



GROUP OF COMPANIES

safely
home

Autonomous Shuttle pilots in Western Canada



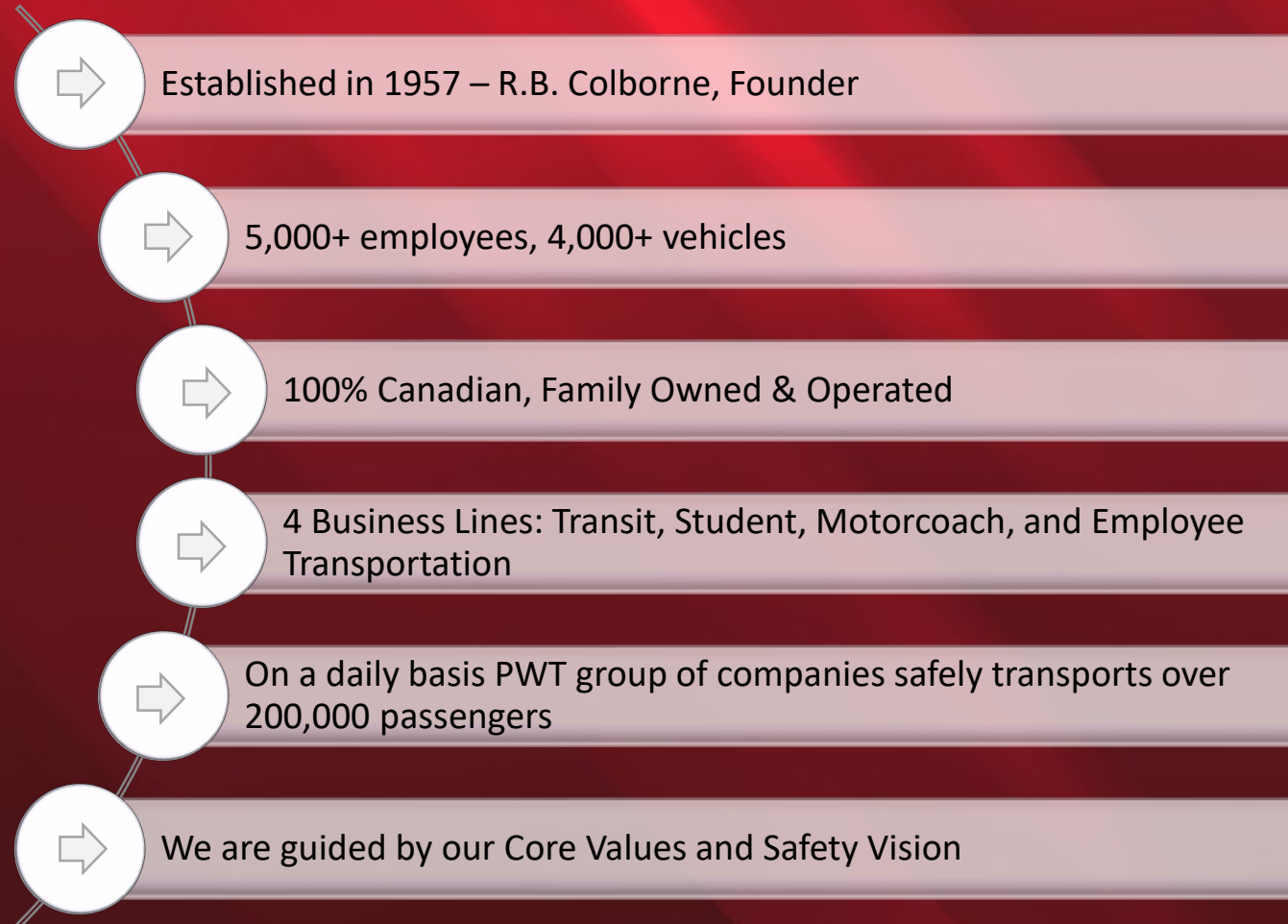
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ABOUT PWT

