



Global Acceleration

How to respond to accelerating changes within the automotive market

October 8th 2025

SBD Automotive - Our Mission

sample clients we support

Helping the automotive industry develop **safe, secure, seamless & sustainable** mobility

Our Areas of Expertise



Connected



Autonomous



Shared



Electric



Secure

Our Services



Data



Insights



Testing



Decision Support

Our Offices

USA

UK

Germany

India

China

Japan



DENSO



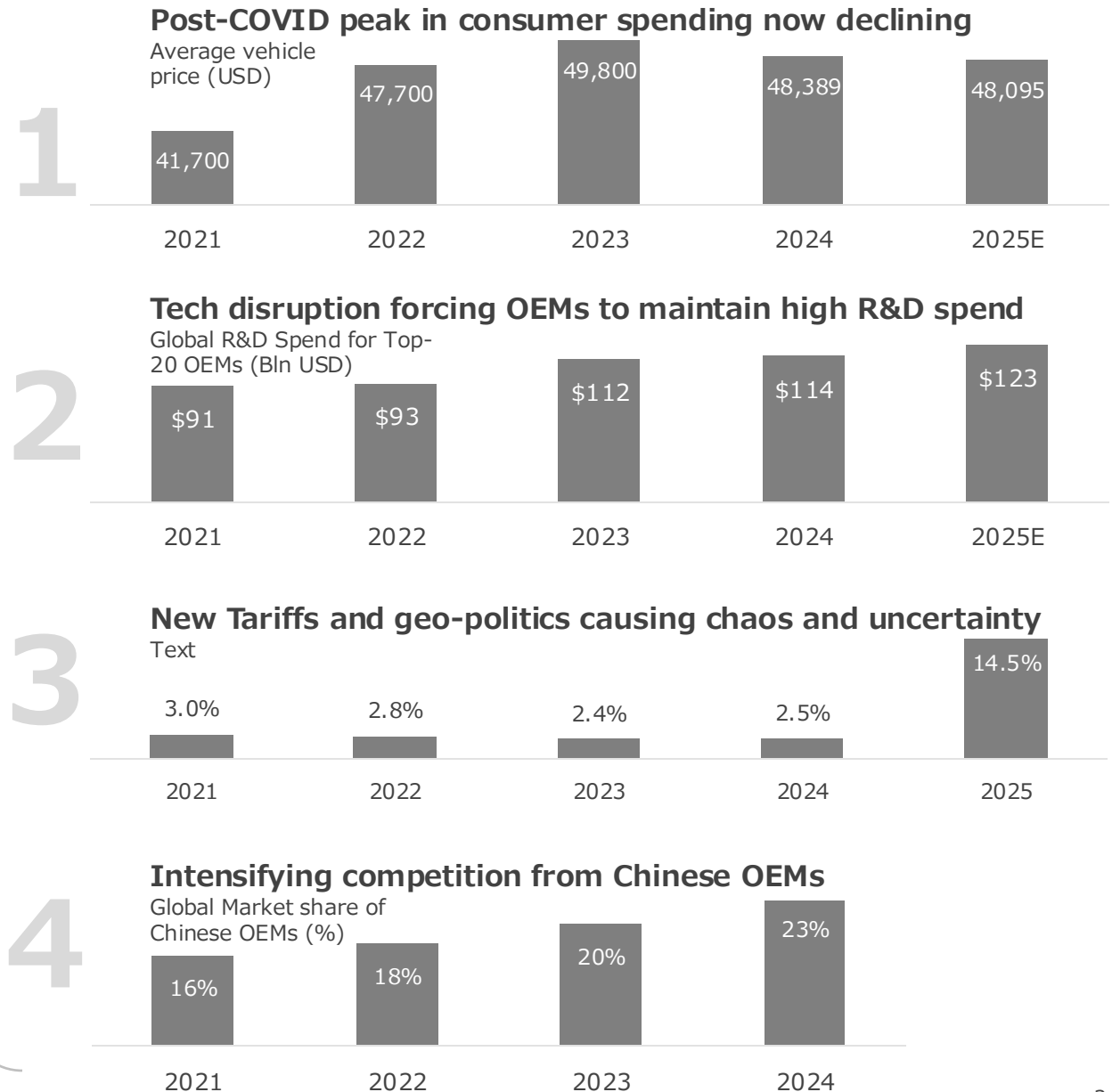
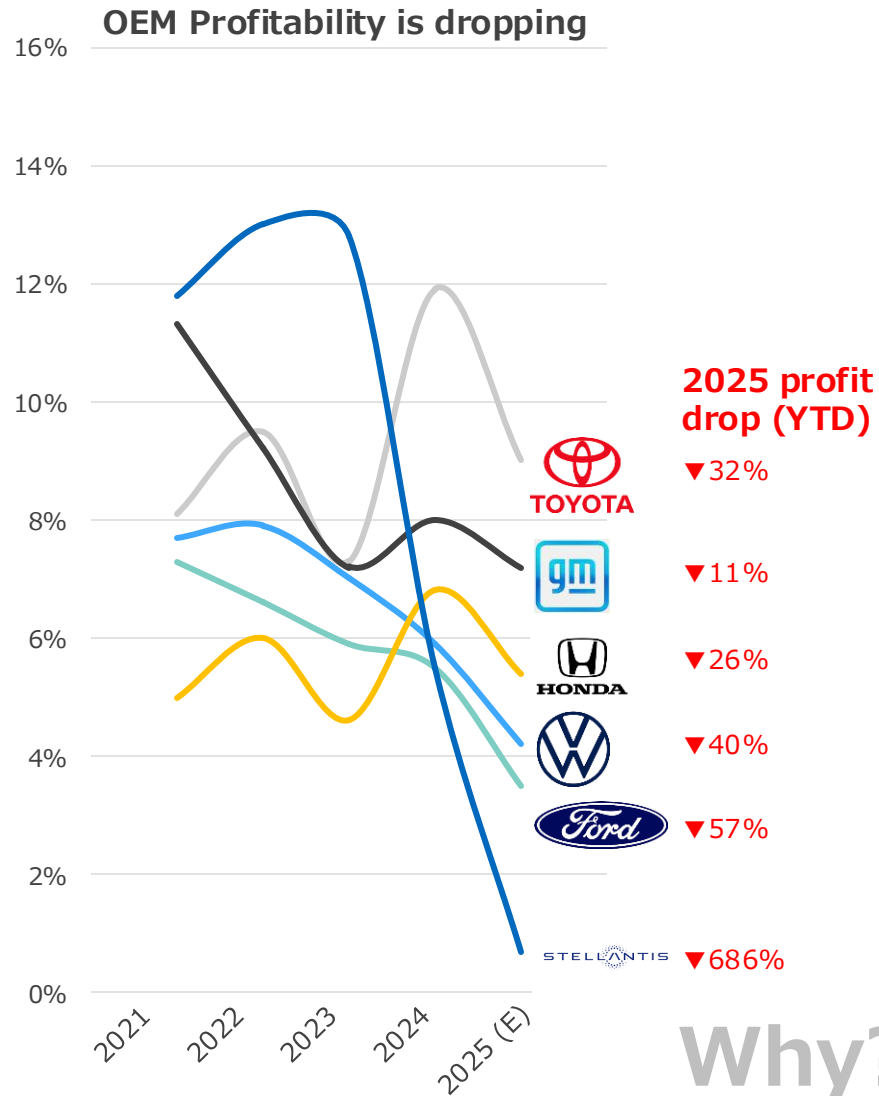
amazon



