The possibilities of AI & Computer Vision In business

DATACADABRA

As a society
we have…

- more ambitions
- less potential employees
- more need for insight

The solution?

Our Solution:

The implementation of
Data Science and
Artificial Intelligence
to make your team more
efficient and sustainable.

Datacadabra strengthens organisations with AI

We do this by automating repetitive processes.

The result:
Companies become smarter and faster.
Employees can do their jobs more efficiently and safer.

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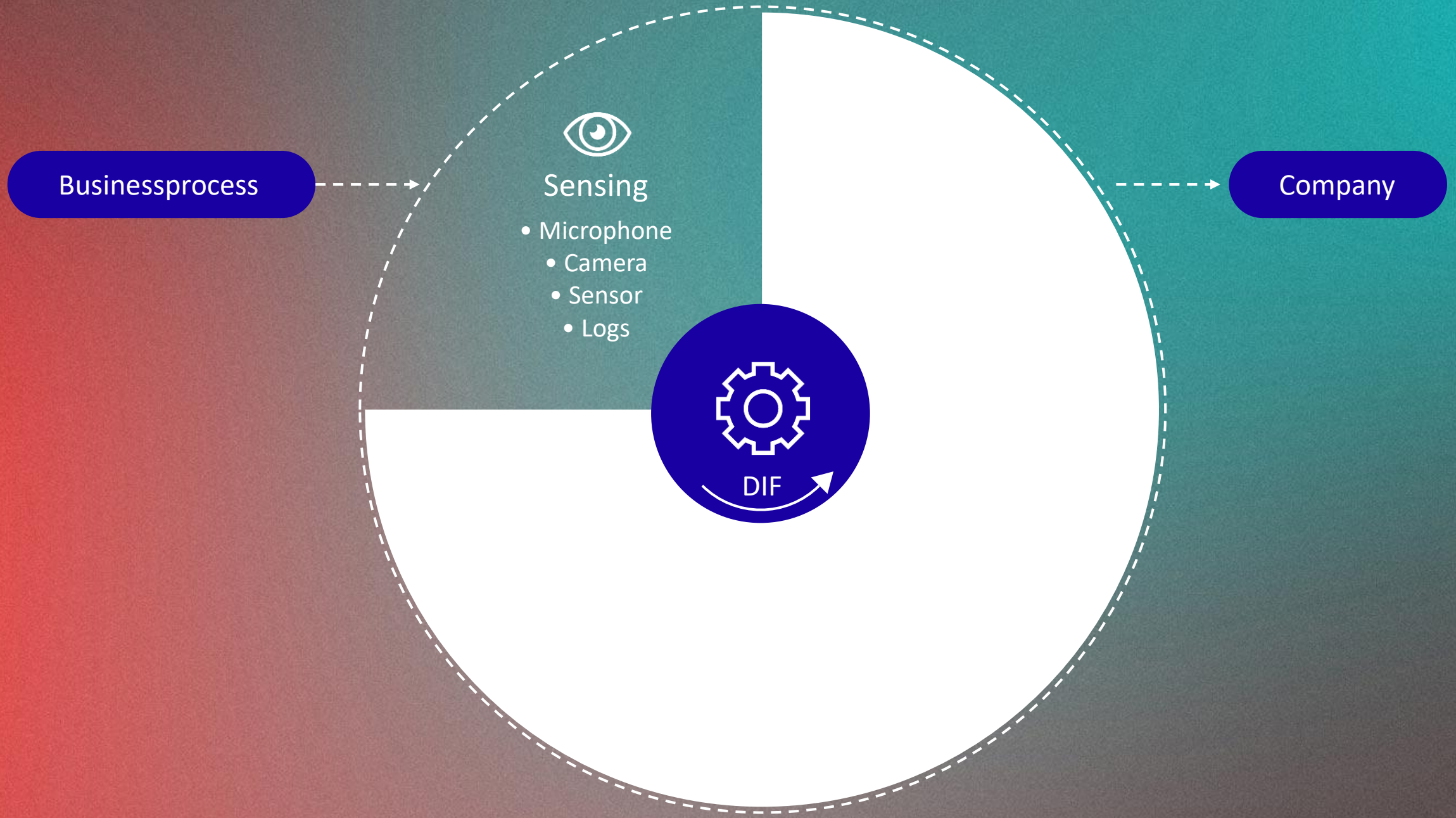
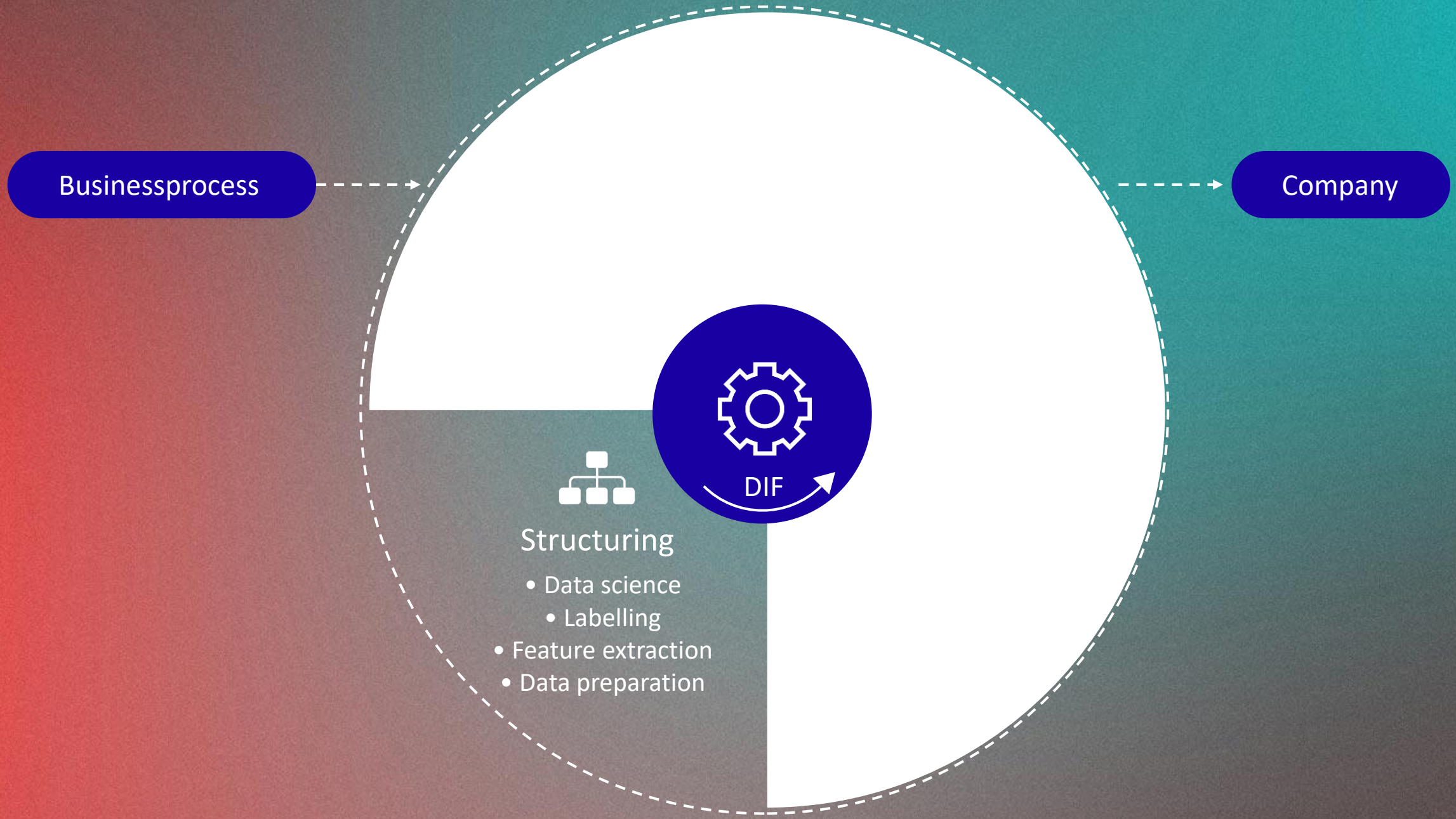
The Digital Intelligence Framework


