

 **Cleverciti**
S y s t e m s







Cleverciti SENSORS



Cleverciti

Parking Sensor CCP 300LR:

- ✓ For large on-street parking areas and surface parking lots
- ✓ 30 to 300+ parking spaces per sensor
- ✓ Reach: 15 to 400 meters
- ✓ Scan precision = 0,005°

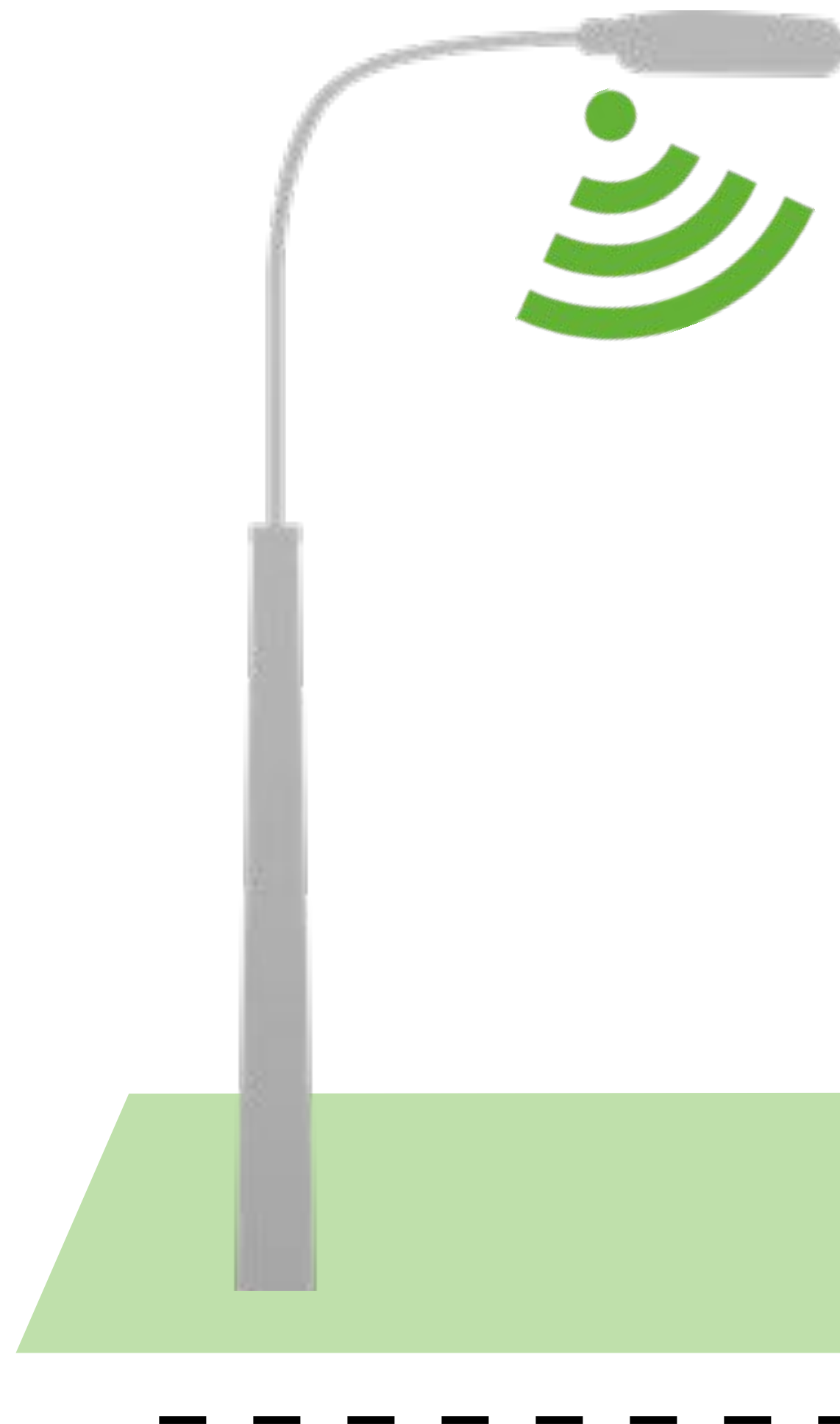
Cleverciti SENSORS



Cleverciti Parking Sensor CCP 120TR:

- ✓ For lampposts and on-street parking
- ✓ 16 to 50+ parking spaces per sensor
- ✓ Reach: 6 to 100 meters
- ✓ Update every 3 seconds