Microsoft



This is a tough time to be in the automotive industry



Most common question asked in meetings here in Japan:

How are
they moving
so fast?

Let's play a game of 'Spot the Difference'



VS



Organizational view
Operational view
Technological view

Spot the difference – Technological view



VS



Distributed

Centralized

# of ECUs▶	>40	<25
ECU development▶	<10% in-house	>70% in-house
ECU upgradeability▶	<30% of ECUs	>95% of ECUs
ECU customization▶	>60%	<20%
Compute power▶	Low	High
Compute efficiency▶	Low	High
Compute utilization▶	Low	High
E/E variants▶	>15	<5
Wiring harness▶	>4km	<1.5km
Components▶	Automotive grade	Non-automotive grade

Spot the difference – Operational view



VS



Certainty

Agility

OTA Responsibility ▶	Planning team	Platform team
Feature backlog ▶	3-year backlog	3-month backlog
Decision criteria ▶	Competitor data	Usage data
OTA Business case ▶	Upfront	Iterative
OTA Dev process ▶	Waterfall	Agile
Validation Testing ▶	Months (engineer-led)	Days (customer-led)

Spot the difference – Organizational view



VS



Consistency

Speed

Structure ►

Silo org
Bottom-up
Engineering-led

Start-up org
Top-down
Business-led

Culture ►

Fear of failing
Right first time
Profit-centric

Fear of being last
Fail & learn fast
Growth-centric

Partnerships ►

Keiretsu
Long-term
Collaborate

Arms-length
Transactional
Cannibalize

People ►

Experience matters
Age-friendly
Lifetime employment

Youth matters
Age-limited
Hire & Fire

Japanese OEMs can't win
by trying to play by
Chinese rules.

