



Presentation CycloMedia



Facts & Figures



THE WHOLE OF
THE NETHERLANDS
IS RECORDED IN
IMAGES EACH YEAR

140



ENTHUSIASTIC AND SKILLED
EMPLOYEES

2,000,000
KILOMETERS



OF 360° PANORAMIC
PHOTOS (CYCLORAMAS)

170,000
KILOMETERS



OF ROADS IN THE
NETHERLANDS
YEAR AFTER YEAR



> 50,000,000
IMAGE RECORDINGS
PER YEAR



30+
CARS & RECORDING
SYSTEMS



> 500,000
CLICKS PER WEEK



> 3
PETABYTES OF DATA
IN THE CLOUD



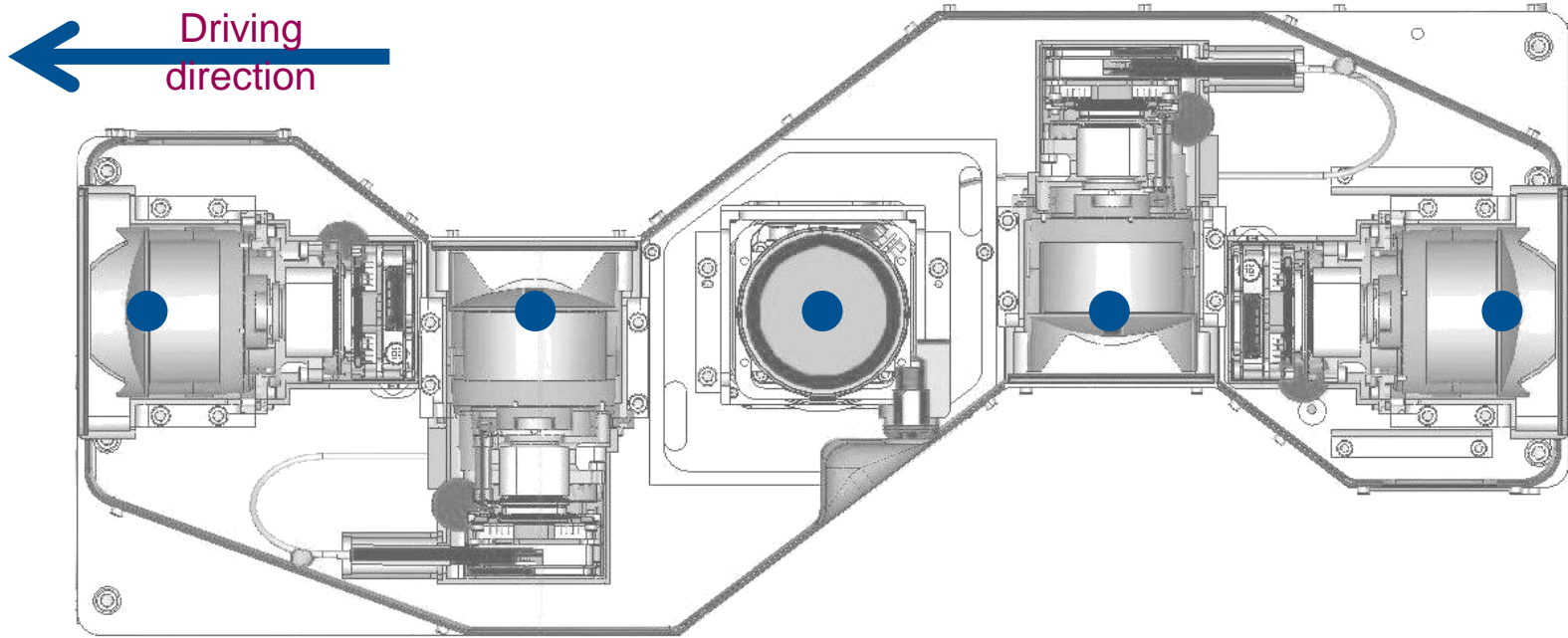
> 800
PROFESSIONAL
CUSTOMERS IN THE
NETHERLANDS
AND ABROAD



Present recording system: DCR10



Mobile mapping - the entire chain of the RECORDING PRINCIPLE



1. Front

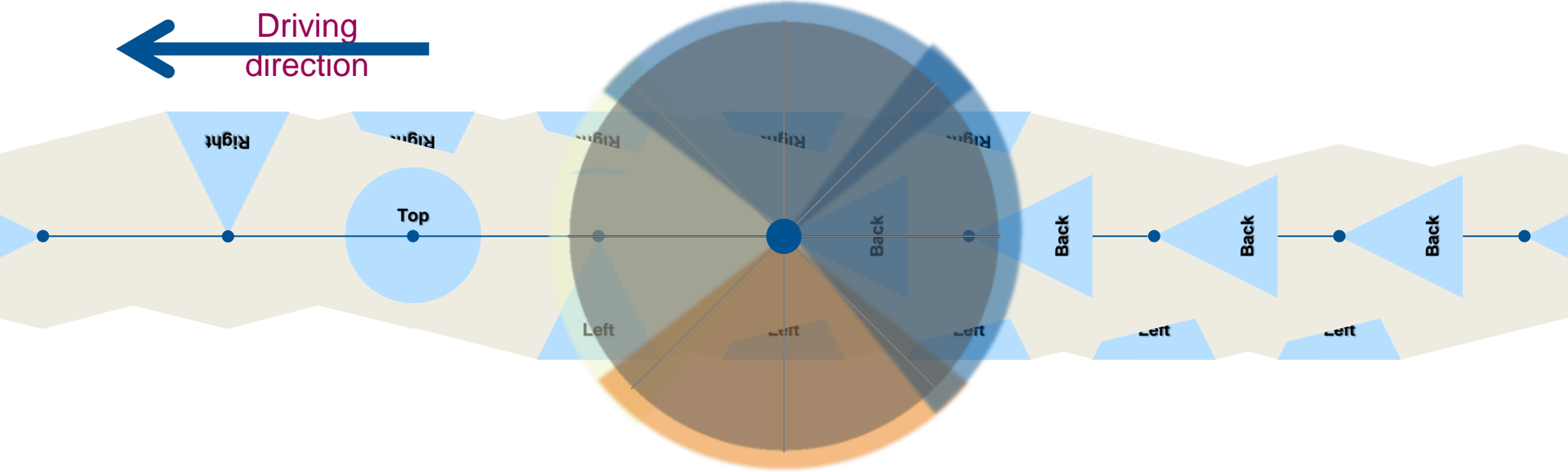
2.
Right

3.
Top

4.
Left

5. Back

Mobile mapping - the entire chain of the RECORDING PRINCIPLE



1. Front

2. Right

3. Top

4. Left

5. Back

Cycloramas