Cleverciti SMART PARKING



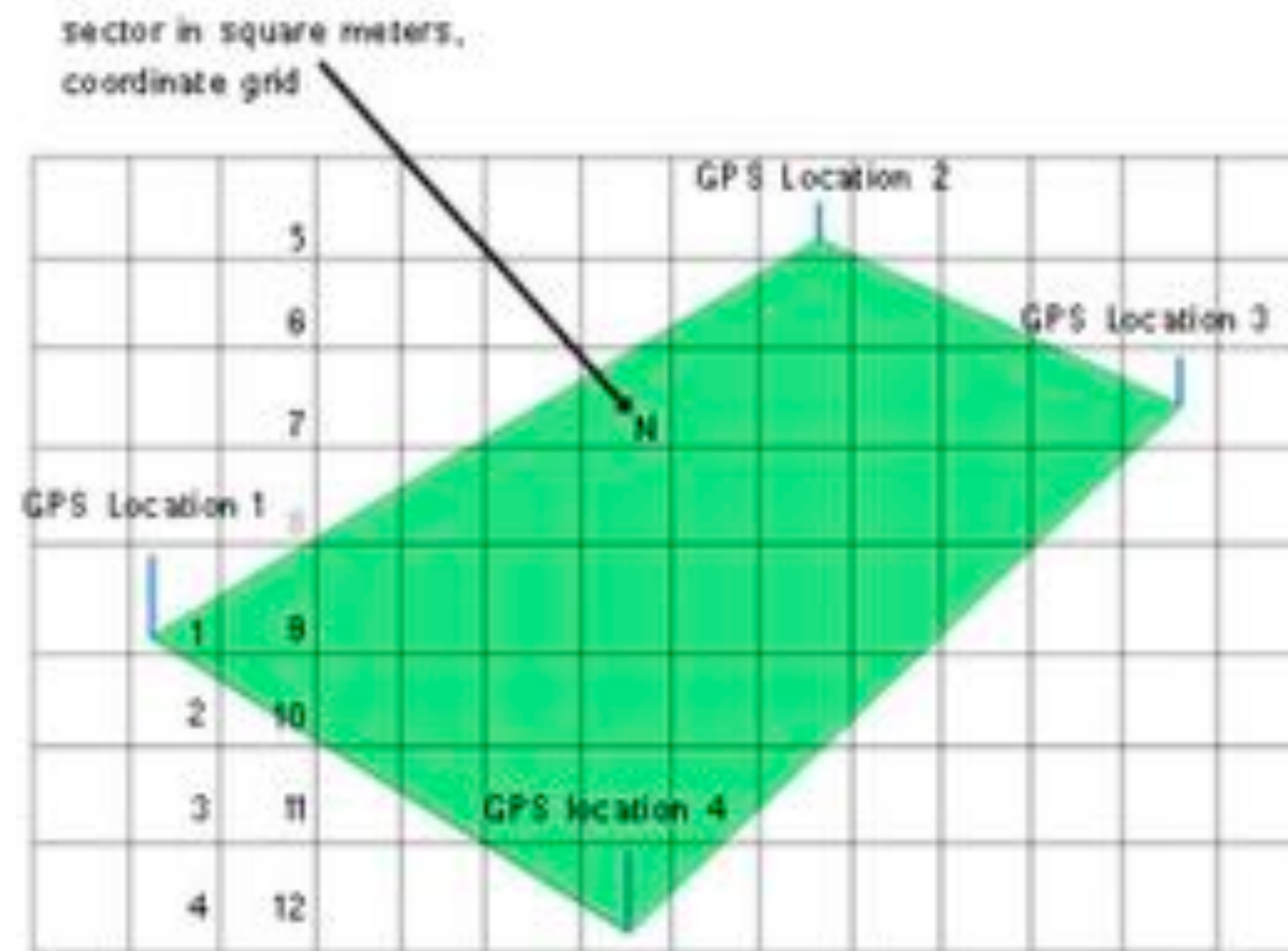
Cleverciti Sensors analyse:

- ✓ free and available parking spaces
- ✓ Size of remaining parking spaces
- ✓ Duration of parking
- ✓ Free special parking spaces, like e-charging stations
- ✓ Bike or bus lanes
- ✓ Prohibited zones

and communicate real-time parking data to:

