

cyclomedia

CycloMedia. Visualize a better world.

Real data. True understanding. Big Impact

Date





About Cyclomedia

Visualize a better world

Cyclomedia captures data from the real world and transforms it into valuable insights enabling you to understand the complexities of the environment around you.

With the world's most accurate 360° street-level visualizations, enhanced by innovative, AI-powered analytics, Cyclomedia delivers actionable insights that you can use today in order to build a better tomorrow.

Real data. True understanding. Big impact.





Facts & Figures



ESTABLISHED IN THE
NETHERLANDS (HQ),
US AND **GERMANY**

270



ENTHUSIASTIC AND
SKILLED EMPLOYEES

**500
BILLION**



OF 360° PANORAMIC
PHOTOS (CYCLORAMAS)

**360.000
KILOMETERS**



OF ROADS RECORDED
YEAR AFTER YEAR



> 50.000.000
IMAGE RECORDINGS
PER YEAR



45+
CARS & RECORDING
SYSTEMS



> 500.000
CLICKS PER WEEK



> 3
PETABYTES OF DATA IN
THE CLOUD



> 900
PROFESSIONAL
CUSTOMERS WORLDWIDE

CycloMedia customers engage with our solutions in 3 ways



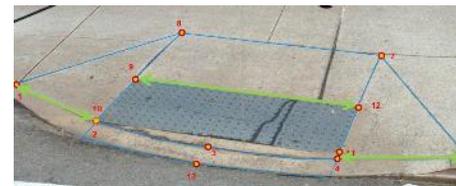
Visually search, inspect and compare assets and environments in public space as part of existing business processes



Enabling new digital work flows through visual and geospatial analyses of captured environment



Enabling new digital work flows by performing detailed site measurements and assessments

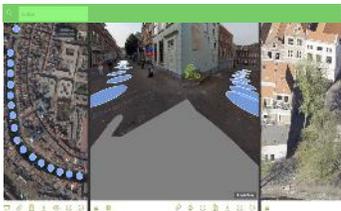


Manual processes are disrupted as users increase sophistication in their use of data and imagery

Increasing user sophistication

Smart City and Cyclomedia – Creating a digital Twin

Street Smart



Realistic **3D walk-through** environments



Proprietary CaaS⁽¹⁾ platform to view, analyse and measure built environments

Data insights



Geo-referenced object databases built by automated **object recognition algorithms**