360° panoramic street level images

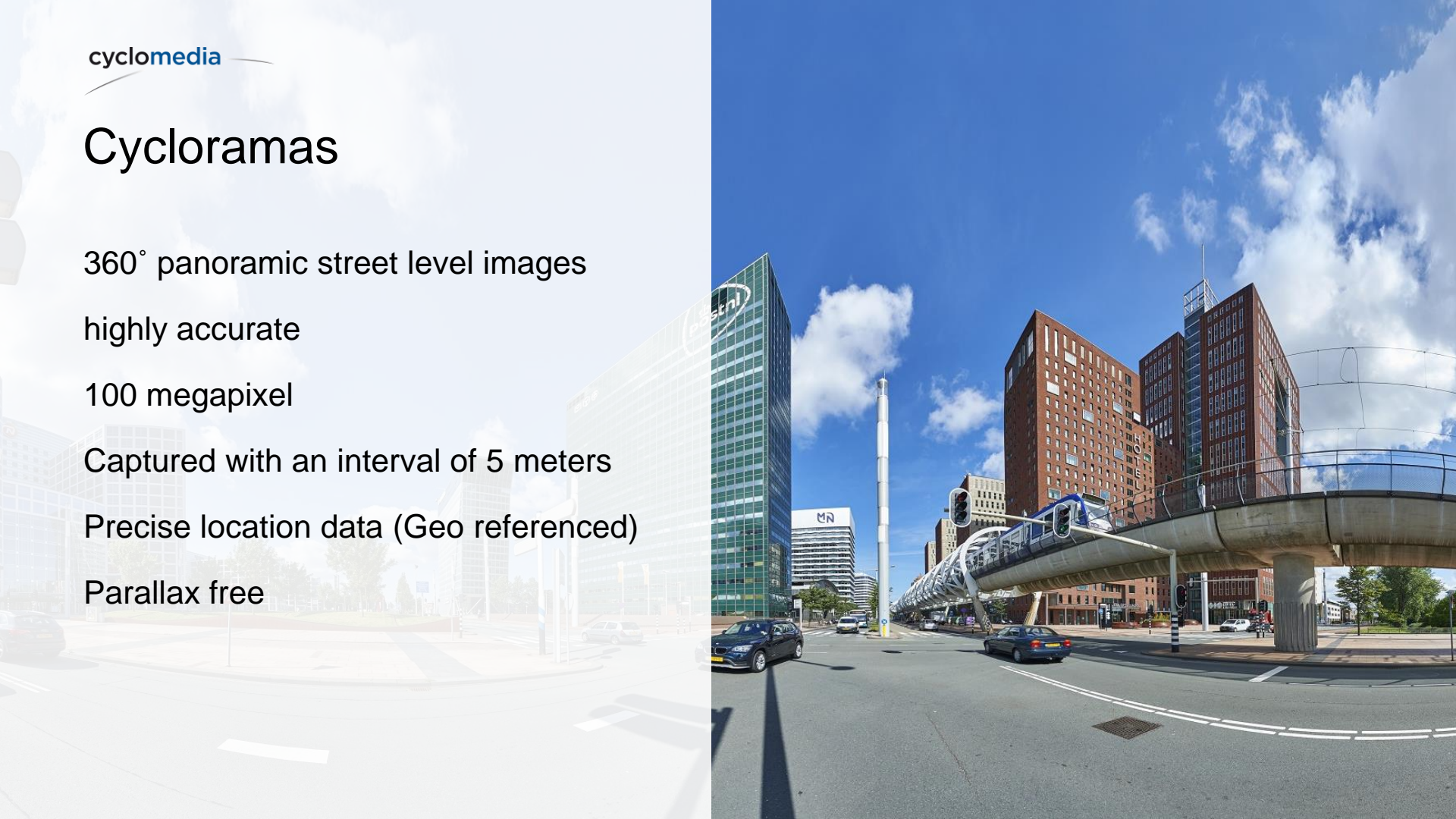
highly accurate

100 megapixel

Captured with an interval of 5 meters

Precise location data (Geo referenced)

Parallax free



LiDAR / Point Cloud (3D)

Low-threshold images in public spaces
in 3D

Photorealistic colours

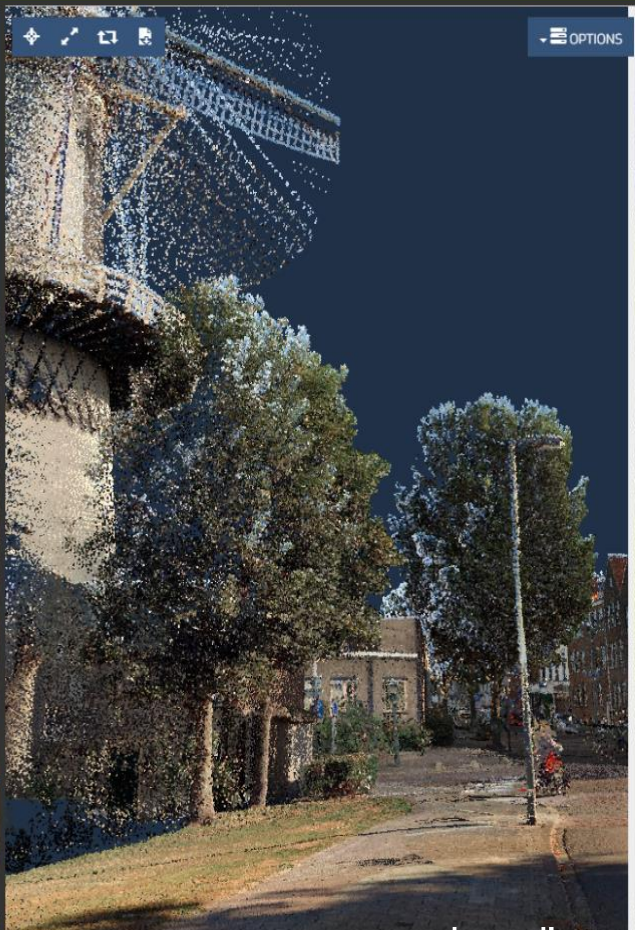
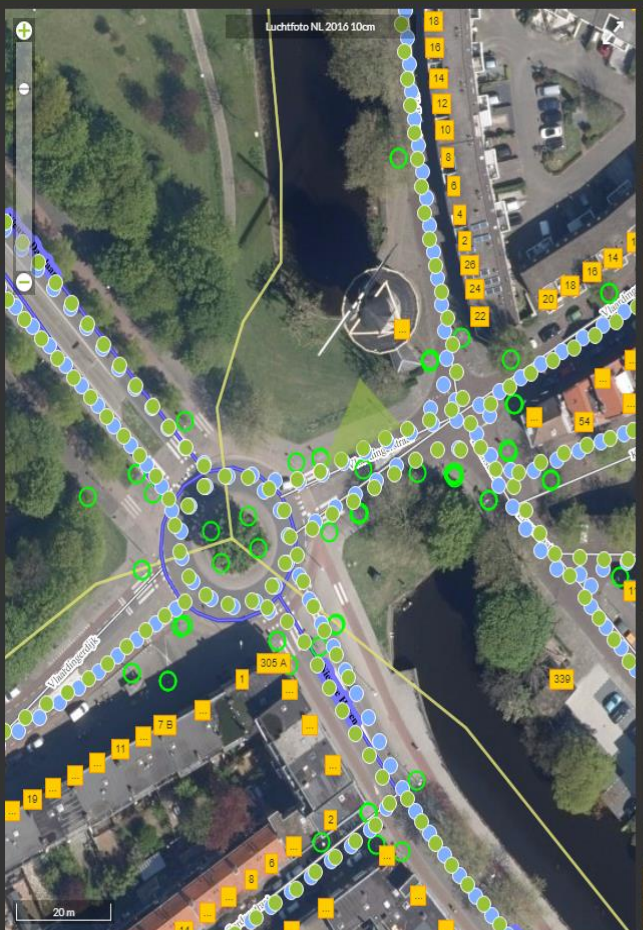
High relative accuracy (<2cm)