Businessprocess
Sensing
• Microphone
• Camera
• Sensor
• Logs
DIF
Company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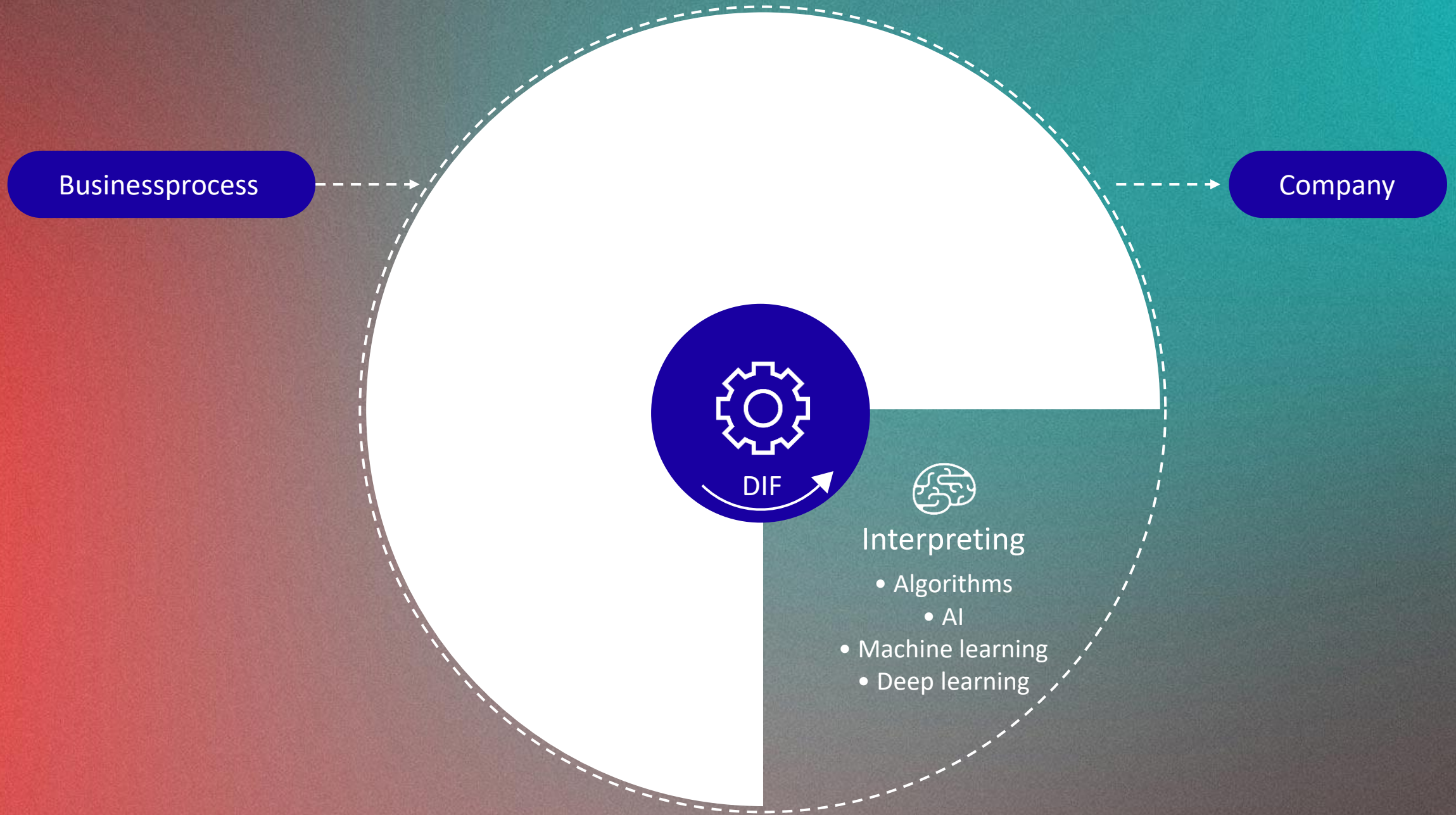