Automation of manual processes and **data management**

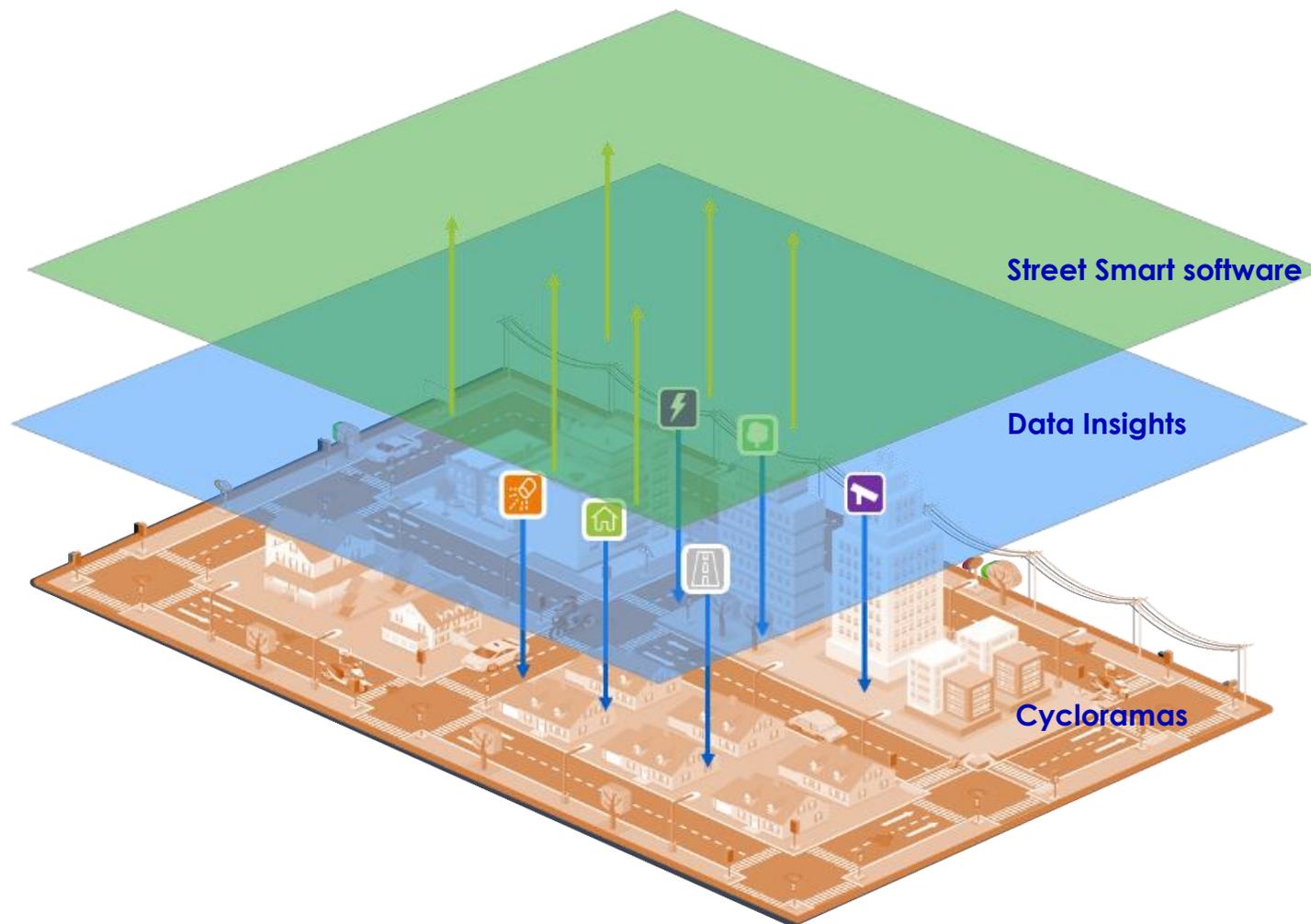
Cycloramas & Point Cloud



360° panoramic street-level imagery data (and LiDAR point clouds)



