

Truly Outstanding Asset Management

Object Tracking on Apron

Fully GDPR Compliant

No HW Installation

No Tracking Effort



IMPLEMENTATION

December 2021

Manage Towed Transport Units with Scalable Image Recognition

Your Challenge

- You need to manage your **towed transport units** and **containers** over an extended operation area
- **Localization** and **type classification** are critical to improve your operational efficiency
- Limited transparency on status and **availability** of your asset base hinders your operations

Our Solution

- **High-resolution cameras** to cover your operation area for asset detection
- AXULUS AI Vision Framework **detects** and **classifies** wagons and provides status KPIs
- Cloud based application with User Interface **customized to your needs** and requirements

Your Value Add



Non-Invasive

Easy to install
No mountings on assets
No operations impact



Full Asset Transparency

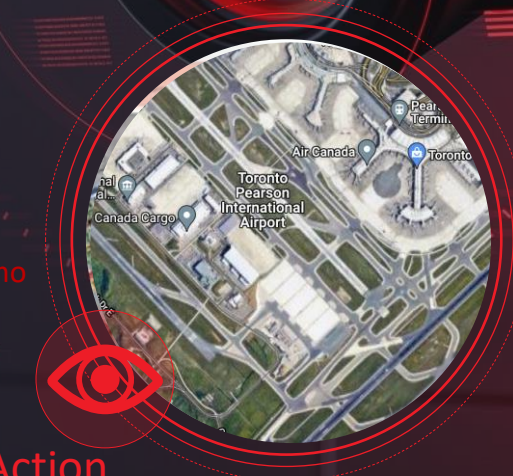
Count and classifies asset types
Provides real-time status
UI customized for your Needs



Economic Subscription Model | AXULUS Scalable

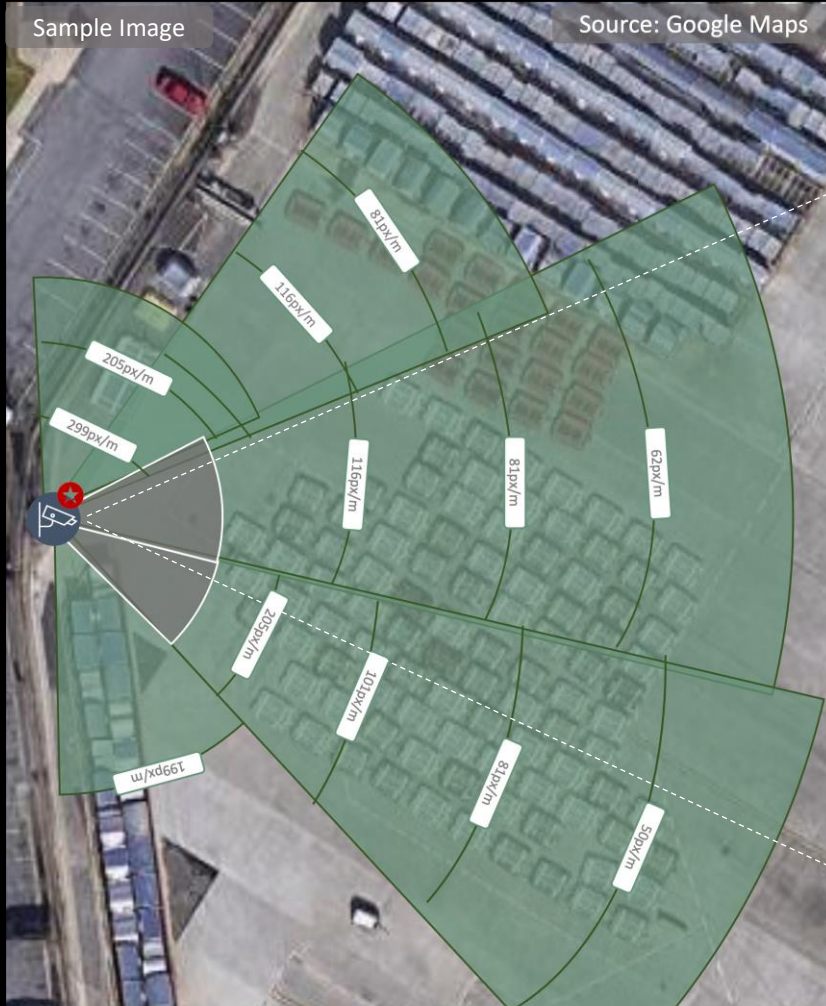
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AXULUS Solution Templates scalable for multi site usage

