



Rivium
Business
Park 3.0



Capelle aan den IJssel,
The Netherlands



**The world's first
autonomous system
operating on public roads.**



[we deliver]



2getthere
A COMPANY OF 

The story so far:

The Rivium ParkShuttle, the world’s first autonomous transport system, has been in public service since 1999.

The current, second generation system operates on a dedicated lane and features 5 stations that service two business parks and a growing residential area with an overall length of 1.8 kilometres. To date it has carried over 8 million passengers, safely and efficiently over the last 20 years and is the only system in operation that features intersections at grade, with other traffic.

“Currently the ParkShuttle carries over 2,400 passengers a day. This number will increase significantly.” says Alderman Traffic and Transit, Dick Van Sluis.

The ParkShuttle has been instrumental in supporting the development of the business park. Now, it is the driving force of its redevelopment with occupancy levels jumping from less than 70% to fully occupied.

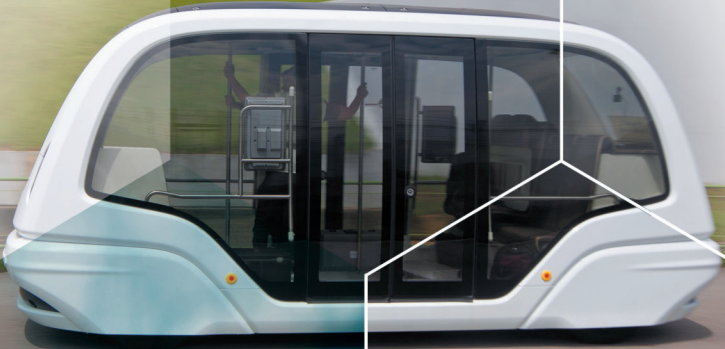
Since the announcement of the next generation of vehicles and extension to the route, existing office buildings are being

redeveloped and more retail and housing introduced. Rivium is transforming itself from a destination, to a self-contained mixed use development, connected to the local transit hub by the Waterbus and Metro networks.

As a result, the city of Capelle aan den IJssel are expecting passenger numbers to further increase.

“We are exploring the possibilities to extend the route to Erasmus University Rotterdam. This extension, as well as the connection to transport over water, will result in a massive increase in the amount of passengers. We are also anticipating the realisation of Rotterdam’s new stadium Feyenoord City, allowing spectators and visitors of events to travel from Rivium. The business park will be able to welcome many visitors who aren’t necessarily reliant on their car, which fits really well with our ambition to transform it into the Rivium Campus: an attractive urban environment where working, living and leisure go hand in hand.” says Capelle aan den IJssel’s Alderman Dick van Sluis.

A world first



What’s next?

The current system will be extended and replaced with 6 of 2getthere’s Group Rapid Transit (GRT), which will operate in mixed traffic on public roads without a warden or safety driver when completed. A world first.

The new system will continue to be operated by Connexxion and the first to meet the certification criteria for the draft legislation governing the use of self-driving vehicles in the Netherlands (Experimenteerwet zelfrijdende auto). Dare we say it? Another world first.

This extension to the existing system will be delivered in two additional stages:

Firstly, the current system will be replaced by the new generation of GRTs, which will continue to provide public transport for Rivium and Brainpark III employees as well as Fascinatio residents, from the metro station Kralingse Zoom. The new generation of GRTs have been designed with the customer in mind, with even better comfort, reliability and availability.

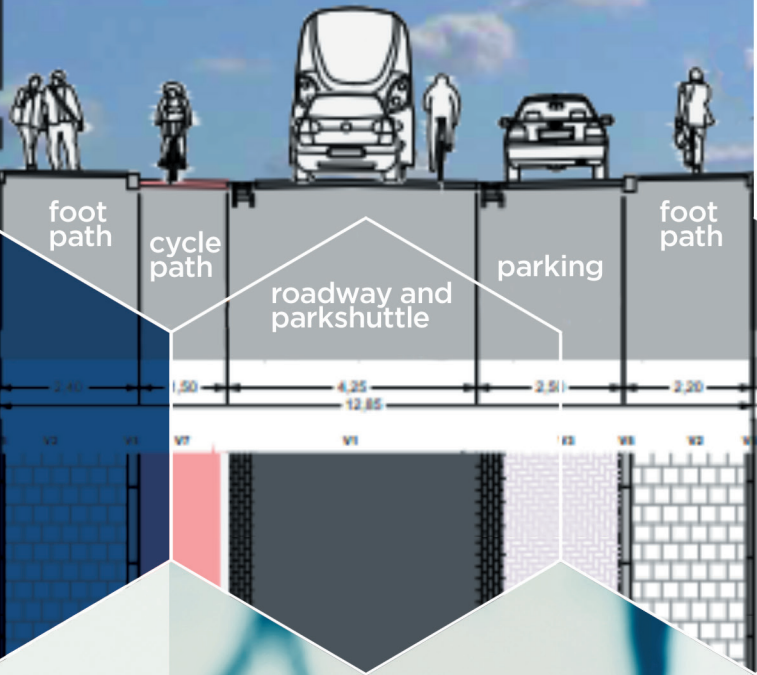
In stage two, the system will run through the Rivium Business Park and terminate at Van Brieneoord Bridge Waterbus station, where passengers can connect with services to the ‘Drecht cities’. While the shuttle will provide a direct connection to the Rotterdam metro, for passengers arriving on the Waterbus. To enable this link, the system will be extended on existing public roads, commencing service in 2020.

“The renewal and extension of the ParkShuttle system has been the ambition of the city of Capelle aan den IJssel for a while. With the extension to the system and the unique link between the Waterbus and the subway network of Rotterdam, daily passengers are expected to increase by over 20% as a result.” says alderman Dick van Sluis.



What do passengers think?

In a recent study conducted by Utrecht University it was found that 90% of respondents were positive about how easy it was to use the ParkShuttle. Reliability proved to be the most important factor: four out of five respondents said they felt the system was reliable, mainly because of its frequency and punctuality. Exceptional results when compared to other studies that look at user satisfaction on public transport networks operated around the world.



Mixed traffic
Single lane section

P+R
KRALINGSE ZOOM



A little about us.

We deliver Autonomous Vehicle Systems for Smart Cities and Smart Airports. Our technology is based on 25+ years of experience with automated vehicles operating in variety of challenging environments. Depending on the requirements and configuration of the application, our driverless vehicles operate in mixed traffic, dedicated or segregated lanes. Our purpose and vision is to continually develop the landscape of automated transit technology by maintaining our entrepreneurial spirit and having a little fun along the way.

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Continuing to deliver market leading, fully automated transit solutions for you, every day.

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