Exceptional degree of **geometric** and **locational accuracy**, at scale



Creating a digital twin of the city serves a portfolio of use cases



Asset management

Assess quality of public roads and markings for prioritized maintenance



Tax assessment

Remotely assess property tax values



Public security

Assess risk conditions for public events and emergency response



Network planning

Map utility line paths and routes for new infrastructure buildout



Work planning

Execute preventative maintenance to curtail vegetation encroachment



Asset management

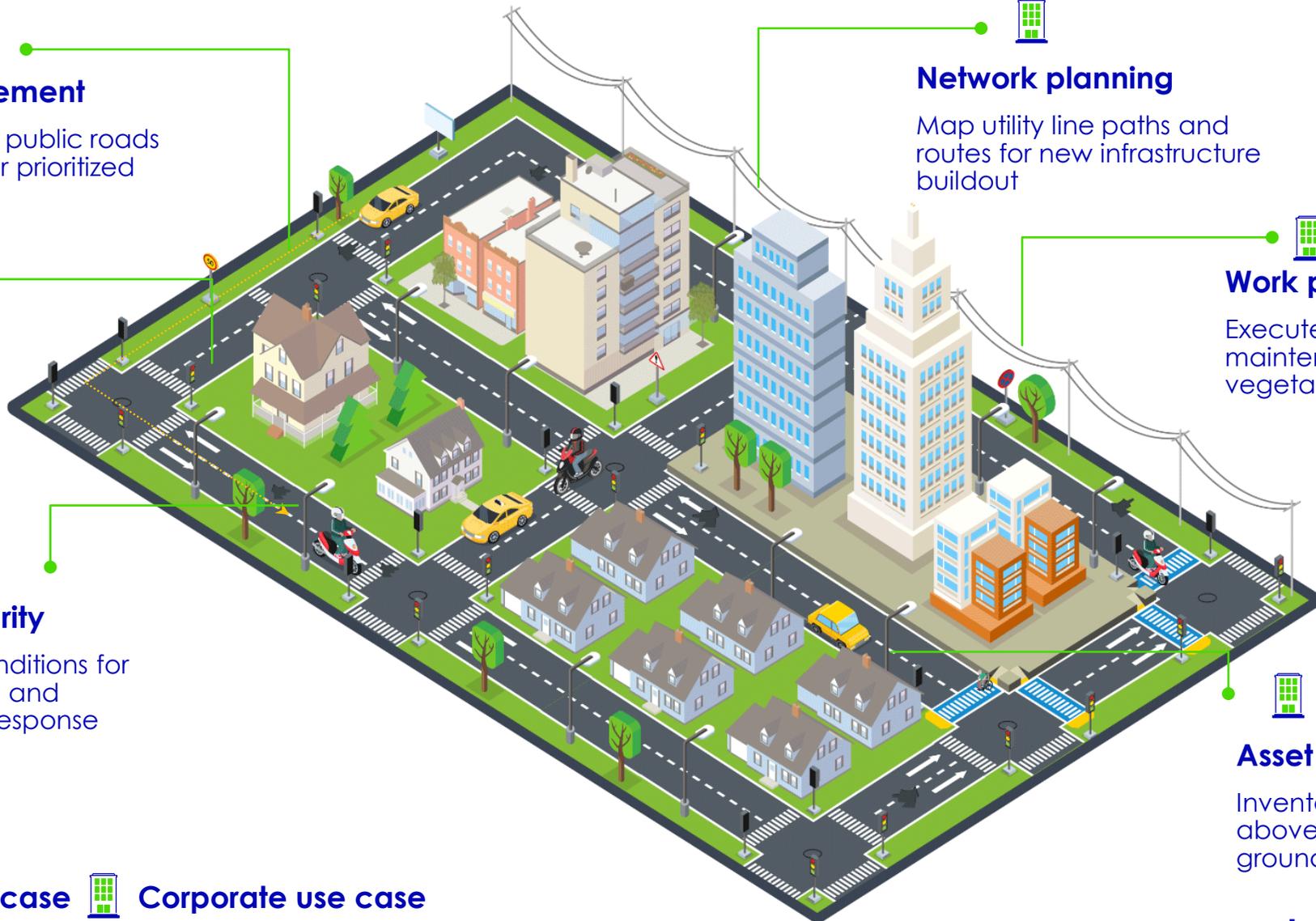
Inventory and categorize above ground and below ground utility installations