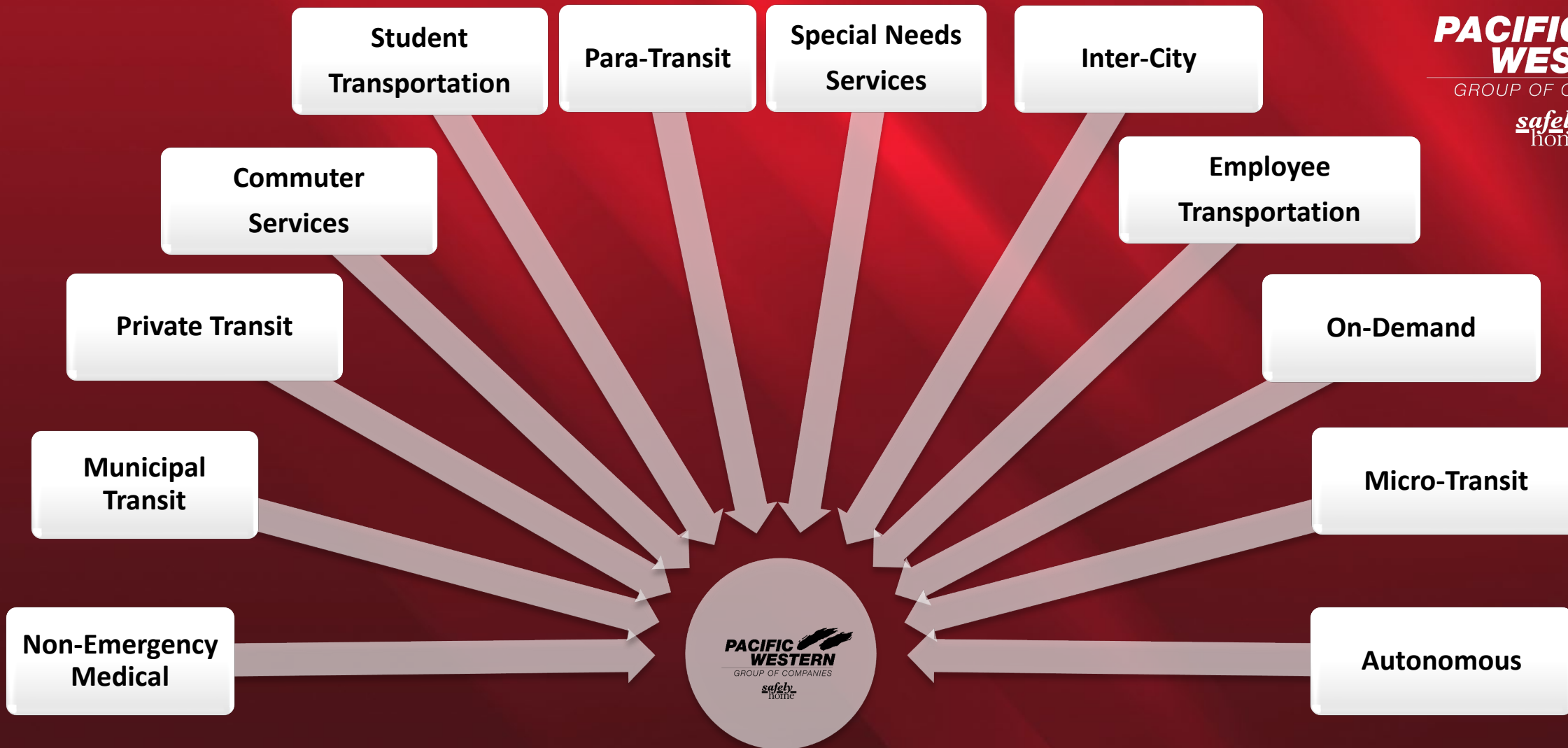


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ELA

“ELectric Autonomous”

City of Calgary
Spruce Meadows
Telus Spark
Calgary Zoo
City of Edmonton
Blachford
Strathcona
Brookfield
Grey Cup 2019
U of A
Reynolds Museum
Surrey
Vancouver
City of Beaumont – Mixed
Traffic



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CALGARY, AB

ELA operated a route of about 750m between the Calgary Zoo C-Train station and TELUS SPARK. The intent of ELA was to provide a last-mile connection to TELUS Spark.



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EDMONTON, AB

Strathcona

It was inevitable that ELA would face snowy conditions. During the Strathcona pilot it sank to -15 with snow fall. This didn't stop ELA or over 1000 passengers from experiencing AV technology. The shuttle was able to navigate through cold wind and snow, and not only remain functional but exceeding expectations.



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SURREY, BC

ELA at the Vision Zero Summit 2019 in Surrey, BC.

Pictured here is ELA next to a Tesla (right) and two Hyundai's (left) all of which are 100% Electric!



