



ESA Business Incubation Centre in Noordwijk, The Netherlands, was opened in 2004 and is managed by SBIC Noordwijk B.V. The centre offers business start-up support as well as technical expertise in most areas of space technology and know-how. Located at the Space Business Park near to ESTEC, the largest ESA site and the scientific and technical heart of ESA, ESA BIC Noordwijk promotes the exchange of knowledge between advanced technology and space activities, as well as the exchange of technology and expertise between space programmes and terrestrial applications.

## Parckr

**Top-grade information on truck parking areas and truckstops in Europe.**



Website

**Founded in 2013 by**

- **Tom van de Ven**

**Incubation period**

01-01-2017 to 31-12-2018



space solutions

## About Parckr

Parckr's advanced computer model estimates current, and forecasts future occupancy rates of truck parking facilities, even when no occupancy monitoring systems or access control systems are in place. Its information service currently covers 4,500 truck parking facilities in 8 European countries and includes up-to-date information on truck parking characteristics, facilities and services.

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## The challenge

If truck driver would have information on the expected occupancy rate of truck parking facilities on their route they could plan ahead and avoid busy and overcrowded truck parking facilities. The occupancy rate of truck parking facilities is largely unknown. Out of

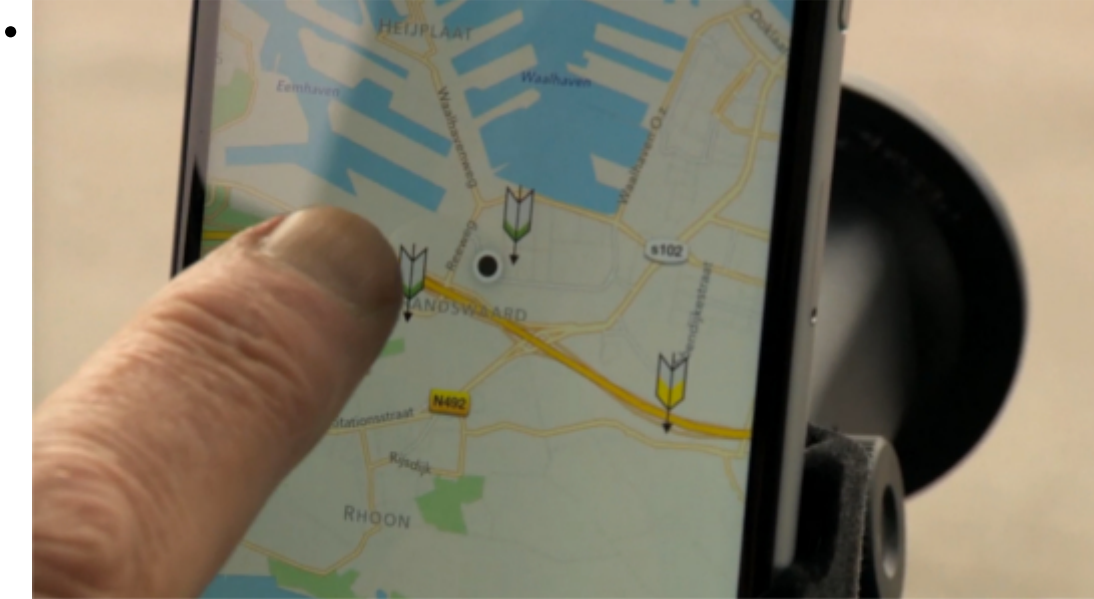
the thousands of truck parking facilities in Europe, only a few hundred are equipped with occupancy monitoring systems. Using big data analytics and machine learning, Parckr combines GNSS and community data to produce estimates and forecasts of truck parking occupancy rates.

## The solution

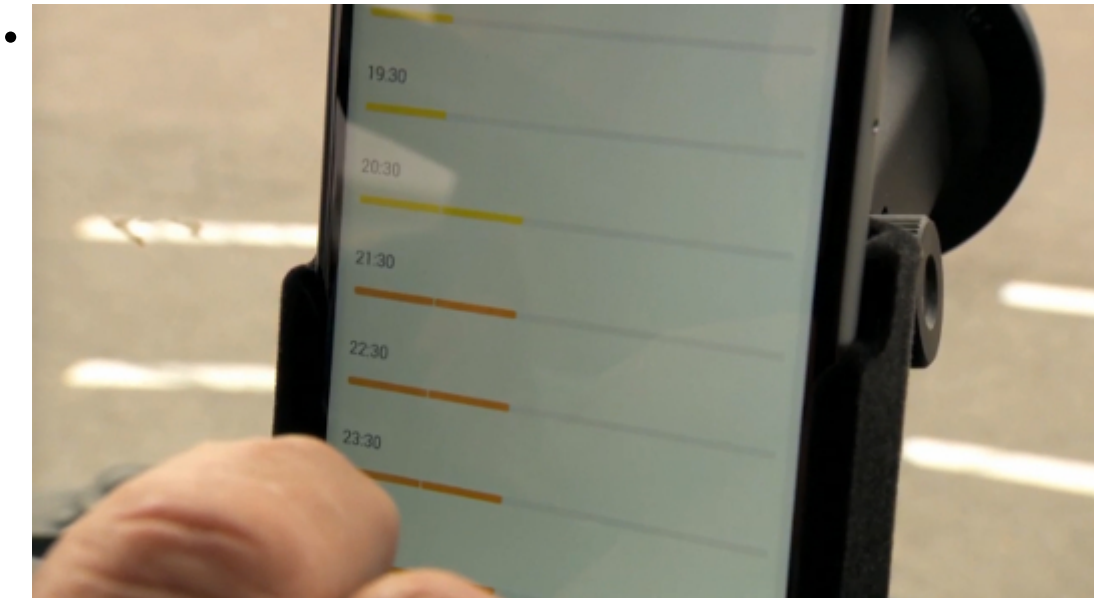
Truck drivers in Europe need to abide to the drive and rest time regulations of the EU. This means that in the evening truck parking facilities fill up quickly. In particular on the main transport corridors and near main logistic hubs such as sea ports and inland ports the parking capacity does not always suffice to deal with the demand, which leads to overcrowded facilities with queues extending even onto the hard shoulder of the motorway. Parckr allows truck drivers to anticipate overcrowded truck parking facilities. It forecasts the occupancy rates of all truck parking facilities along the main roads allowing truck driver to look and plan ahead when deciding where to park.



Best of breed truck parking information



4,500 truck parking facilities in 8 countries and expanding



Unrivaled occupancy estimates and forecasts

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