Government use case



Corporate use case



Cyclomedia's **solutions** in three steps



Data capture

Recording vehicles, camera systems and LiDAR scanners



Data visualization

Enormous amount of rich visual data quickly and easily accessible



Data insights

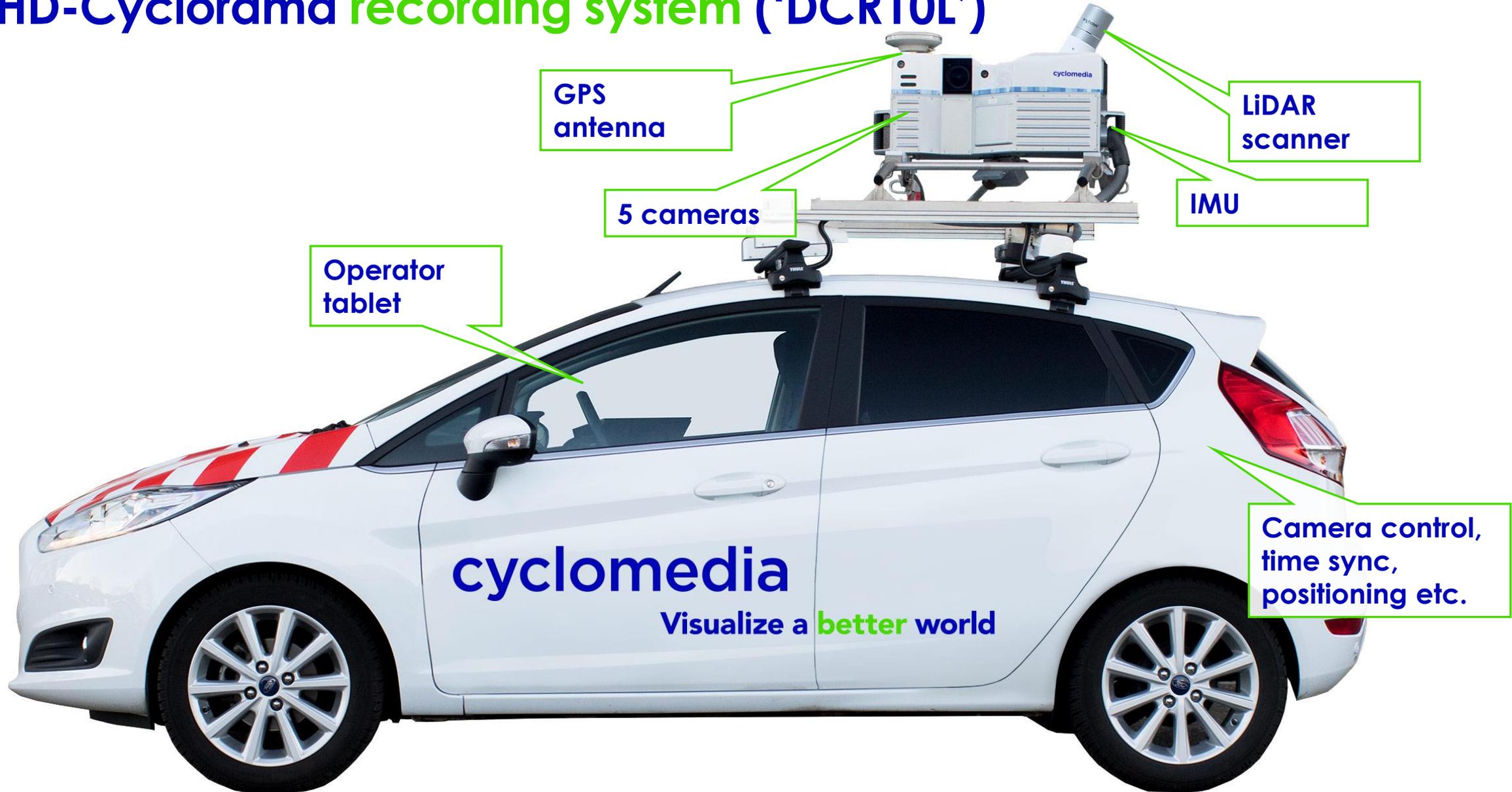
Explore data insights to create a better world tomorrow

Gain valuable insights and understand the complexities and the context of the world around you.

Real data. True understanding. Big impact.



HD-Cyclorama recording system ('DCR10L')



GPS antenna

5 cameras

Operator tablet



LiDAR scanner

IMU

Camera control, time sync, positioning etc.

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Visualize a better world



Data visualization



Street Smart



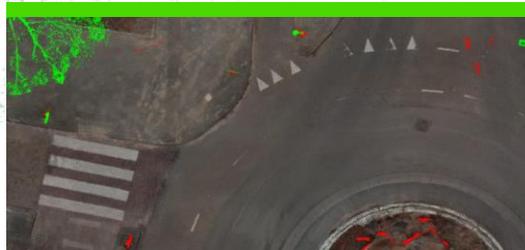
Cycloramas



LiDAR Point Cloud



Aerial data



Street Ortho



Integrations



Data insights

Final Products (product specifications available)



Area and Surface mapping



Road Markings and Lane Striping



Traffic Lights



Public Lighting



Road Surface Analysis
(NL and US, UK in concept)



Traffic Signs

Concept Products (in development)



BillBoards



Road Assets
(e.g. Reflector posts, Hectometer poles, Guardrail)



Parking Places



Trees



Utility data
(e.g. manholes, cabinets)