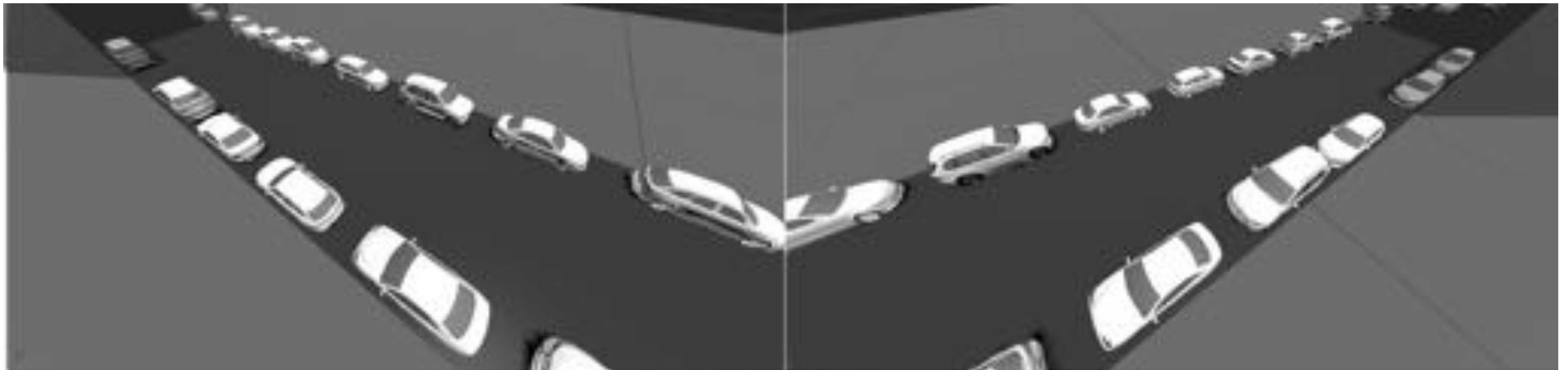
- ✓ Apps, navigation devices, parking guidance systems, web
- ✓ Without any violation of privacy rights

Cleverciti FACTS



- ✓ GPS/map precision = 25cm
- ✓ Complete data analysis embedded inside the sensor, octacore processing, machine learning
- ✓ Wifi or 3G/LTE transmission
- ✓ Perfect night mode – no need of additional lighting or infrared
- ✓ Fast and easy installation on lampposts or buildings
- ✓ Hard- and software compensation against wind and pole vibration

