

Success case



GALACTEUM
rediscovering the milky way

Access control using Deep Learning



The use case >

Galacteum wanted to automate the access control in its facilities without adding any additional infrastructure while taking advantage of the existing security cameras.

The challenge was to ensure the highest level of certainty/accuracy of license plate readings of light and heavy vehicles despite the distance, variety of angles, movement, and atmospheric conditions.



Readings from different angles



Use of existing cameras

Benefits of the solution ▶



Use of an existing camera infrastructure



High accuracy in extreme operational conditions



Lower hardware costs



Safe process automation



Portal camiones



Portal camiones



Interior portalon camiones



Results

With an accuracy rate of 97.4% during the test phase, AllRead proved its robustness with low- and middle-range cameras under a variety of atmospheric conditions, light variations, dust, different distances, etc.

Hardware-agnostic and independent from the existing information system. AllRead was successfully installed on Galacteum's existing infrastructure.