



We are moving big and small.
For generations.
We pioneer motion

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Dialogue Conference

How can we transform public transport
with automated on-demand mobility

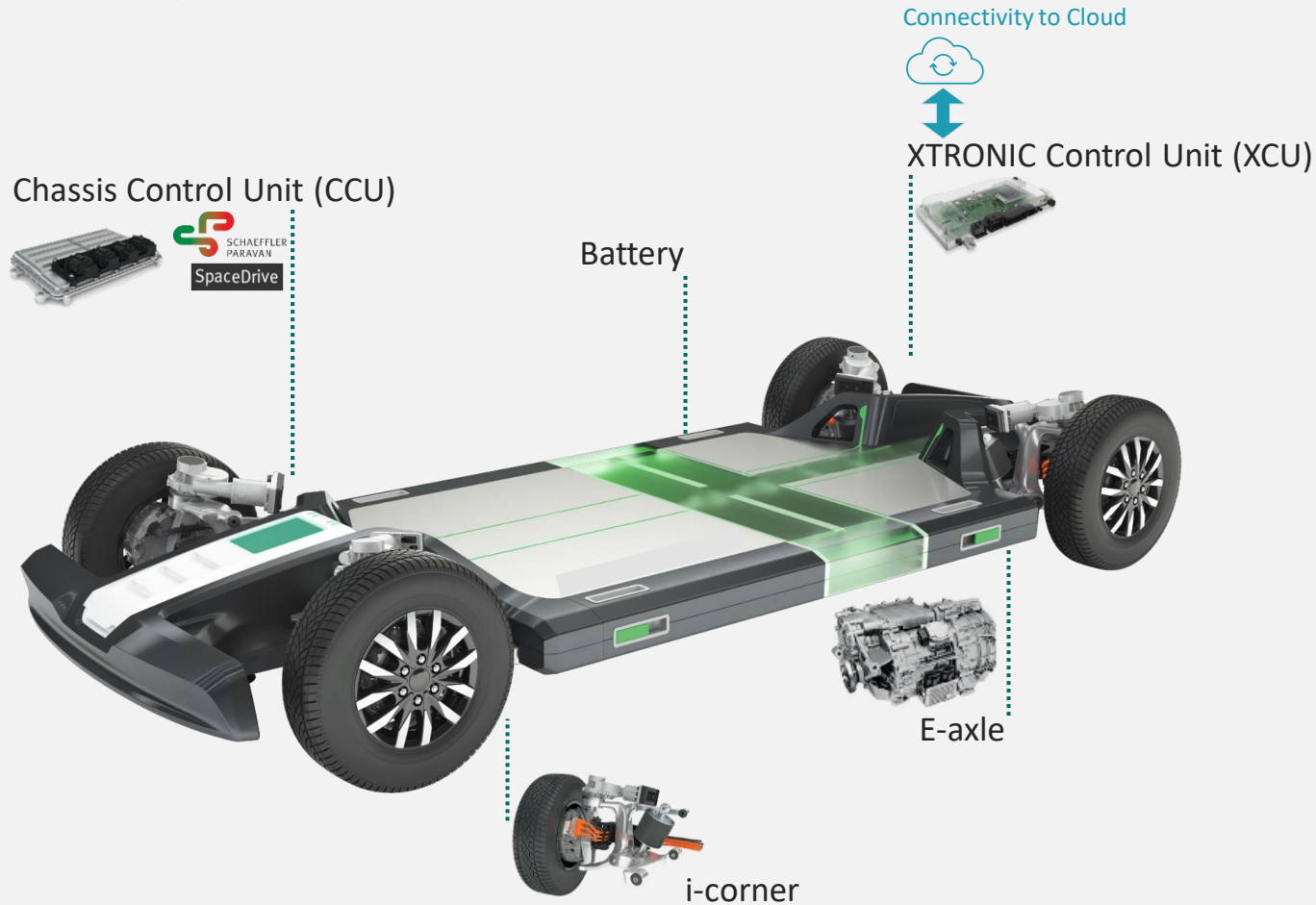
hosted by **Ruter#**

Schaeffler Technologies AG & Co. KG
Schaeffler Paravan Technologie GmbH & Co. KG,

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Rolling Chassis – A construction kit for new mobility