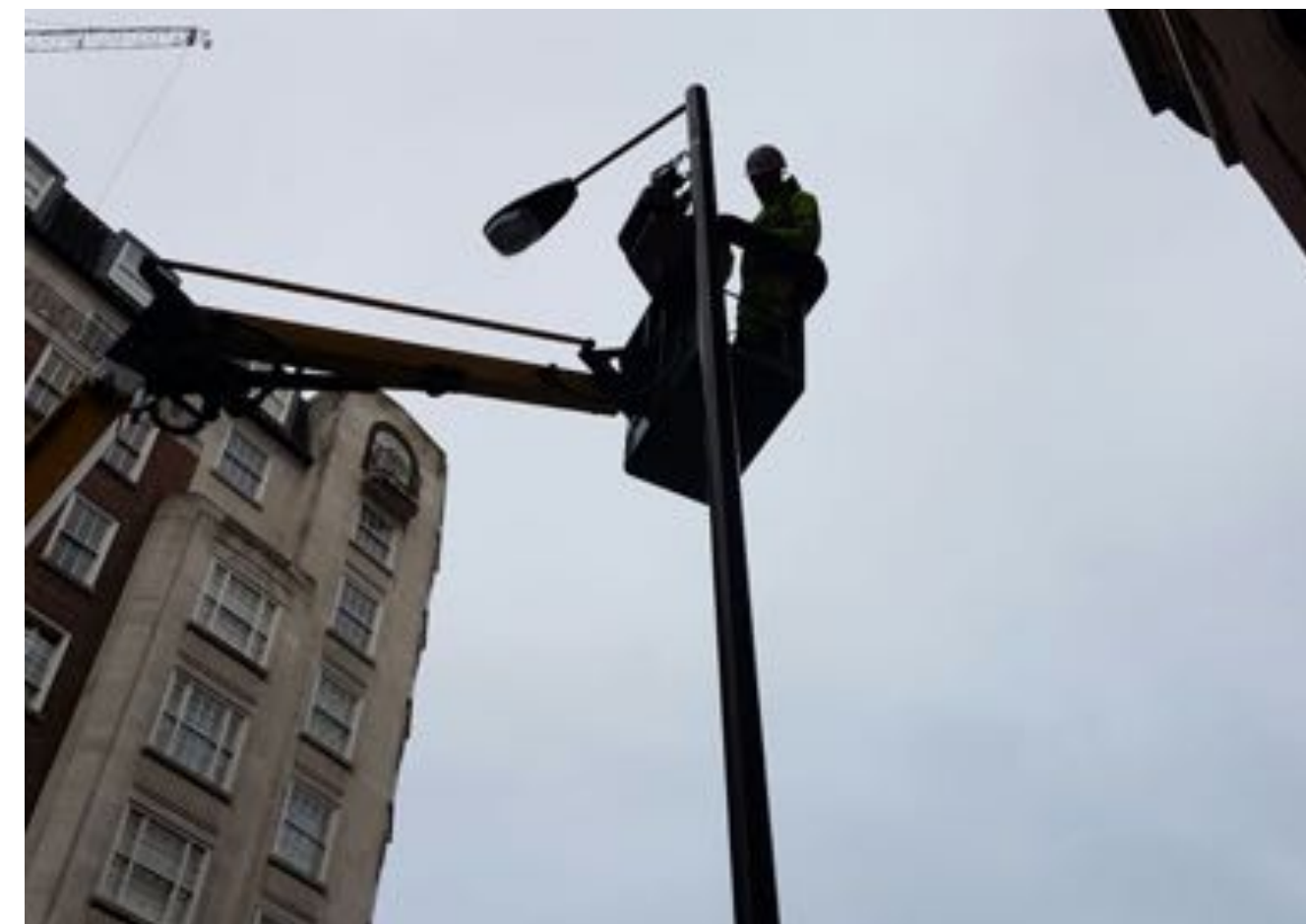
Cleverciti REACH



Installation height: 8m
Reach: 18 Parking spaces

Plus 2 meters =
plus 4 parking spaces

Cleverciti @ CITY OF WESTMINSTER, UK



Cleverciti @ CITY OF DUBAI, UAE

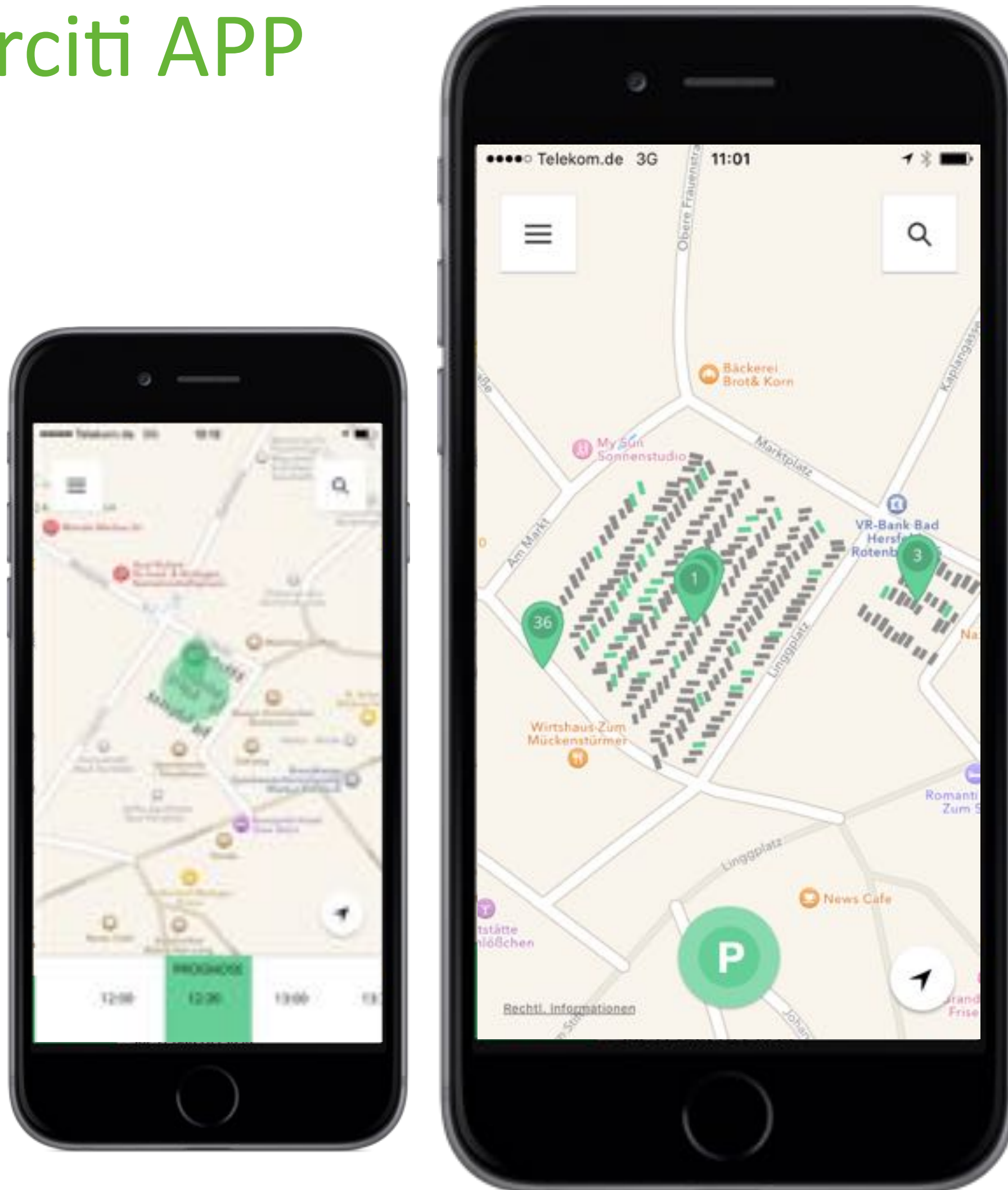


Cleverciti WORLDWIDE