They need to win by
playing to their strengths.

#1

**Linking
decisions to
consumer
needs**

#2

**Building a
sustainable
business
model**

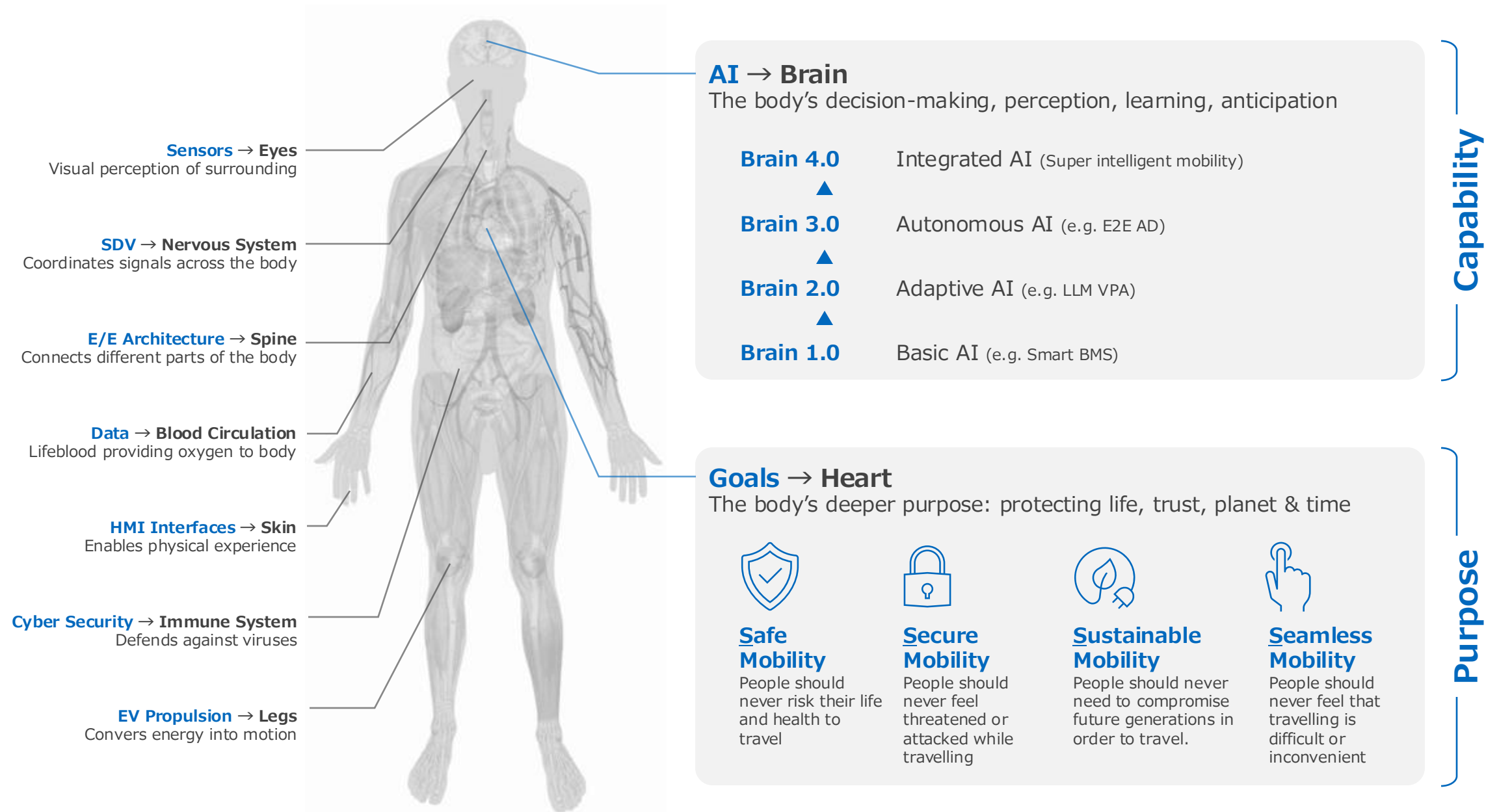
#3

**Adapting
operating
model &
culture**

#1 success factor: Linking decisions to consumer needs



The risk of jumping from SDVs, to AI-DVs to X-DVs



What do consumers value? Let's go back to basics



Fielded: **November/December 2024**

Type: **Online**

Total responses: **3,302**

Countries:



UK



Brazil



USA



India



Japan



China



Germany



South Africa

Car ownership:



56% (focus of this presentation)



44%

Age
ranges

16-27

24%

28-43

28%

44-59

26%

60+

22%

Gender
ranges



50.2%

49.5%



Residence



Urban

28%

Semi-urban



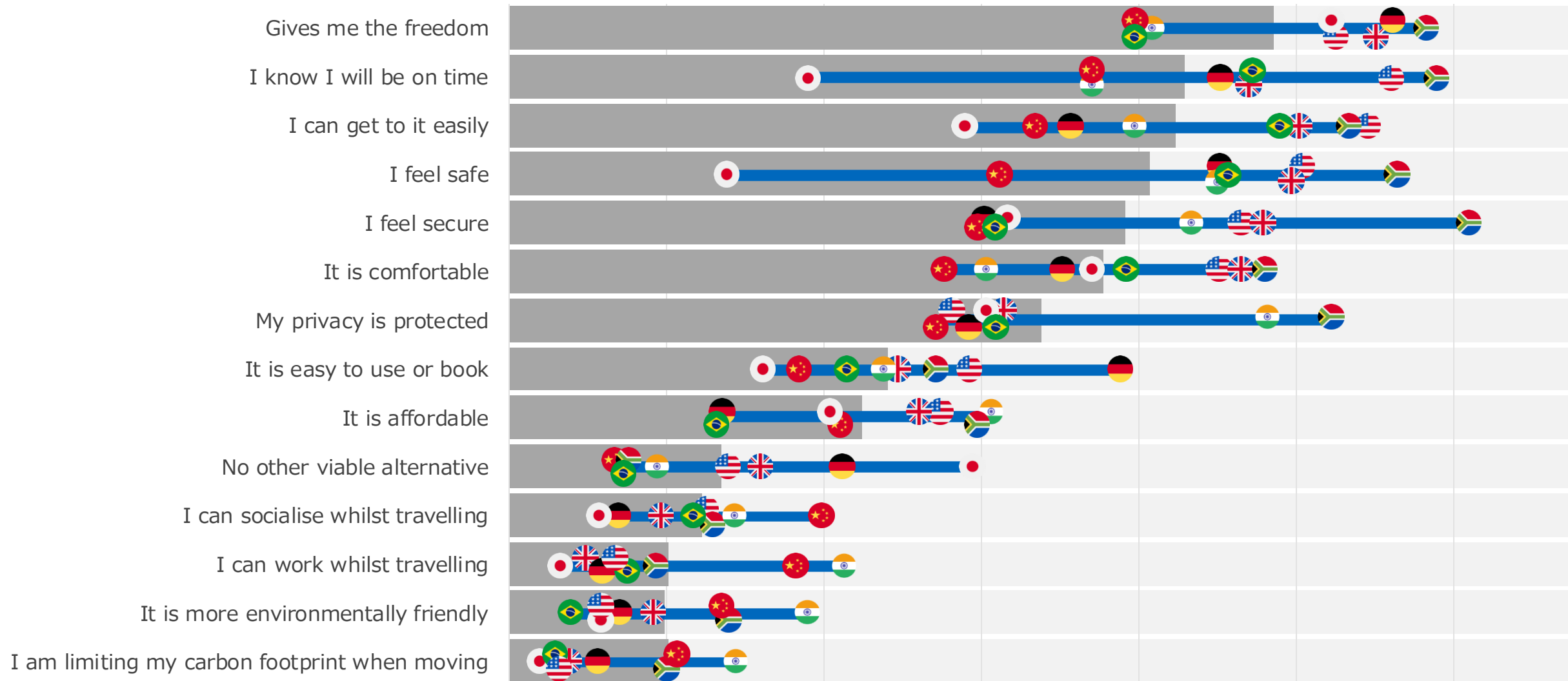
Rural

Differences on why consumers use cars (vs other modes)



% of respondents who agree with the following statements in relation to owning/using a car

0% 10% 20% 30% 40% 50% 60%



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% of respondents who agree with the following statements in relation to owning/using a car

0% 10% 20% 30% 40% 50% 60%

Gives me the freedom
I know I will be on time
I can get to it easily
I feel safe
I feel secure
It is comfortable
My privacy is protected
It is easy to use or book
It is affordable
No other viable alternative
I can socialise whilst travelling
I can work whilst travelling
It is more environmentally friendly
I am limiting my carbon footprint when moving

1. Clarity

Can you connect it to an outcome?



