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C21R Multimode radar classifier is a non intrusive detector capable of detecting vehicles, cycles, pedestrians and micro mobility users to the highest degrees of accuracy.

C21R

Multi Mode Classifier

Overview

The C21R Radar requires no in-ground sensors to accurately capture volumetric and classified multimode transport data.

Developed to very accurately measure cycles, joggers/ pedestrians within a street scene of normal vehicle traffic the C21R can determine travel mode and classification on a wide range of street layouts including dedicated paths, cycle lanes and highways.

The C21R is the only traffic radar sensor to employ AI algorithms that perceive its environment and takes action to maximise its accuracy by physically adjusting its geometry.

This groundbreaking cognitive ability provides superior detection to other known technologies giving the highest degree of accuracy when detecting groups of pedestrians, cyclists and other road users.

Innovative design

C21R is lighter, smaller and smarter by design than traditional radar survey equipment.

The elegant cylindrical design blends to the street scene and has a unique 180° mounting option ensuring maximum coverage with minimal environmental impact.

Above ground technology

C21R is unlike any other AG technology. As a non visual technology it does not suffer from the issues of low light levels, GDPR compliance or degradation in quality through road film, dirt covering the lens.

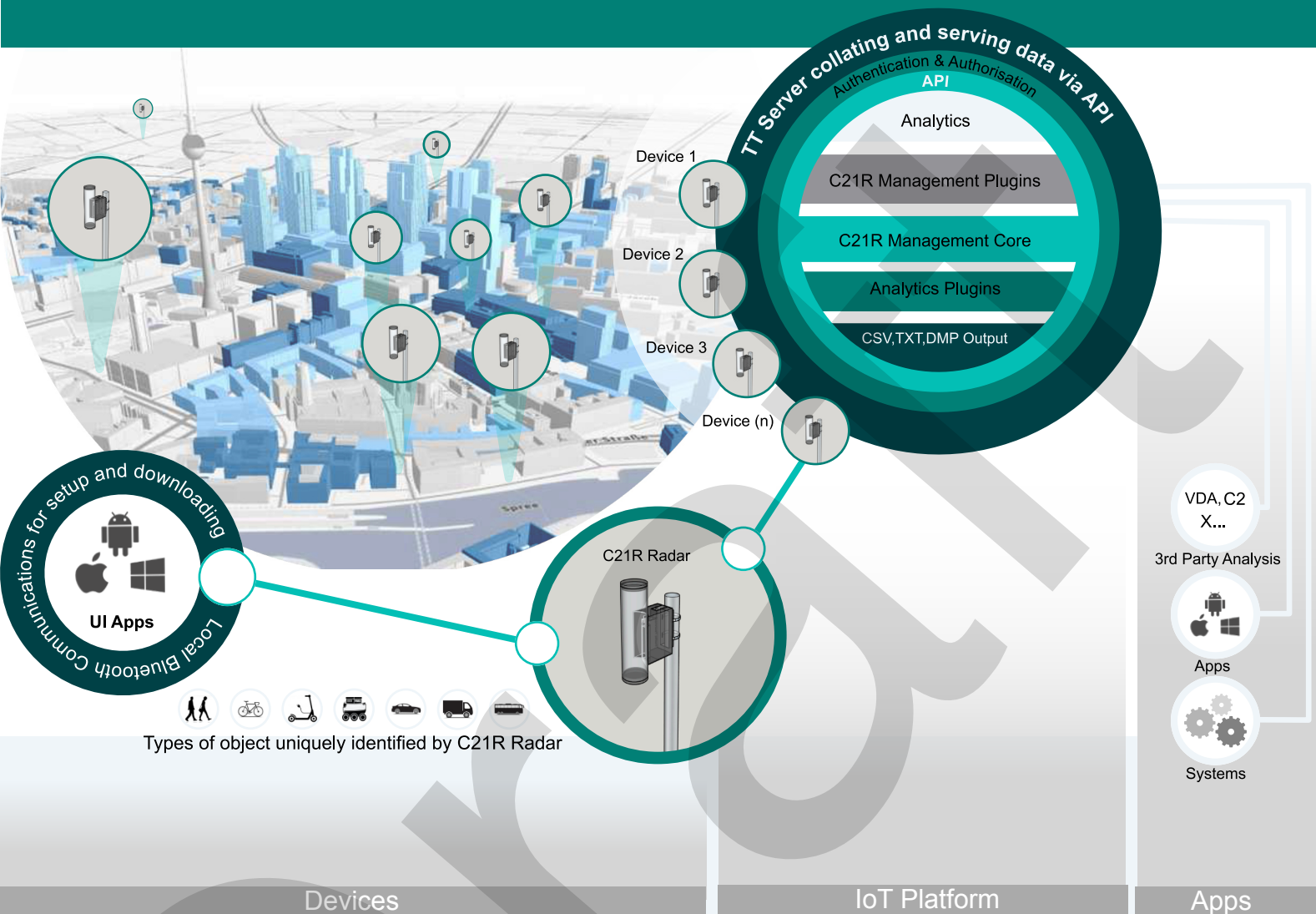
With no in or on ground sensors the C21R is easy to install, eliminating the safety, maintenance and reliability issues associated with ground mounted technologies.

In addition, its very low power requirements means it suitable for use in City, Urban and Rural locations providing consistent accuracy day and night.





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Dimensions	30 x 12 x 12cm
Power Options	Battery, Mains, Solar
Battery	12V 12Ah
Communications	Bluetooth, 4G -Cat-M1 & NB-iot (Compatible with 5G)
Data Type	Per Vehicle, Binned, Json, Excel
Mounting	0,90,180 degree to flow movement

Security	Torque Band, Padlock
Operating temp Range	-25C to +70C (-13F to 158F)
Speed Accuracy	±1kmh
Count Accuracy	95%
Weight	4kg
Approvals	CE and FCC

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Find out more on our website:
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