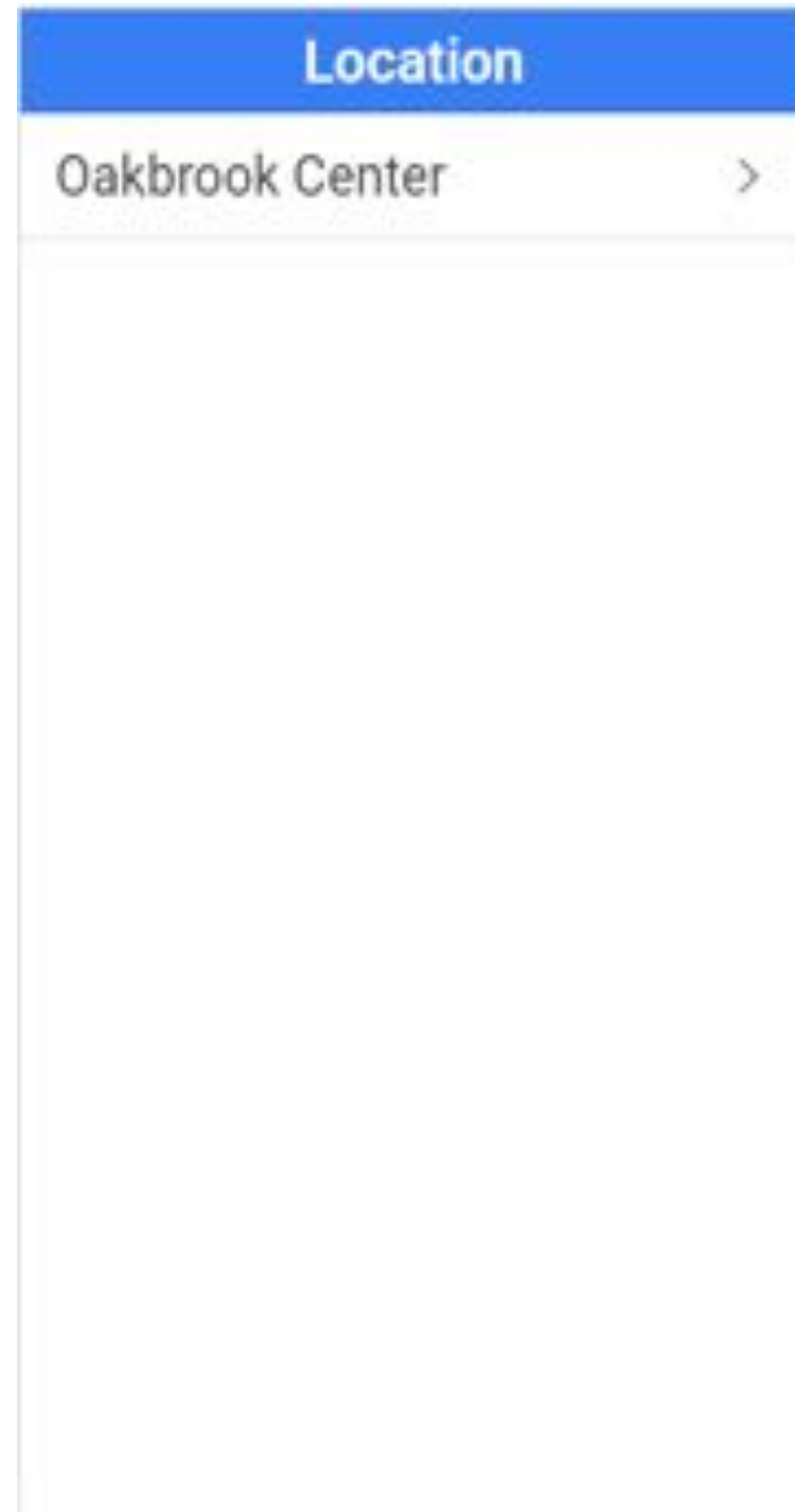
- London, Westminster
- Dubai
- Dublin
- Bad Hersfeld / Frankfurt
- Cologne
- Munich Fair
- Weiden
- Metz
- Rotterdam
- Helmond
- Ljubljana
- Vancouver
- Caloundra, Australia
- Chicago
- Vienna Airport
- Fredericksberg
- ...
- Fürth
- Milano
- Moscow
- Florence
- Boston
- Jamaica