• Labelling
• Feature extraction
• Data preparation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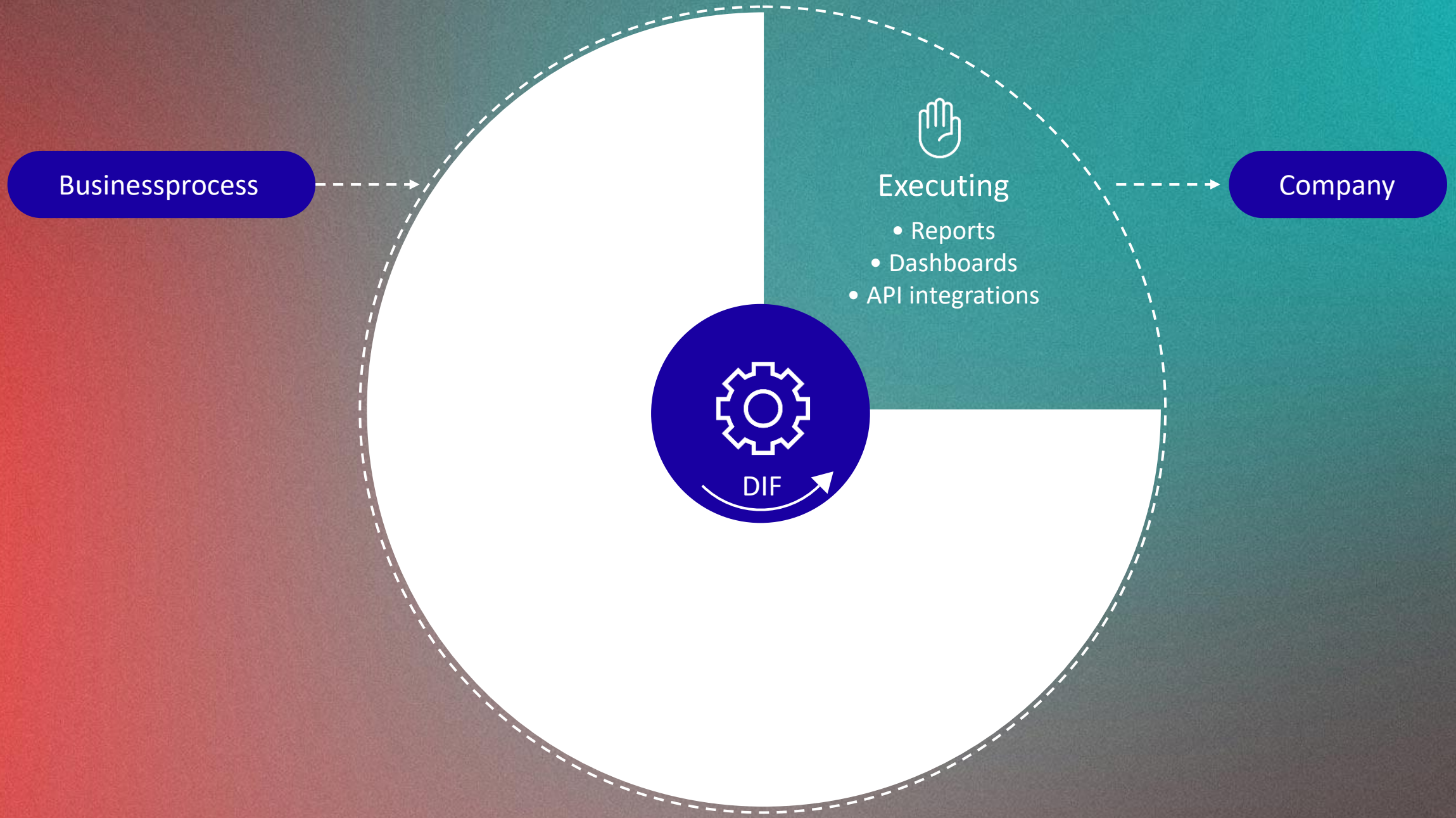
