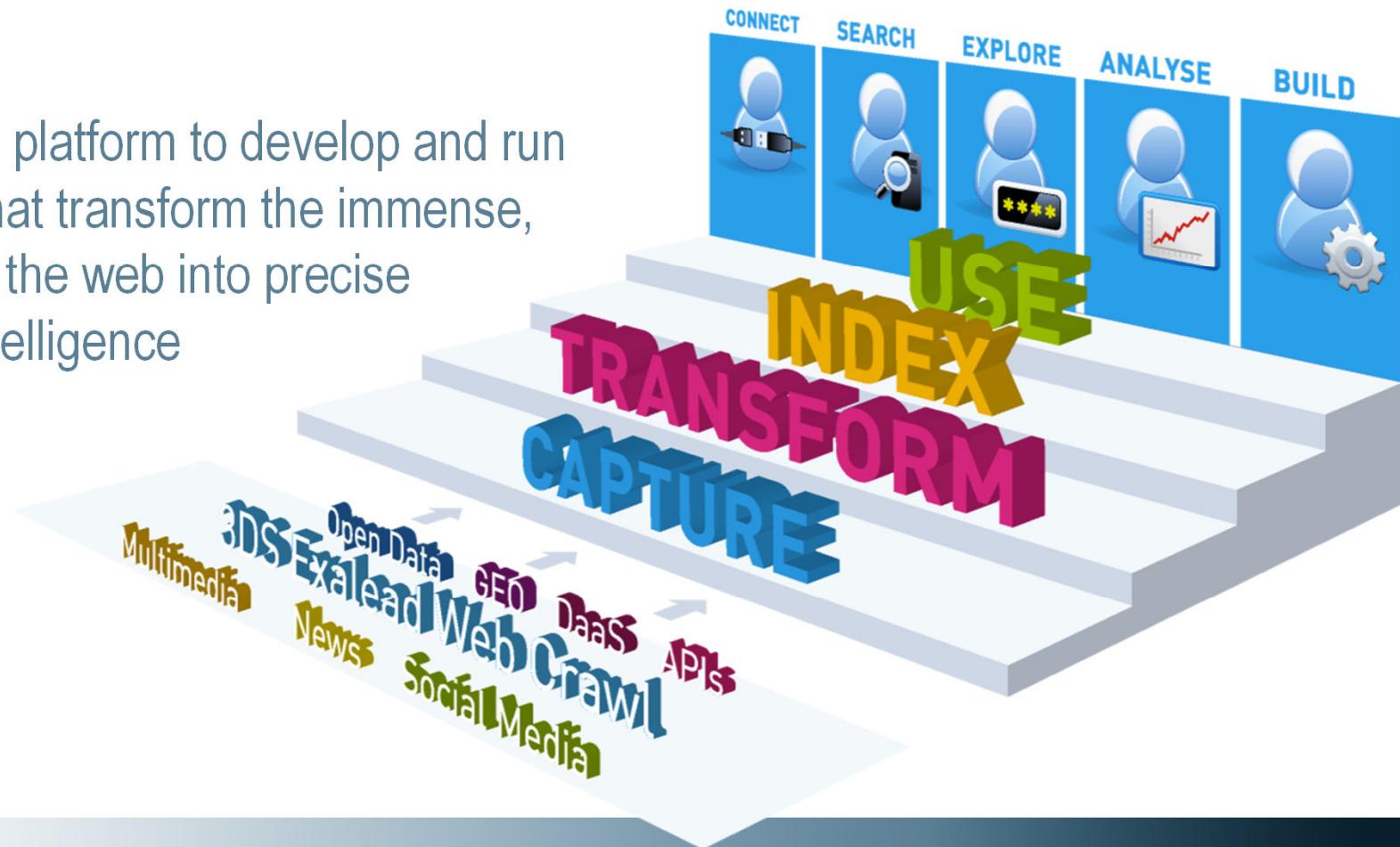
Used at **index** time and at **search** time