700,000 laser pulses per second

View a location from every perspective



Asset Management



Widget ESRI ArcGIS PRO

Esri World Geocoder



Street Smart by CycloMedia

23-9-2016

© CycloMedia

MEASURING

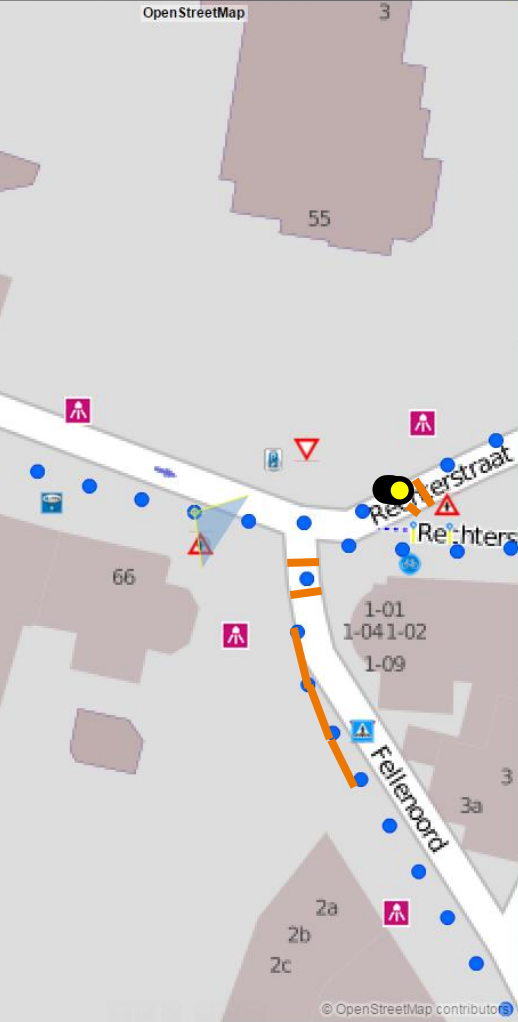
- Height
- Area
- Volume

43 m²

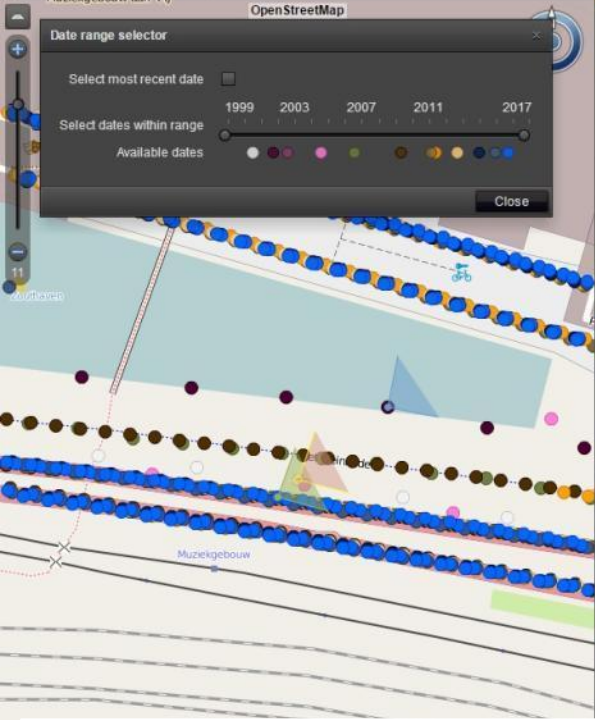
925 m³

10,79 m

cyclomedia