• Deep learning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• API integrations
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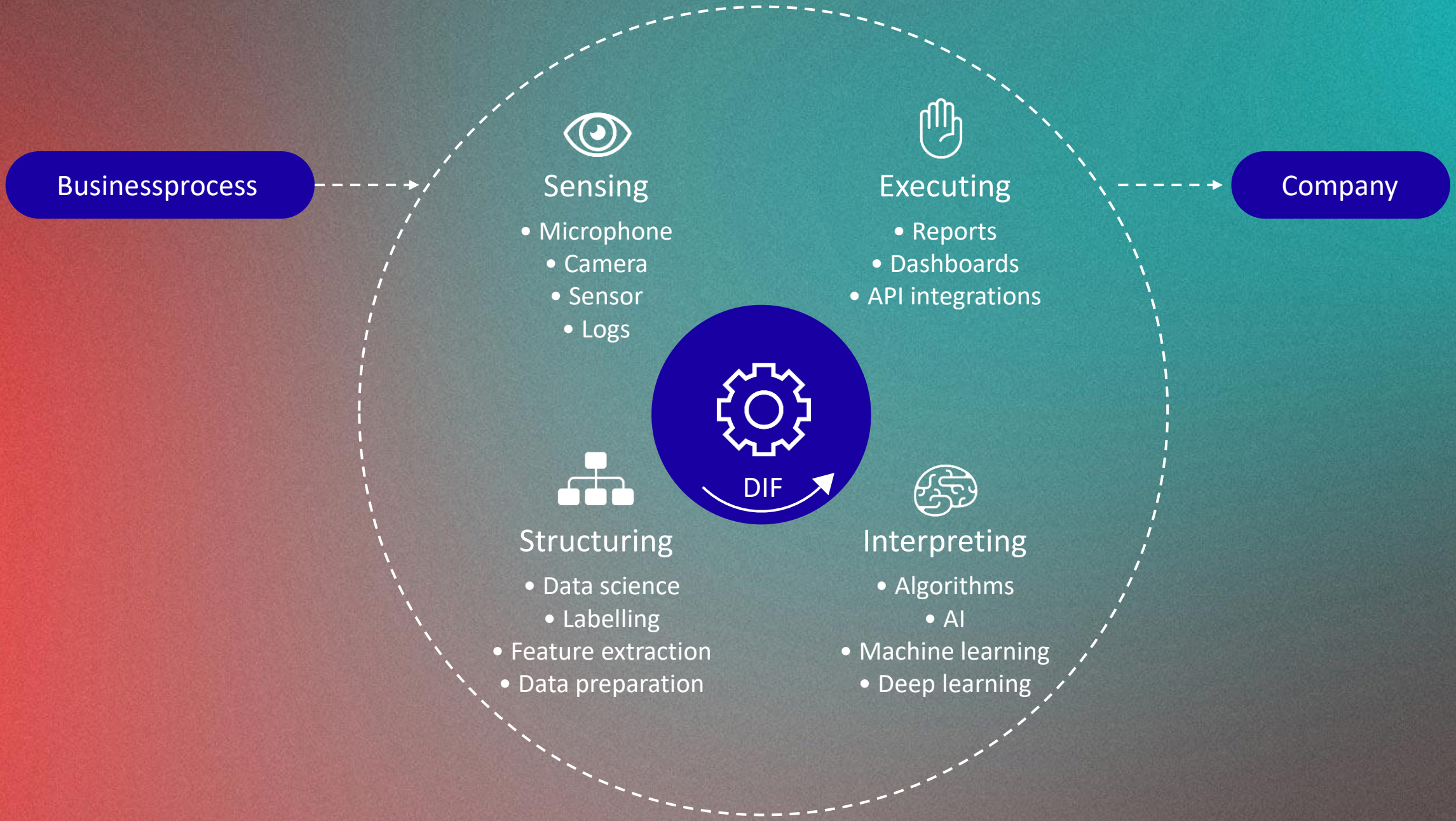
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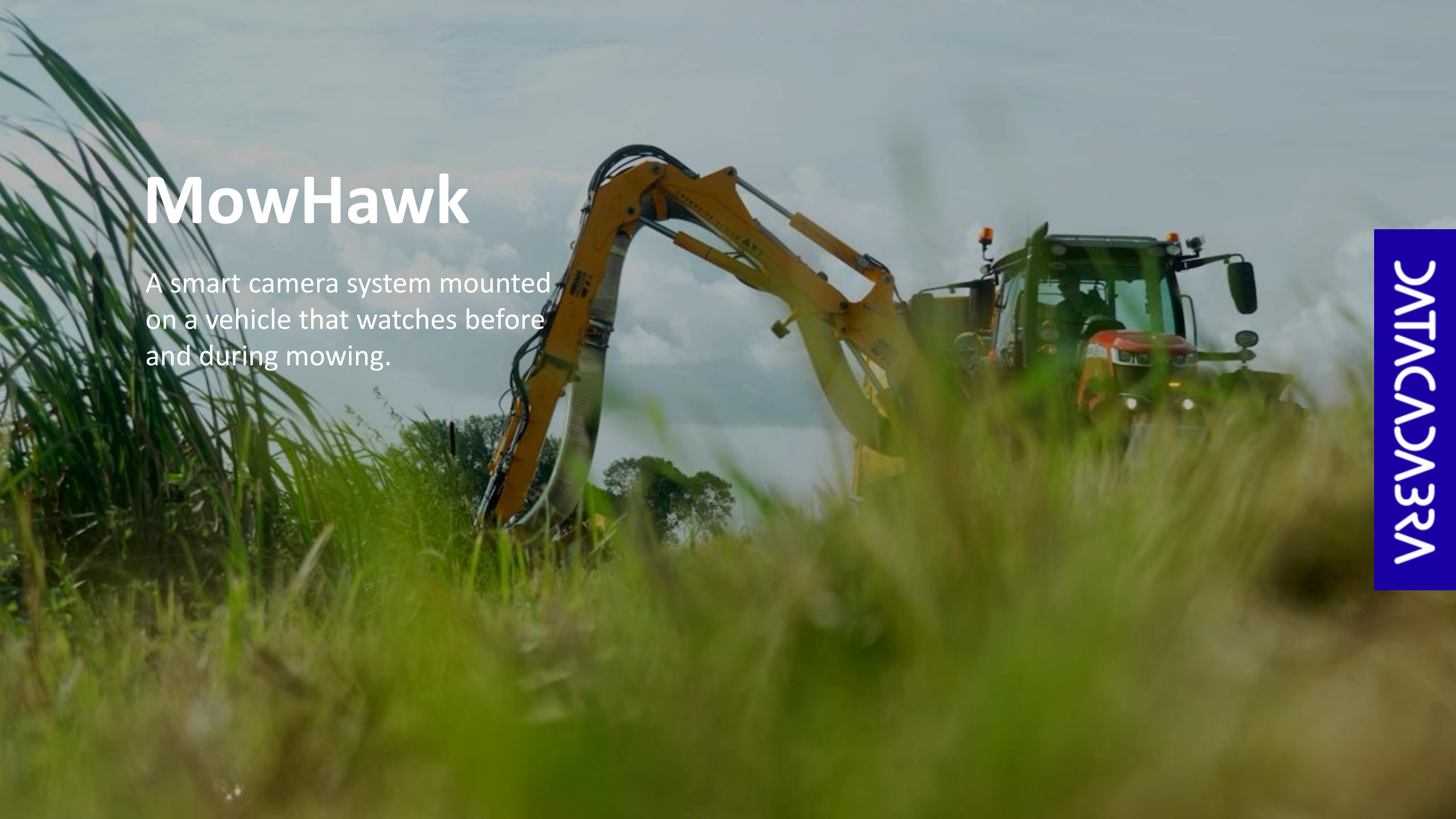
Cases Datacadabra