The Rolling Chassis

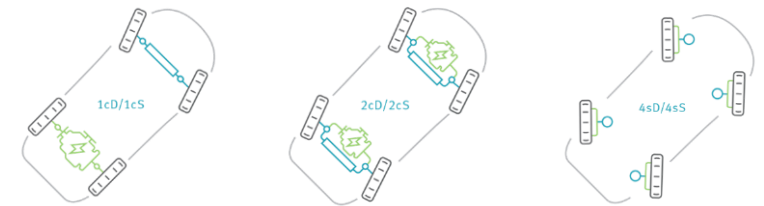


Main features

> variable und scaleable in length and width



> Flexibile topology



> Rolling Chassis as platform for different use cases



passenger



Logistics



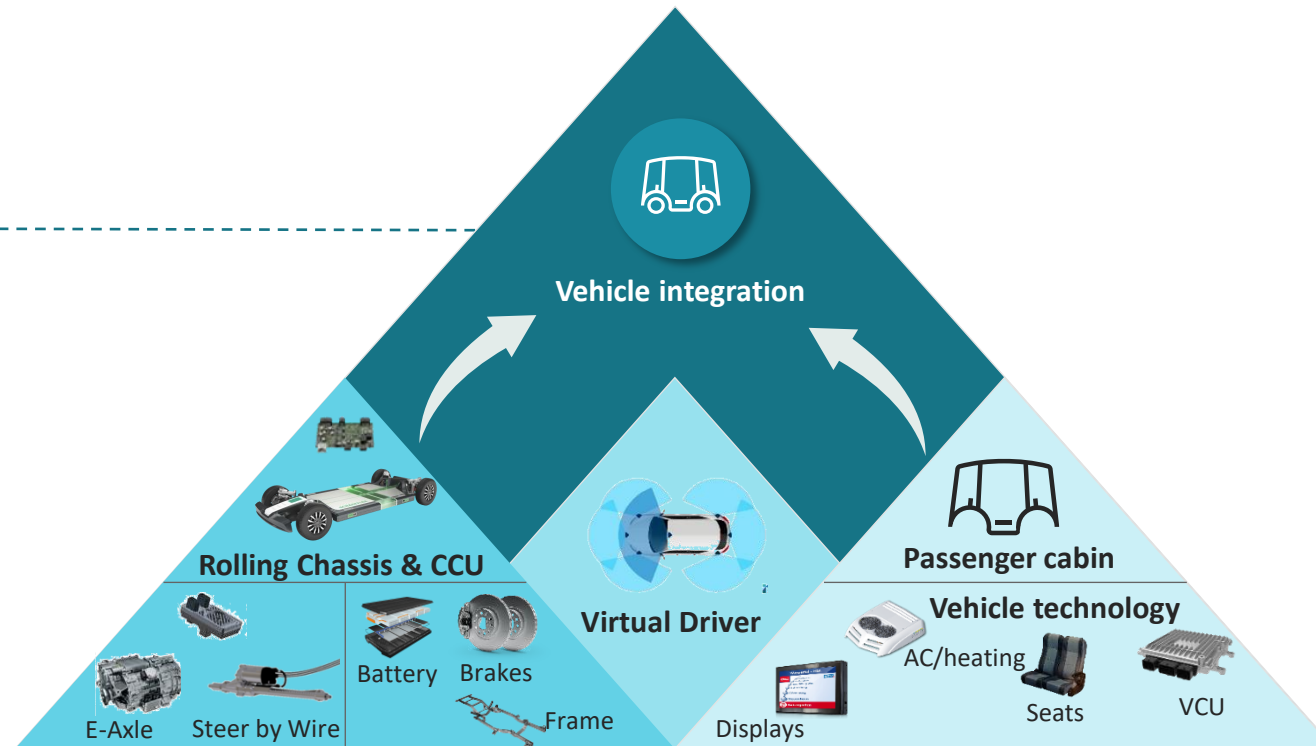
Services

Ecosystem – Public transport



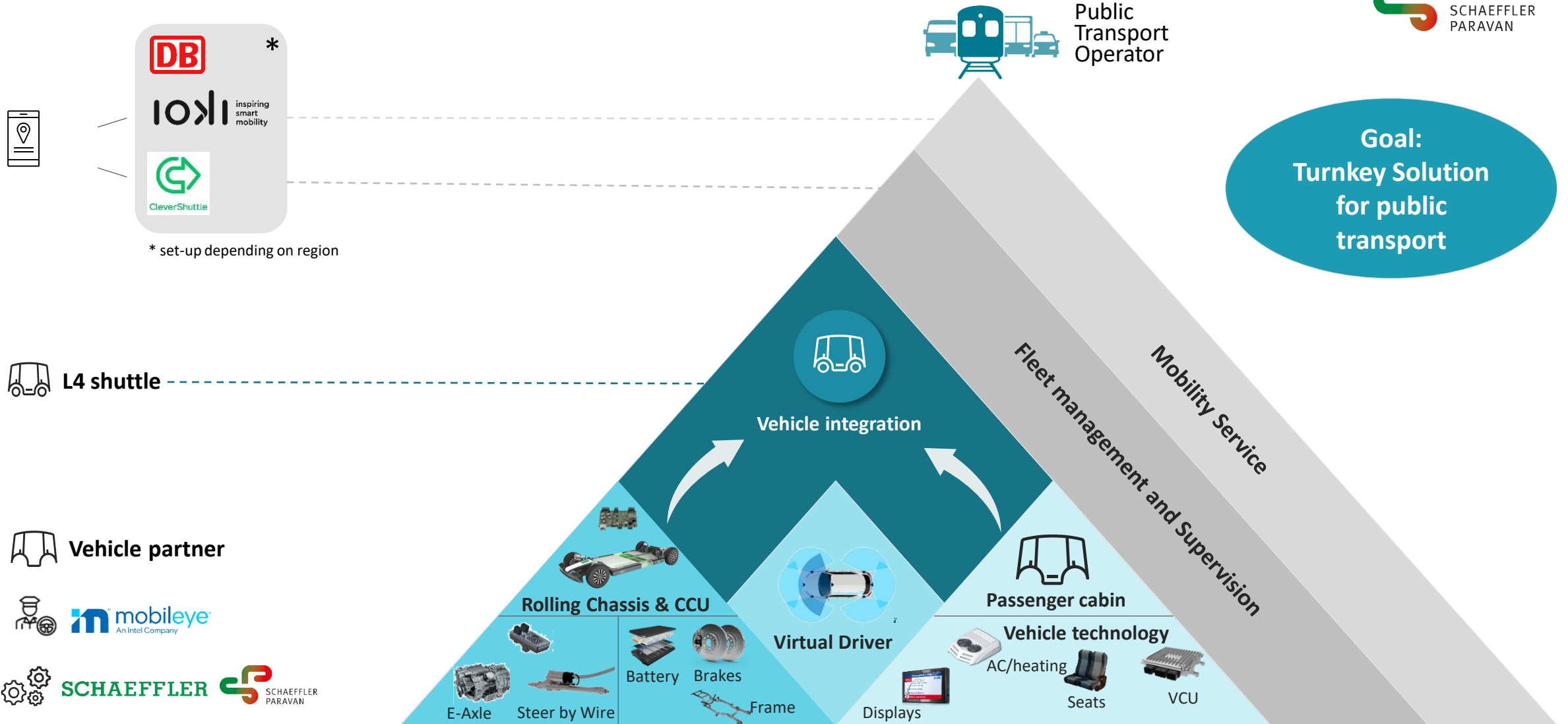
 L4 shuttle

 Vehicle partner



CCU: Chassis Control Unit | VCU: Vehicle Control Unit

Ecosystem – Public transport offer with a network of strong partners



* set-up depending on region

Goal:
Turnkey Solution
for public
transport

CCU: Chassis Control Unit | VCU: Vehicle Control Unit

Design Study – Public transport shuttle

driven by
 **mobileye**
An Intel Company

No external
infrastructure
required

on-demand
pooling
possible



Seamless integration of AD sensors

v_{\max} : 80 km/h

10 seats+ wheel chair or 2 folding chairs

Automated Wheel Chair Ramp

Battery: ca. 90 KWh

Photovoltaik as range extender (optional)

Conductive, automated charging

Additional views



Handicap access



Individualization

Interior



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10 full seats

1 wheelchair or
Additional 2 seats

Timeline



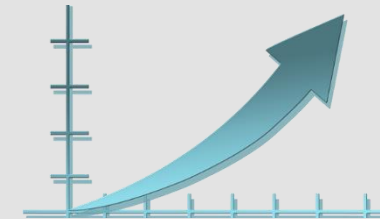
Schaeffler Mover

Rolling Chassis concept

Demonstrator + Testing

Pilot project

Scale



2018

2021

actual

Depending on:

- > Ecosystem
- > Financing
- > Tenders
- > Releases
- > ...

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