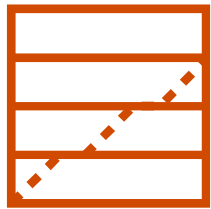


Problem Statement:

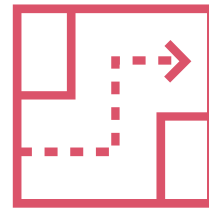
There is an information overload

It is crucial for investors like asset managers, venture capital and private equity firms to keep a grip on the tsunami of data that can impact valuations of their investments



Targeted information

Missing relevant news is a **risk** and showing **irrelevant** news can lead to **additional cost**



Time is of relevance

As soon as a relevant event happens, it is important to **retrieve this update**



Manual effort is high

A manual news screening is **very time consuming** and the effort is **disproportional** compared with the insights gained

Our Solution: PwC Enterprise News Radar

Automation of the news scanning process and the relevance evaluation of news events. This results in efficiency gains and a higher quality due to the completeness of the scanning process and the structured, auditable and tool supported impact analysis.



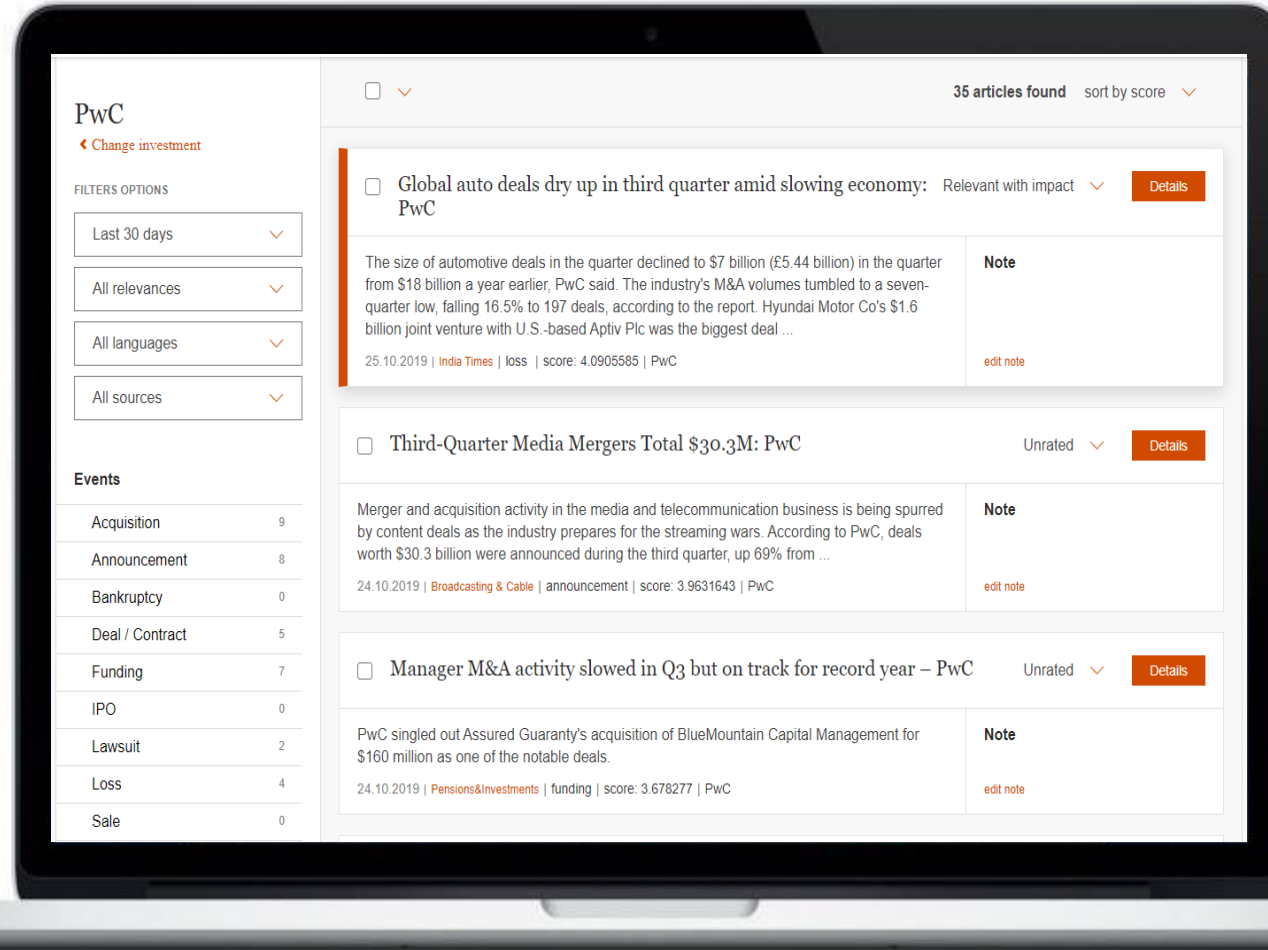
Enterprise News Radar



Automatic news scanning using public and premium news sources



Transparent filtering rules using pre-defined event types such as acquisition or loss



Comprehensive search for aliases and subsidiaries and multiple languages



Scalable and reliable cloud architecture based on Microsoft Azure

From unstructured data to relevant insights

Step 1: Data ingestion

First, we need to go through a screening, identification and acquisition of external and internal data sources.