MowHawk

A smart camera system mounted on a vehicle that watches before and during mowing.

Invasive plantspecies detection

Datacollection of waterways
using drones in combination with
computer vision and
locationplotting

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Speedtraps on waterways

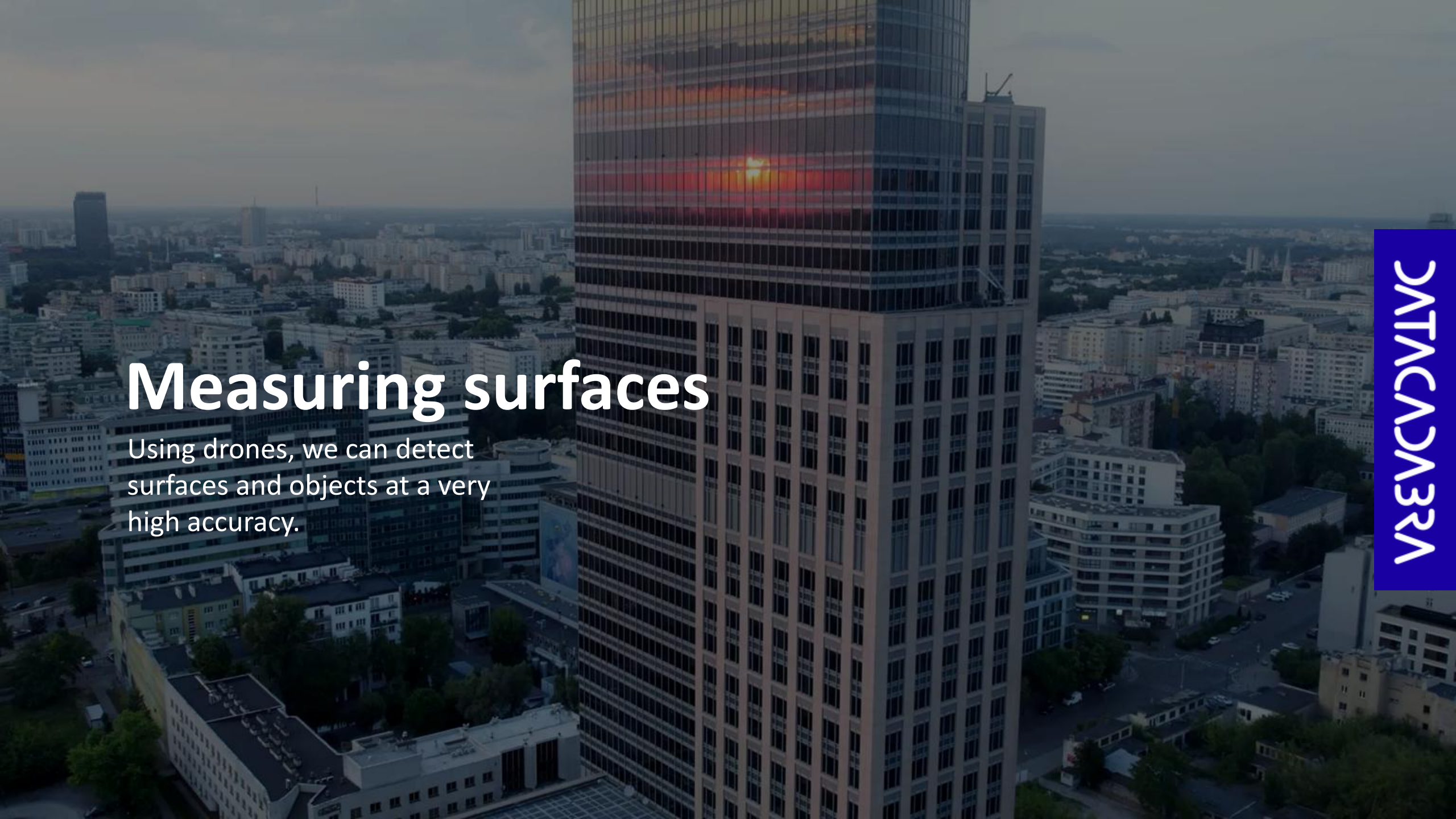
Data collection of the waterways by drone and radiographic sensors, incl. location and orientation sensors data.

Waste streams:
Detection on processing sites

By using computer vision and anomaly detection, the amount of pollution in waste streams can be determined, whilst also categorizing hazardous materials

Waste streams: Detection of pollution and quality control

Within the entire supply chain we detect (hazardous) pollution in freights, so that safety and quality can be guaranteed.



Measuring surfaces

Using drones, we can detect surfaces and objects at a very high accuracy.

