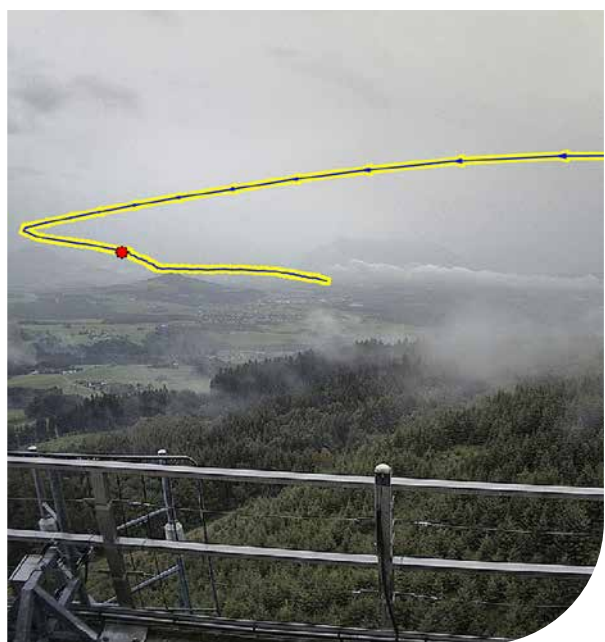
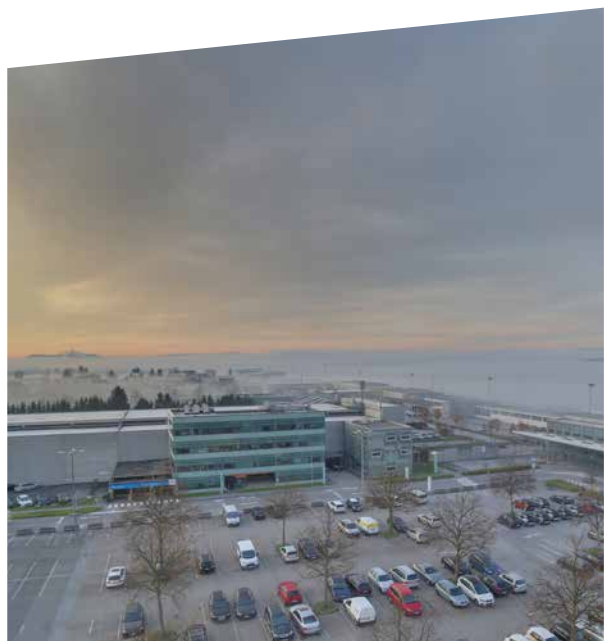




# VisCam – Camera-based Visibility Measurement

Automated representation of complete visible range





## The Task

- Automated evaluation of visibility and distance for every single camera
- Using all suitable cameras for getting a complete representation of visibility at your location

## Your Benefits

- Frequently updated information about visibility
- Plausibility check of local visibility sensors
- Less stress for operators in critical situations

## Capabilities

- Works with off-the-shelf cameras
- Measurement of visibility and distance
- Can deal with various weather and daylight situations

## Integration

- Customized solution for your specific airport requirements
- Can be integrated into existing surveillance systems
- Customized and standard reporting (e.g. METAR)

## A Word from Our Customer



**Markus Kerschbaum**  
Austro Control

*“Plausibility checks of our sensors have always been crucial for us – VisCam is the solution for that. Furthermore it is an important step towards automatization.”*



**Stefan Mayer**  
Austro Control

*“VisCam supports operators in their routine workflow in an optimal way and is essential for remote observation.”*

## Customer Scenarios



**Airport Visibility**

- Prevailing visibility
- Ground fog detection
- METAR plausibility check



**Approach Monitoring**

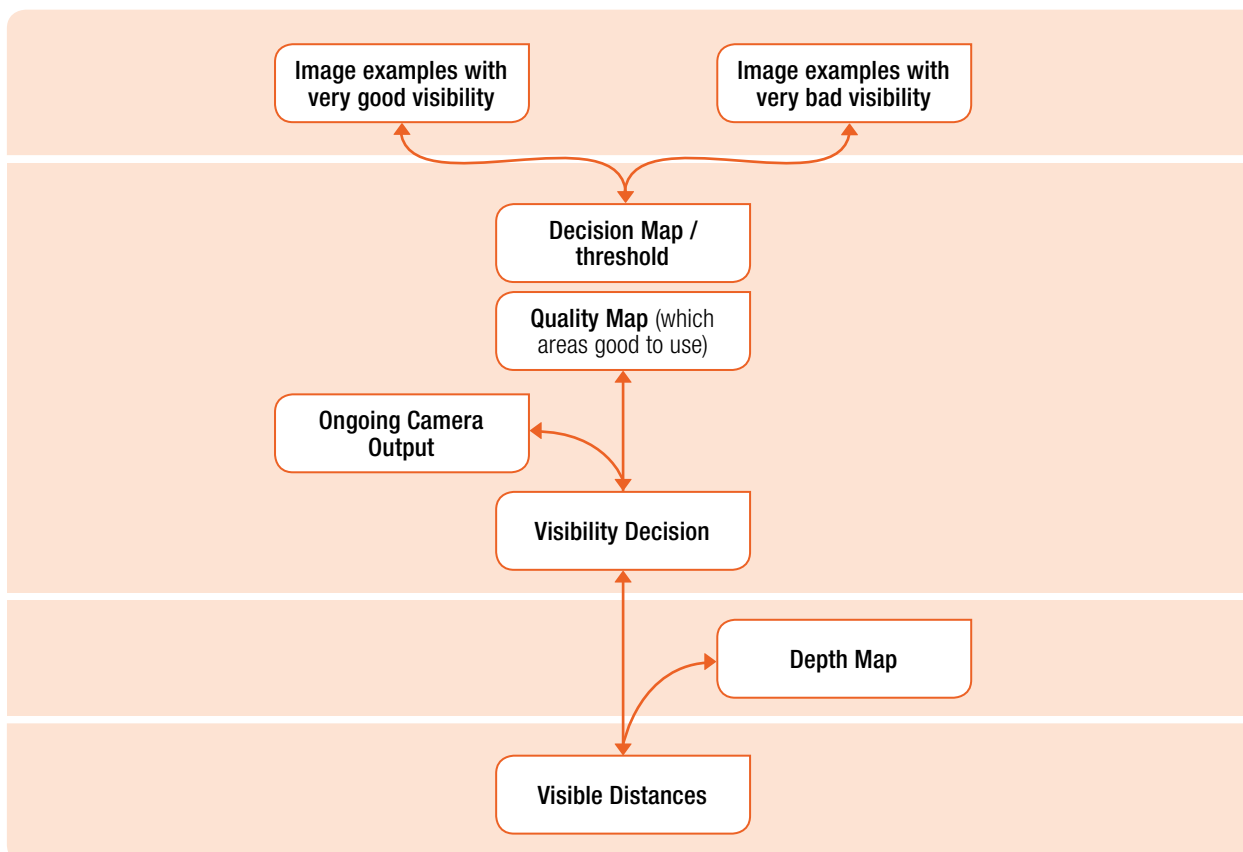
- Air traffic control clearance for a visual approach
- Observing hidden parts of approach (e.g. behind mountains)
- Mapping the approach into different surveillance camera images



**Critical Infrastructure**

- Road visibility for traffic control systems
- Industrial monitoring
- Monitoring of large harbours for port piloting

## Technical Details



VisCam has been developed on the basis of several research projects within the Austrian funding programme TAKE OFF.

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