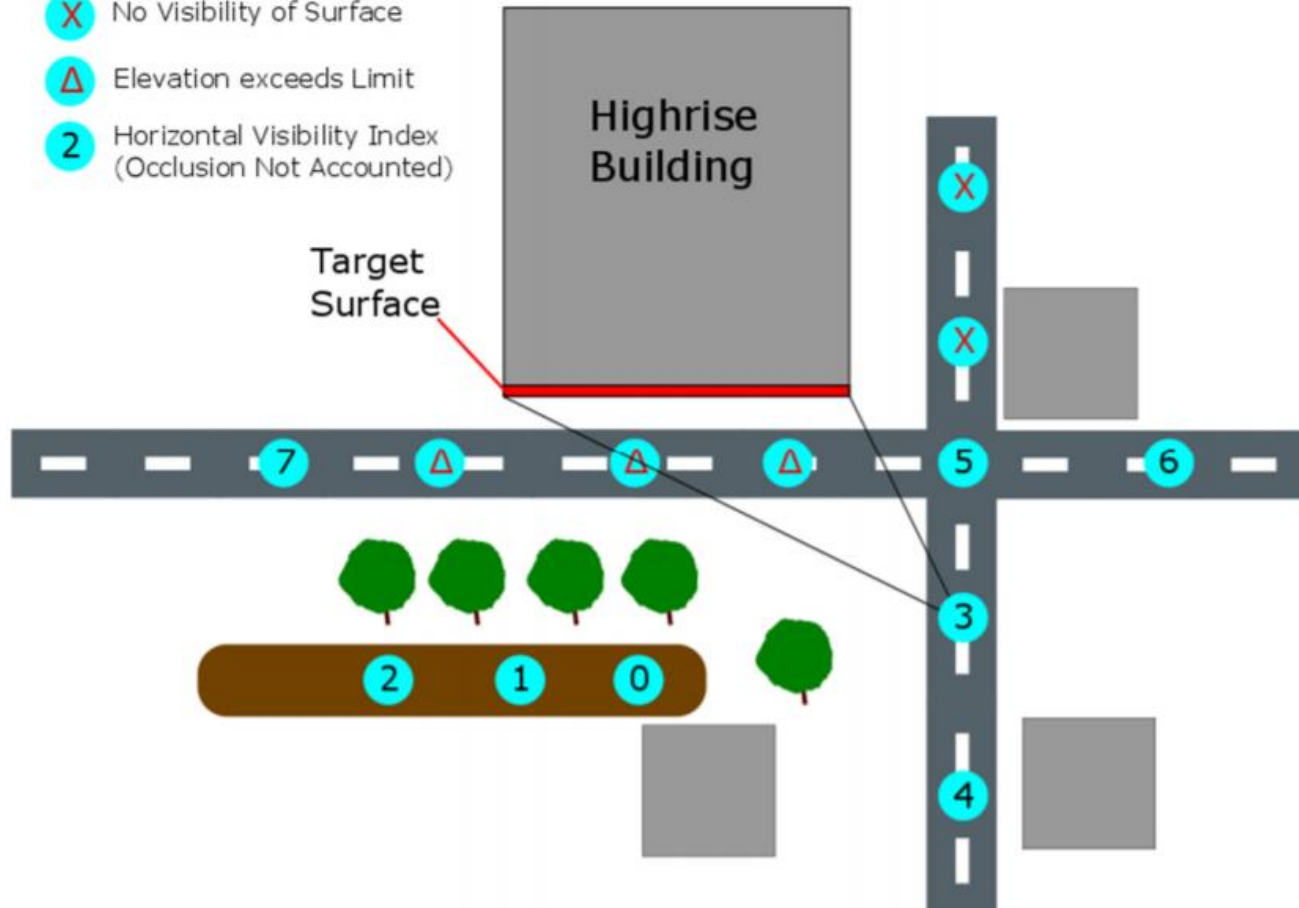
HISTORICAL DATA

- View historical situations
- HD resolution are valid for 2 most recent recordings



PANORAMA RENDERING SERVICE

- X** No Visibility of Surface
- Δ** Elevation exceeds Limit
- 2** Horizontal Visibility Index (Occlusion Not Accounted)



PANORAMA RENDERING SERVICE

All of the cut-outs are delivered as JPG files.