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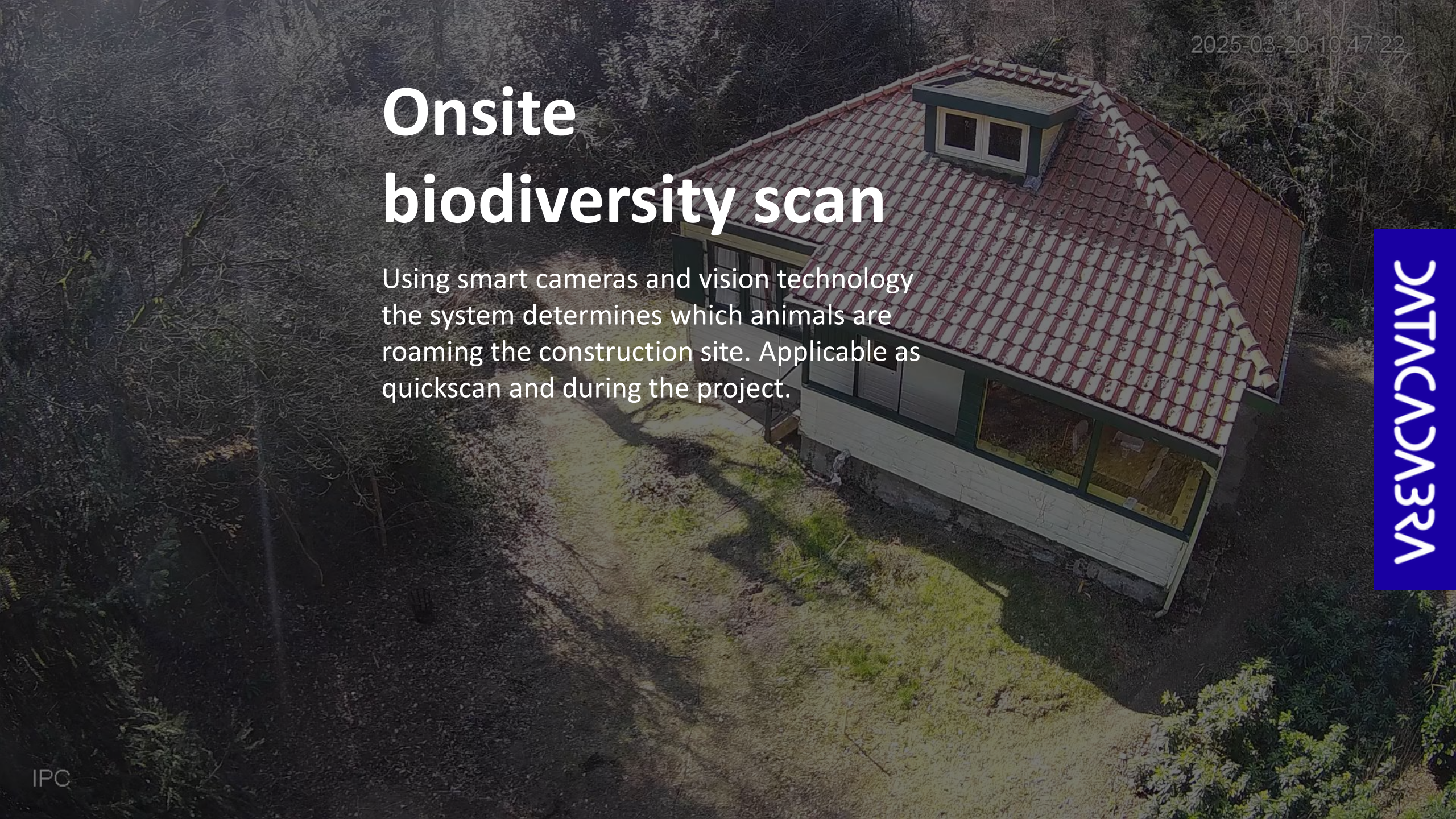
Smart C02 measurement

Using vision technology and data scraping the site is being scanned for vehicles and license plates. Depending on domestic of foreign registration the relevant emission data is combined with the registered time on sight resulting in a general C02 overview



Onsite biodiversity scan

Using smart cameras and vision technology the system determines which animals are roaming the construction site. Applicable as quickscan and during the project.

Smart waste quality control

With a camera focused on the waste container a determination can be done of the quality of waste. Waste and debris will be categorized in order to be more cost efficient. Hazardous materials as asbestos and gas tanks will also be taken in account

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