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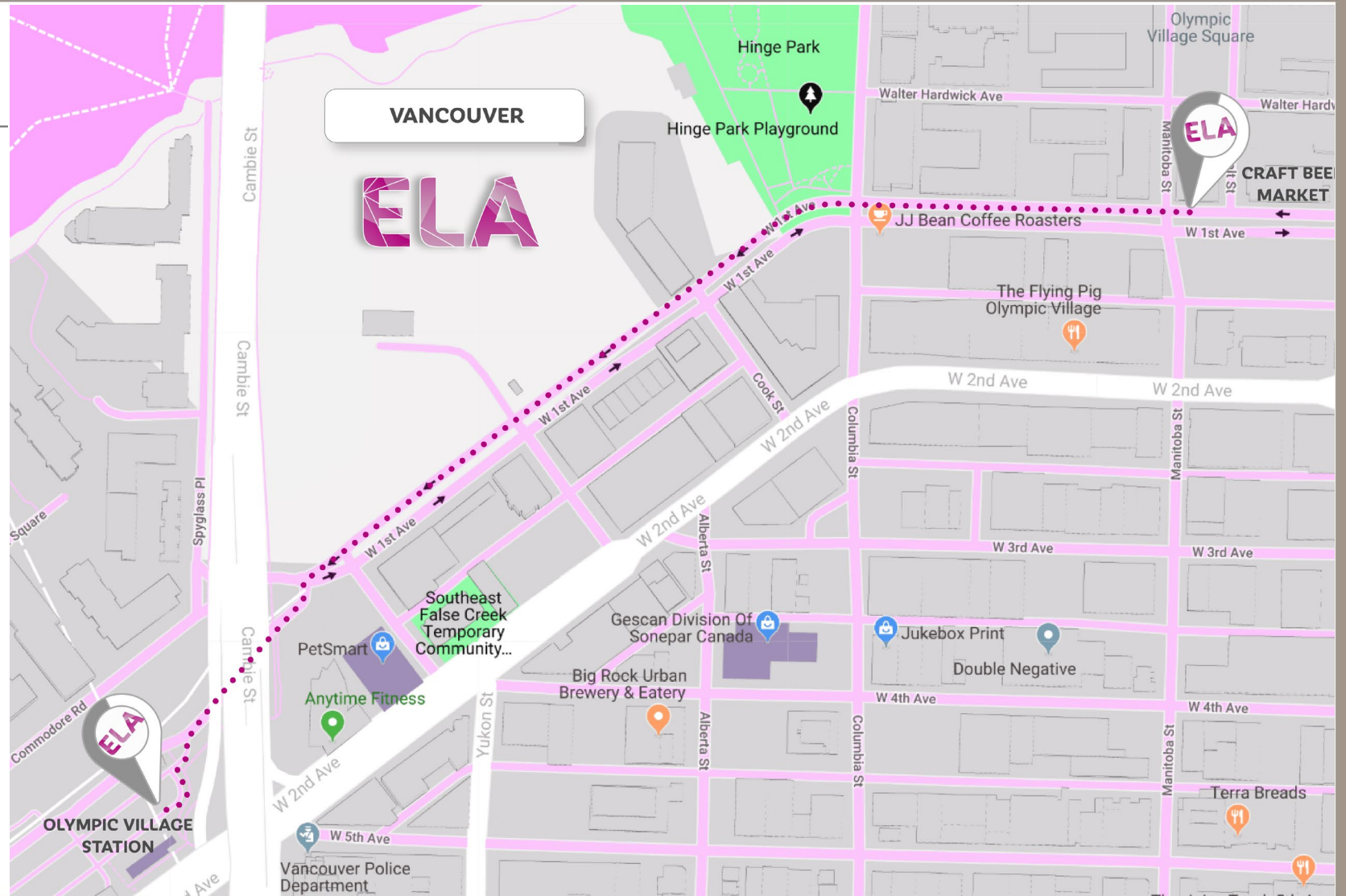
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VANCOUVER, BC

Smart City Challenge bid to create Canada's first collision-free multimodal corridors using smart mobility technologies. Together, Surrey and Vancouver hope to "set the standard for other cities in Canada" to follow their lead into utilizing smart technology in transportation, and Pacific Western is helping make that happen.