Click Picture to watch Demo Video



See it in Action

Camera Selection and Parking Place Example



How we Implement

Installation by your Preferred Service Provider



AXIS P1378-LE

- -40 °C to 60° C
- Resolution 3840x2160
- Housing protected against water, corrosion and dust. Prevents mirror effects

suggested



AXIS Live Privacy Shield

Versatile dynamic privacy masking

Works for >120m distance

Works in Fog, Rain, Darkness

Is Fully GDPR compliant




The Application for your Ground Handling

Kamera 2 **Kamera 3** Kamera 4 Kamera 5 Kamera 1

Warning!
This wagon contains luggage. Please check if air traffic is waiting

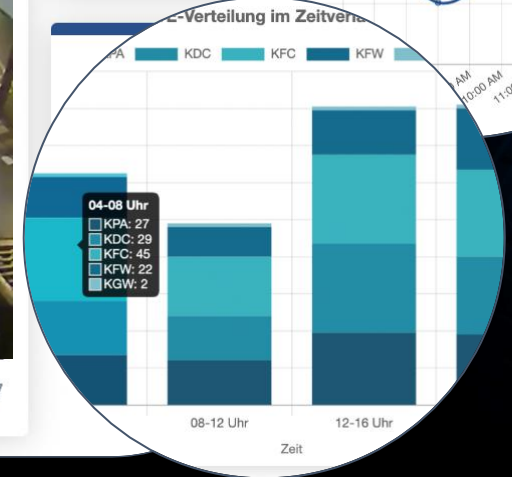
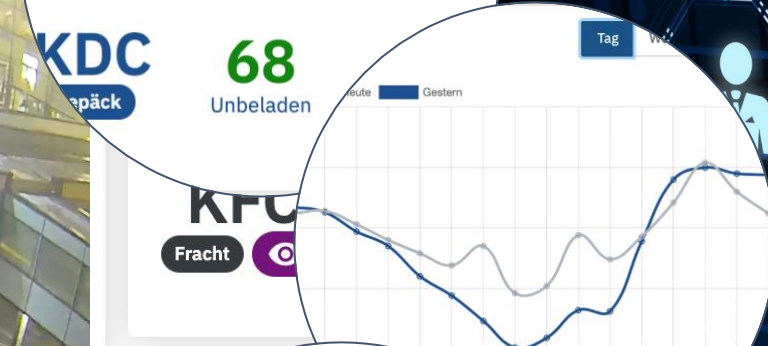
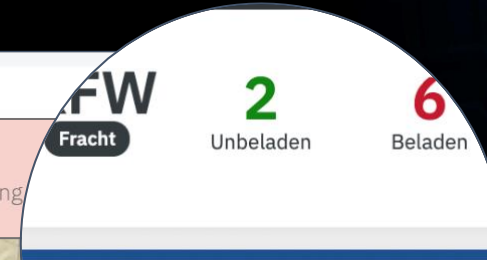
Sample Image



Source: <https://www.webcamtaxi.com/en/poland/pomeranian/gdansk-airport.html>

Legende: In dieser Kamera gezählt In dieser Kamera nicht gezählt

13.12.2021 11:29:27



Measurable Success for Your Operations

No more Empty Runs

No more Control Runs

Less Risk for Airline Delays

Efficient Planning of Staff and Assets



We are proud to work with FRAPORT



Wir sind weltweit aktiv

und setzen Standards



Our Joint Ambition

FRAPORT set-up a dedicated team to drive Digital Innovation across the complete company (including 30 Airports) and is asking for concrete, scalable Use Cases and Solutions to improve operations.



AXULUS Contribution

Based on the AXULUS AI Vision Framework we jointly configured a solution that allows AI based dolly management on the apron, considerably reducing search times for apron operators. Implemented as an AXULUS template, this can now be scaled across multiple sites and airport.



AX Vision Framework powered by AXULUS SCALING THE FUTURE



Click Pictures
to see Reference



**Lift your Apron
Operations to the Next
Level. Visit us Now!**



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