SEE MEASURE UNDERSTAND

High-precision measurements in aerial images
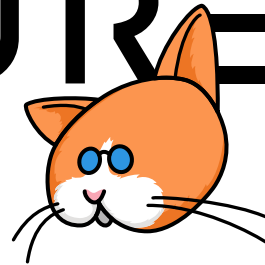
WITH **THE** WEBTOOL FOR PHOTOGRAMMETRY

THE
MEASUREE

Introduction

The product

THE MEASUREE

DAS TOOL FÜR PHOTOGRAMMETRIE

The producer

AVT Airborne Sensing

- Part of the AVT Group (Headquarters Imst, Tirol)
- Aero Photogrammetry
- Survey flights throughout Europe including data processing
- Special solutions for corridor recordings

The developers

Dr. Klaus Legat
Photogrammetry & Mathematics

k.legat@measuree.net

Joachim Legat
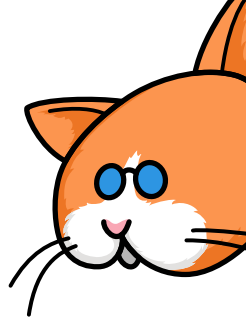Development & Design

j.legat@measuree.net

MEASUREE

SEE MEASURE UNDERSTAND

Claim

- High-precision measurement in aerial photos

- Intended for surveying experts and "laymen"
  (e.g. municipal departments, construction companies)

- Made for single head cameras (Measuree Versatile) and
  multiperspective camera systems (Measuree Classic)

- Simple, intuitive and efficient

Application examples
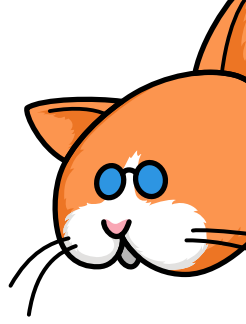
Local, urban and
regional planning

Inspection and assessment
of existing buildings

Municipal
utilities

Road administration

Green space and
environmental issues

Geometry-based
tasks

Measuree Versatile for single head cameras

Measuree Versatile for single head cameras

Measuree Classic for multiperspective camera systems

Important features

- **Hierarchical data model** (points, objects, layers)

- Automatic calculation of **distances** and **areas**

- Display of **measurement uncertainties** (reproduction errors, cutting angles)

- **Object declassification** (blackening, blurring)

- **Import/Export** (geojson, DXF, Shape, CSV)

- Undo/Redo, drag & drop, keyboard shortcuts, context menus

- Flexible layout, support for **multiple monitors**

- Multilingualism (en, de, it)

Specific strengths
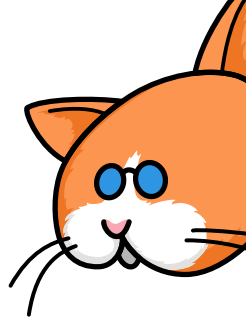
- Comparison of different flights **(construction changes)** including synchronization

- Individual **interfaces** to third-party applications (e.g. Web-GIS) or databases

- Continuous development (considering **customer request**)

Advantages
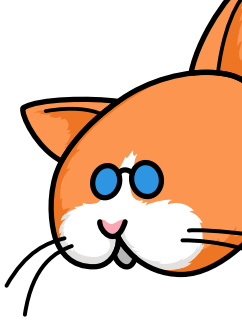
✔ **More cost-effective** than on-site surveying

✔ **Efficient mapping** in complex image groups

✔ **No installation** on the user's computer (web application)

✔ **No expensive expert hardware** required

(e.g. photogrammetric stereo evaluation station)

Customers and projects
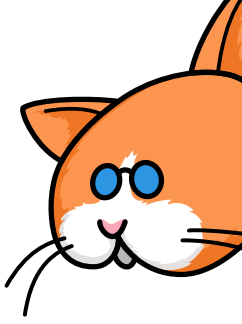
- City of **Graz** (2022, 2019, 2015, 1968)
- Land registry office **Luxemburg** (entire country)
- City of **Ferrara**
- City of **Landau**
- City of **Telfs**
- > 30 drone projects for different customers

As of February 2024

MEASUREE

Please contact for

Live presentations
Online demos
Product videos
Whitepapers

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