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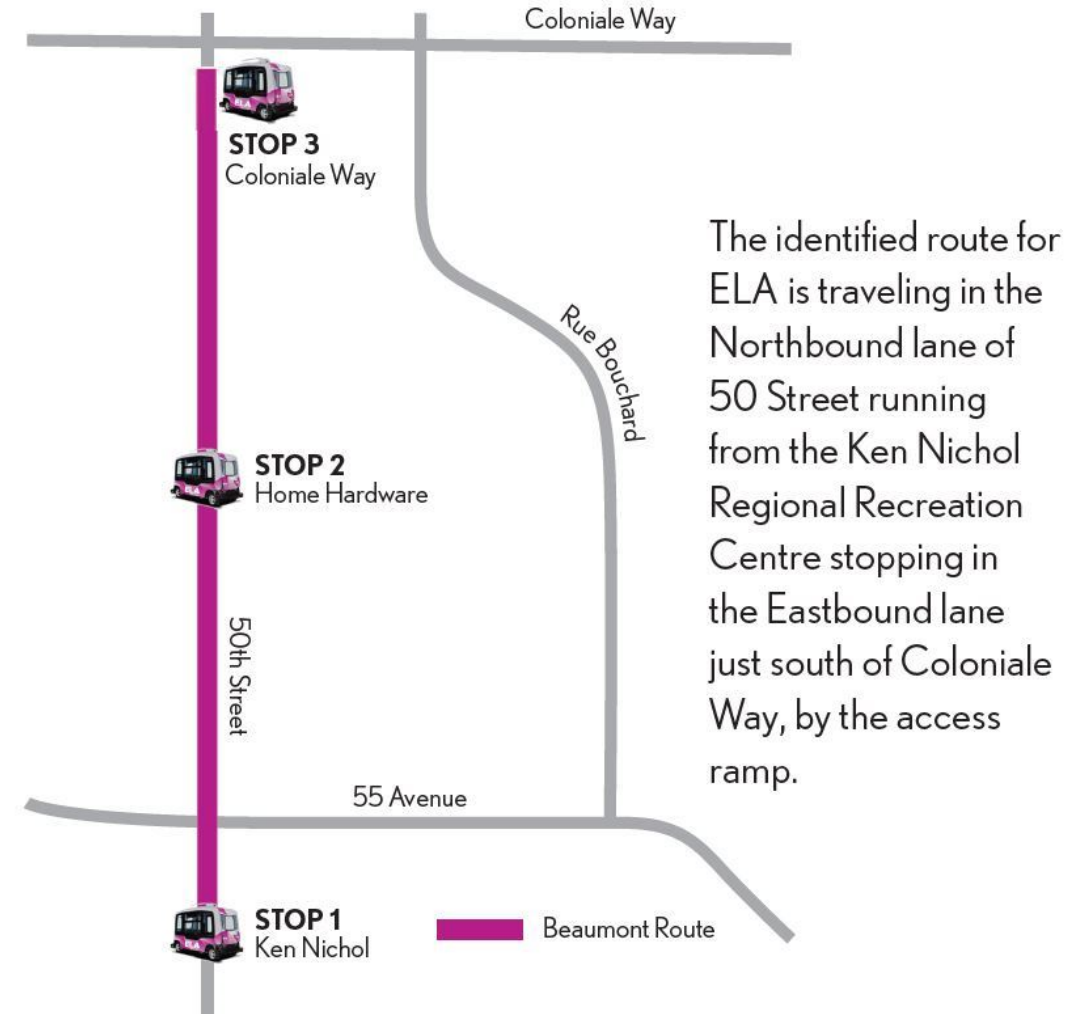


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BEAUMONT, AB

Beaumont and PWT studied how we – as citizens – react, interact and respond to autonomous vehicles. With Beaumont being Canada's first city to pilot the integration of ELA into mixed-use traffic scenarios that encompass traffic signaling and human interaction, it is exciting progress to see how this technology can impact our everyday lives and how it can potentially build connectivity with the region.

- First deployment integrated within a community – not an “attraction”
- Mixed interaction
 - Partially segregated lane
 - Mixed Traffic through intersections and crosswalks
- First Autonomous Vehicle deployment integrating V2I Connectivity



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KEY DATA

202
Operating
Days

18,403
Passenger
Trips

Total Energy
Used -
2961.5 kWh

1616
Operating
Hours

2393 Miles
Travelled

Energy Cost
for the Year -
\$202.30
0.08 cent
per-mile



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KEY DATA - SURVEY

Approximately
30% of
passengers
provided
feedback

Over 85% felt
Safe

Over 75%
Prefer an on
board
attendant

Over 55%
Would feel
comfortable
on an open
roadway

Over 90% felt
Comfortable

Over 95%
Enjoyed the
trip

Over 85%
Would feel
comfortable
between 12 &
24/mph



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Thank You!

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