Cleverciti APP

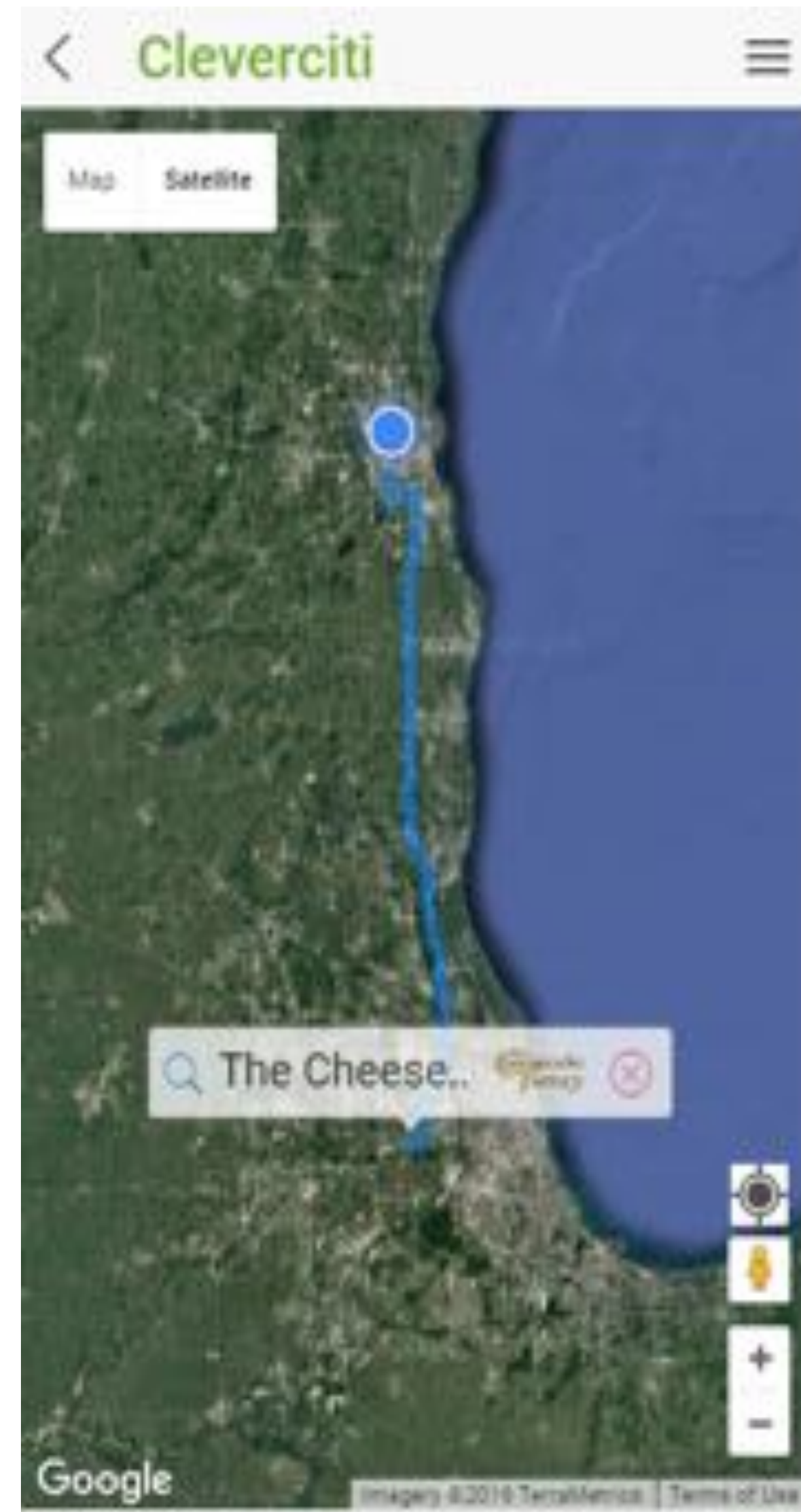


- ✓ Dynamique real time parking guidance to the nearest available space
- ✓ The right sized space for each car model
- ✓ Parking space filter according to type (handicapped, parking space reserved for women, ...)
- ✓ Virtual reservation of parking space for nearest driver approaching
- ✓ Occupancy forecast at a desired/estimated time of arrival
- ✓ White label integration into city and client apps