Configurable parameters

- Location of the cut-out (acquisition location, 2D and 3D coordinates, address)
- Width and height (resolution in pixels)
- Viewing direction (both horizontally and vertically, in degrees)
- Horizontal field of view (in degrees)
- Reference system

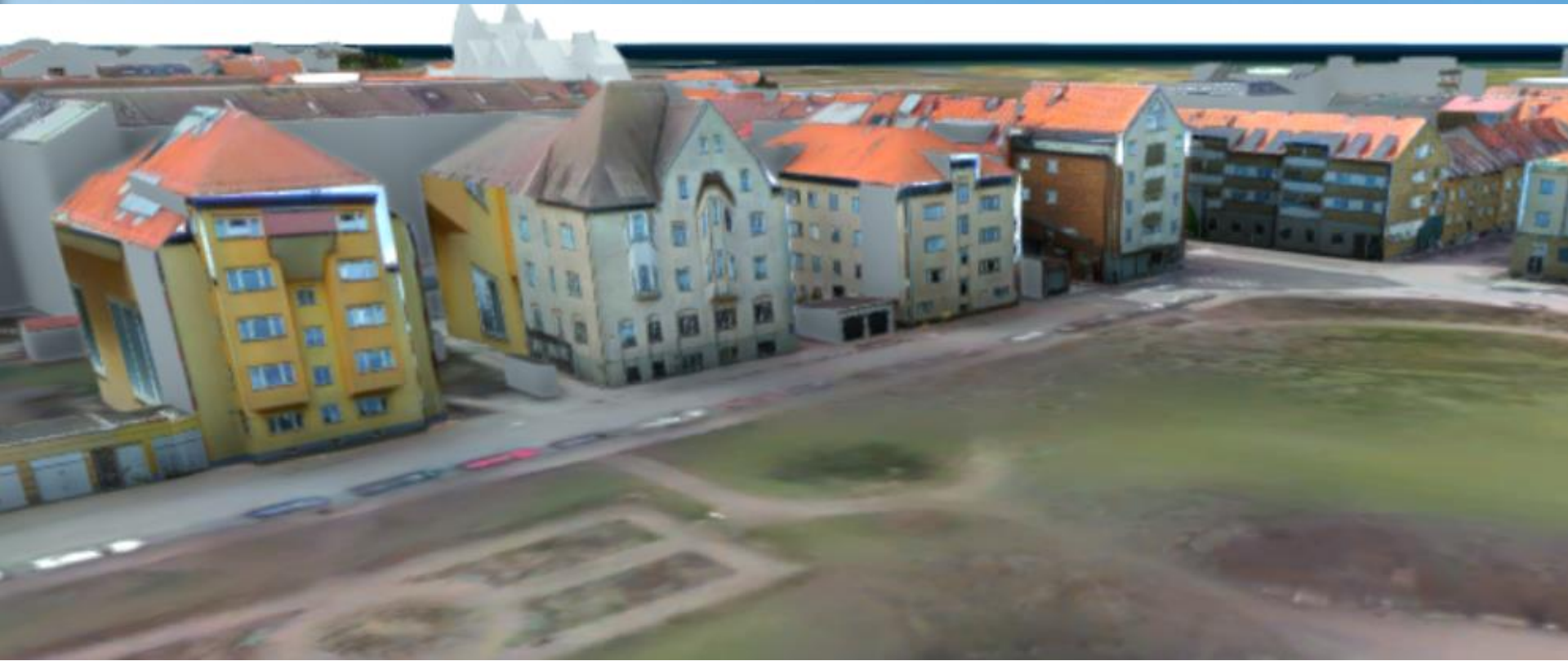
Project 3D Omgeving (Gebied Zwolle)



Project 3D Omgeving (Gebied Zwolle)











Project 3D Omgeving (Gebied Zwolle)



Project 3D Omgeving (Gebied Zwolle)

