



## **Project description**

Minimizing animal welfare risks through real-time analysis of camera feeds and on-site sensors.

## **The case**

Over the past few years there have been a multitude of animal welfare issues at slaughterhouses. As a result, the confidence in the human aspects of this process has declined.

Argus seeks to strengthen monitoring by introducing an automated analysis on the camera feeds in the facility and introducing a variety of sensors to analyze sound and gasses and more.

## **Fields of research**

This field of application is young and innovative. We have experienced that introducing a new type of sensor or analysis can result in valuable new takes on animal welfare through unexpected approaches.

Sensors in the facility include among other things camera's, microphones, and equipment usage sensors. One of the challenges is to combine all data to comprehensible overviews for supervisors to monitor post-production.

Another challenge is to detect possible risk increases for animal welfare in real-time. Detecting a new type of indication of animal discomfort can either require a new type of sensor to be introduced or an innovative analysis. Some examples of this are pattern matching of sounds, movement analysis of animals and analysis of successful sedation.

## **The company**

Argus Computer Vision is a software development company in Epe. We aim to build an objective reliable addition to human monitoring in slaughterhouses and spread this technology as wide as possible.

Read the full story on [www.argus.cv](http://www.argus.cv)

Do not hesitate to contact us to explore any possibilities.

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