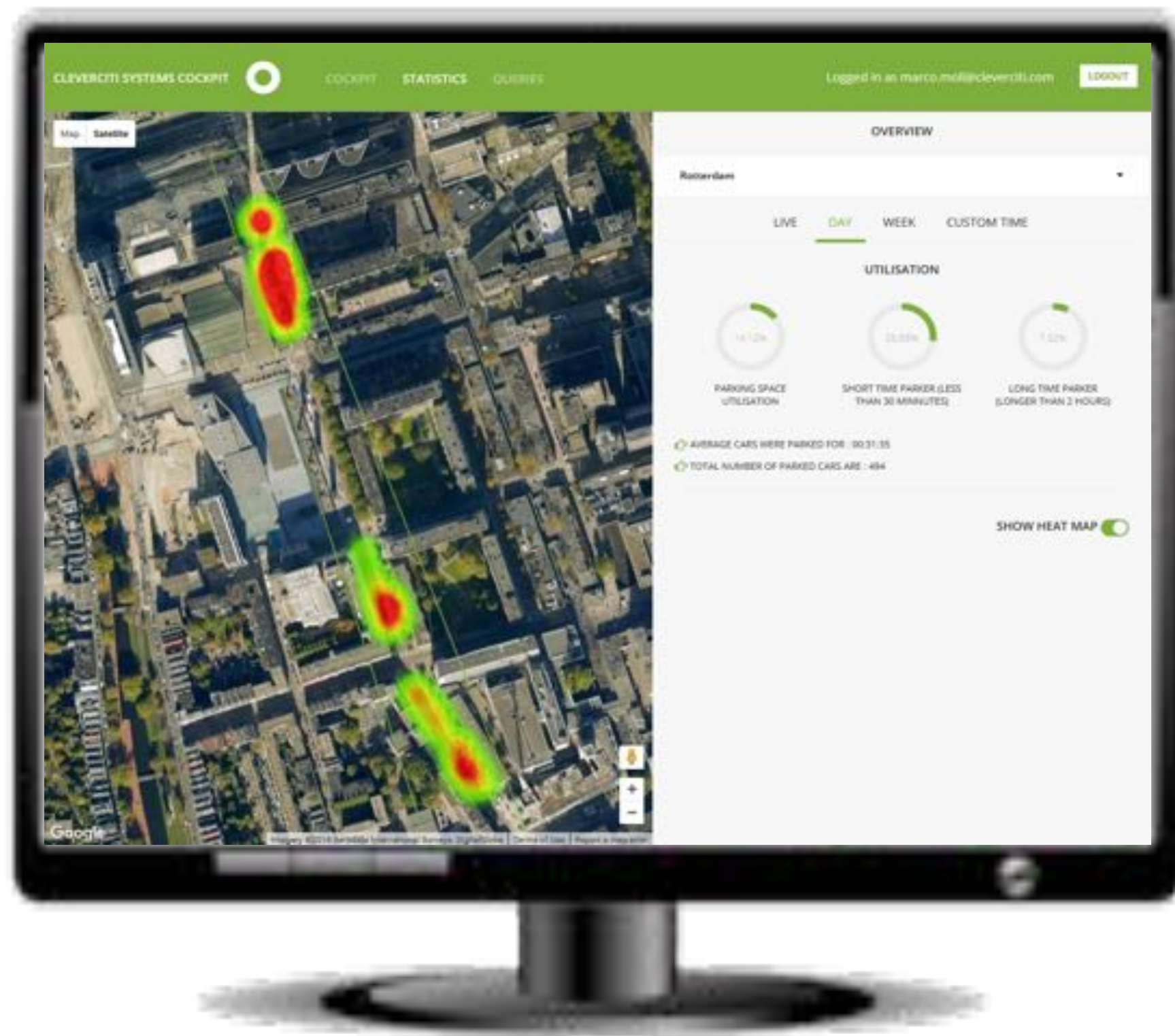
Cleverciti APP



Cleverciti APP



Cleverciti COCKPIT



- ✓ Live parking data
- ✓ Historical data per space, per area
- ✓ Heatmaps and extensive analytics
- ✓ Forecast parking occupancy based on exact history profiles
- ✓ Define properties of spaces and no parking zones
- ✓ Temporary closures of parking spaces