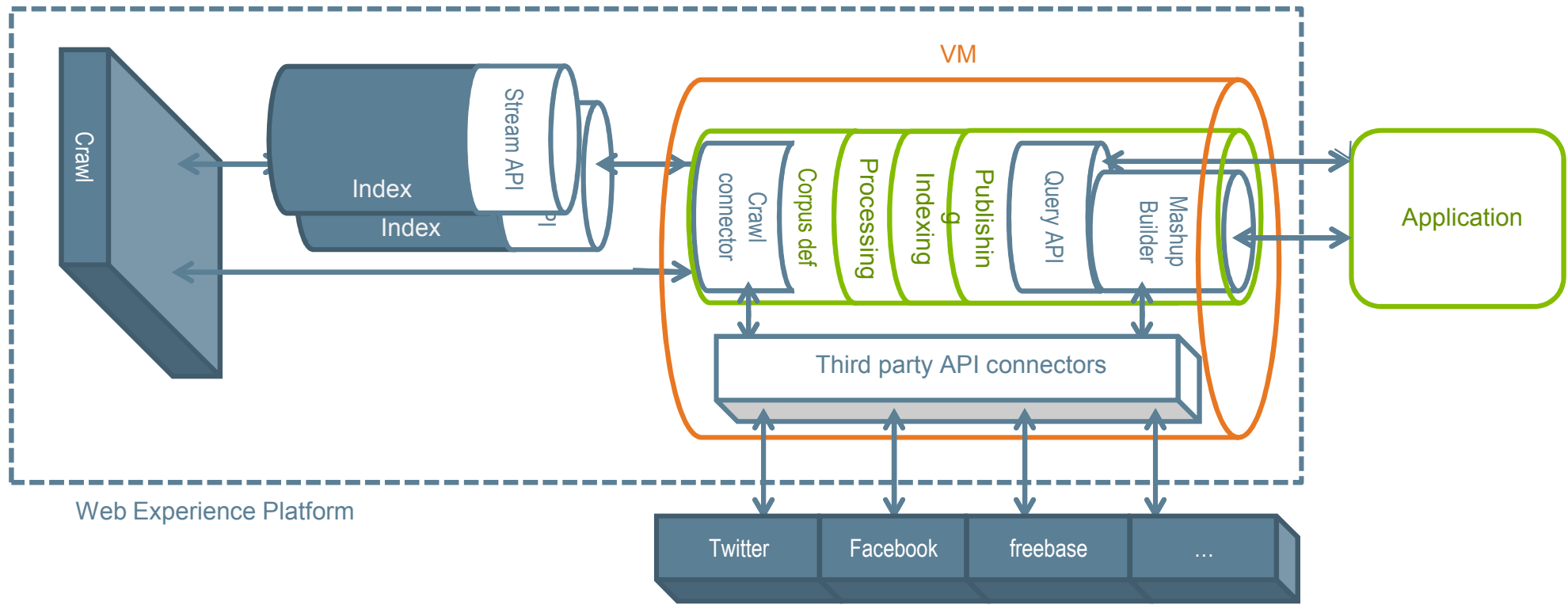
# Semantic Factory Pipelines

# What is it?

- ▶ The first cloud platform to develop and run applications that transform the immense, noisy world of the web into precise information intelligence



# EXALEAD Web Experience Architecture



# Applications

- ▶ Develop or enrich consumer apps and citizen services based on public data
- ▶ Enhance on-premises solutions with external Web content (CRM, BI, PLM, SCM)
- ▶ Produce Web-based business intelligence (reputation analysis, market intelligence)
- ▶ Expand discovery with Web intelligence (fraud detection, legal discovery, law enforcement, terrorism prevention)
- ▶ Conduct research in areas such as text mining, predictive analytics and data visualization

The screenshot shows the Restminer interface for the restaurant 'Becco'. At the top, there's a search bar and a 'Search' button. Below that, the restaurant's name 'Becco' is displayed with a 4.5-star rating and address: '305 W 40th St, New York, NY 10018, USA'. A map shows the location. The 'Overview' section includes a 'Review' snippet and a 'Most viewed comment'. A 'Blogger entries about Becco' section lists recent articles. An 'Opening Hours' table is provided:

Day	Time
Monday	5pm - 12am / 12pm - 3pm
Tuesday	5pm - 12am / 12pm - 3pm
Wednesday	5pm - 12am / 12pm - 3pm
Thursday	5pm - 12am / 12pm - 3pm
Friday	5pm - 12am / 12pm - 3pm
Saturday	5pm - 12am / 12pm - 3pm
Sunday	5pm - 12am / 12pm - 3pm

The 'Details' section lists payment options (AMEX, Diners Club, Discover, MasterCard, Visa) and chef information (William Gallagher). A 'People sentiments' widget shows a 'good' sentiment with a 'good' sentiment score. Other sentiment widgets include 'delicious', 'great', 'wonderful', 'crowded', 'disappointed', and 'unlimited'. An 'About Italian cuisine' section is also visible at the bottom.