Golden source with up-to date information from internal and external sources

Step 2: Information extraction

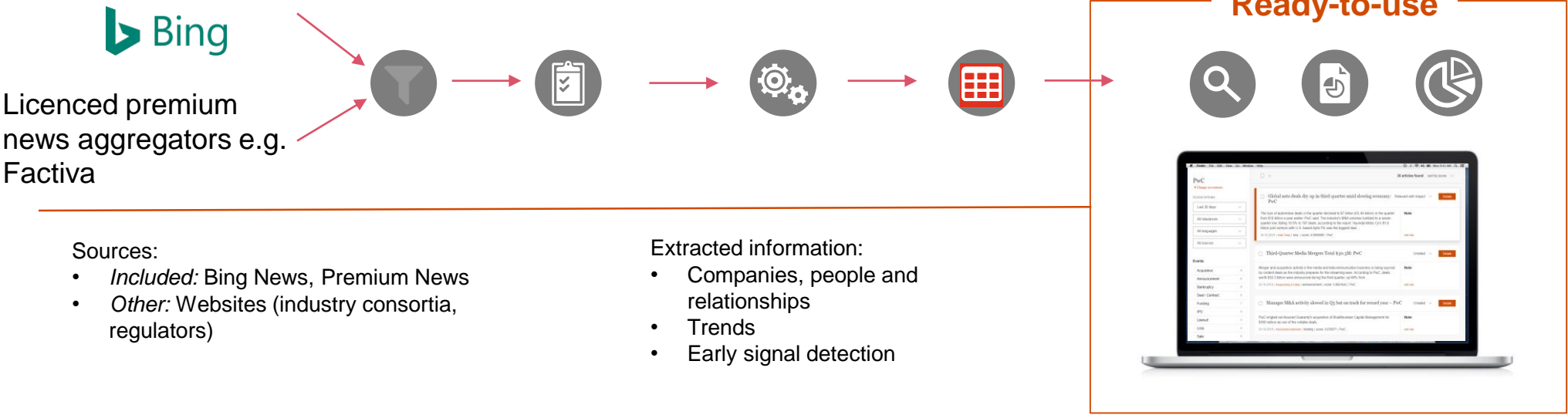
Then, entities and relationships are extracted, thereafter documents are enriched with meta data.

Key information extracted from (unstructured) data via cognitive technologies – natural language processing

Step 3: Search interface

Efficient and targeted information access is granted by showing relevant news- the news are grouped by similarity and ordered by customized relevance scores.

Search and insight platform for expert users with automatic, standardised and individualised self-service reporting



Combining the best of PwC and Microsoft for intelligent enterprise event monitoring

Premium News



Integration of
licenced news

Public News



Bing News

Security



Key Vaults

Computation



App Services

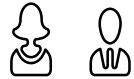


App Service Plans



Function App

Business Intelligence



Custom built
relevance score



AI & ML

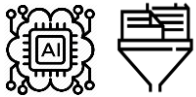


Cognitive Services



Azure Search

AI & NLP



News Filtering,
Grouping, Sorting

Deployment



Container Registry



Azure DevOps

Storage



Cosmos DB



Blob Storage



Queue Storage

FILTERS OPTIONS

Last 30 days



All relevances



All languages



All sources



Events

Acquisition 9

Announcement 8

Bankruptcy 0

Deal / Contract 5

Funding 7

IPO 0

Lawsuit 2

Loss 4

Sale 0



Global auto deals dry up in third quarter amid slowing economy: PwC Relevant with impact [Details](#)

The size of automotive deals in the quarter declined to \$7 billion (£5.44 billion) in the quarter from \$18 billion a year earlier, PwC said. The industry's M&A volumes tumbled to a seven-quarter low, falling 16.5% to 197 deals, according to the report. Hyundai Motor Co's \$1.6 billion joint venture with U.S.-based Aptiv Plc was the biggest deal ...

25.10.2019 | [India Times](#) | loss | score: 4.0905585 | PwC

Note[edit note](#)

Third-Quarter Media Mergers Total \$30.3M: PwC Unrated [Details](#)

Merger and acquisition activity in the media and telecommunication business is being spurred by content deals as the industry prepares for the streaming wars. According to PwC, deals worth \$30.3 billion were announced during the third quarter, up 69% from ...

24.10.2019 | [Broadcasting & Cable](#) | announcement | score: 3.9631643 | PwC

Note[edit note](#)

Manager M&A activity slowed in Q3 but on track for record year – PwC Unrated [Details](#)

PwC singled out Assured Guaranty's acquisition of BlueMountain Capital Management for \$160 million as one of the notable deals.

24.10.2019 | [Pensions&Investments](#) | funding | score: 3.678277 | PwC

Note[edit note](#)

Use Case: Investment Portfolio News Radar



- Workflow
- 1. Import Search Terms
- 2. Initiate News Search
- 3. Review Search Results
- 4. Export Results

FILTERS OPTIONS

All news Relevance Language Source

Search

Number of investments: 75

Number of news: 495

ABB	5
BMW	5
Daimler	8
Disney	0
IBM	12
Microsoft	1
Nestle	15
Tesla	2
Toyota	20