Cleverciti COCKPIT



Cleverciti COCKPIT

285

NUMBER PARKING SPACES

82

NUMBER OF FREE SPACES

28.8%

PERCENTAGE OF FREE

203

NUMBER OF SPACES OCCUPIED

71.2%

PERCENTAGE OF OCCUPIED



Cleverciti COCKPIT

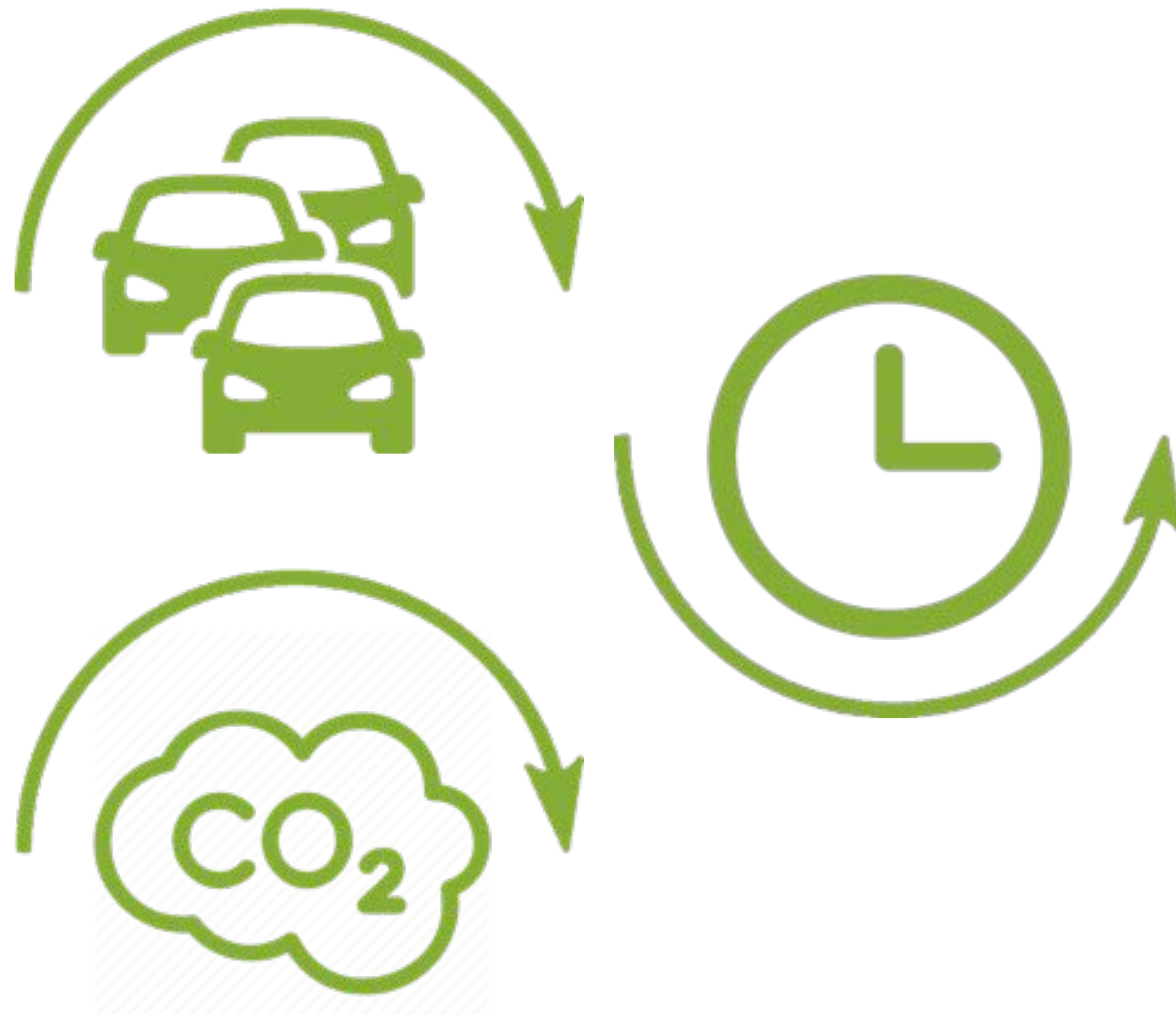
The screenshot displays the Cleverciti COCKPIT interface. On the left is a map of an urban area with various street names and landmarks. In the center, a 'DETAILS' modal window is open, showing a table for configuring traffic light settings. On the right, a sidebar contains filter options for traffic light status.

DETAILS (MODE: OFF)

	ACTIVATE	FROM			TO		
		hh	mm	ss	hh	mm	ss
Monday	<input type="checkbox"/>	0	0	0	0	0	0
Tuesday	<input type="checkbox"/>	0	0	0	0	0	0
Wednesday	<input type="checkbox"/>	0	0	0	0	0	0
Thursday	<input type="checkbox"/>	0	0	0	0	0	0
Friday	<input type="checkbox"/>	0	0	0	0	0	0
Saturday	<input checked="" type="checkbox"/>	20	0	0	23	59	58
Sunday	<input checked="" type="checkbox"/>	0	0	0	08	0	0

Filter sidebar:

- BACK
- ADD VIEW
- Filter
- Fixed
- Longer than 20 minutes
- Blocked
- Abends verboden



- ✓ **Reduce search traffic**
- ✓ **Reduce NOx, CO₂ and particle emission**
- ✓ **Increase parking revenue substantially**
- ✓ **Reduce driver's stress, costs and time loss**
- ✓ **Improve the quality of live in the city**



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Cleverciti® ist eine eingetragene Marke der Cleverciti Systems GmbH.
Cleverciti Sensor Systeme sind zum Patent angemeldet.