Ignore!

2. Focus

Is the outcome important enough?



3. Measure

Can you quantify the impact?



4. Balance

Are the trade-offs acceptable?



Go!

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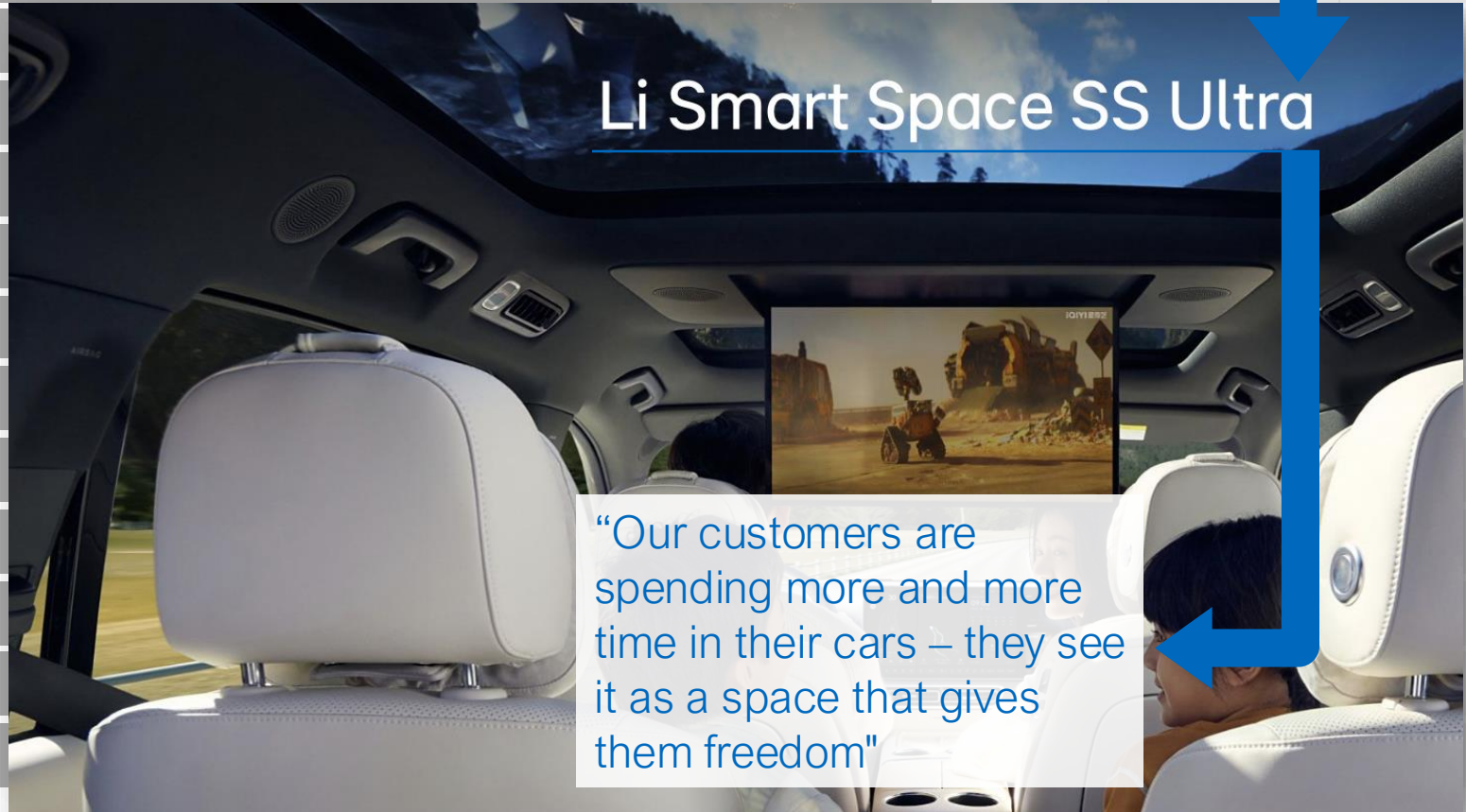
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#2 success factor: Building a sustainable business model



Established OEMs have big hopes for growing Lifetime Value



Software revenue realization per car/year

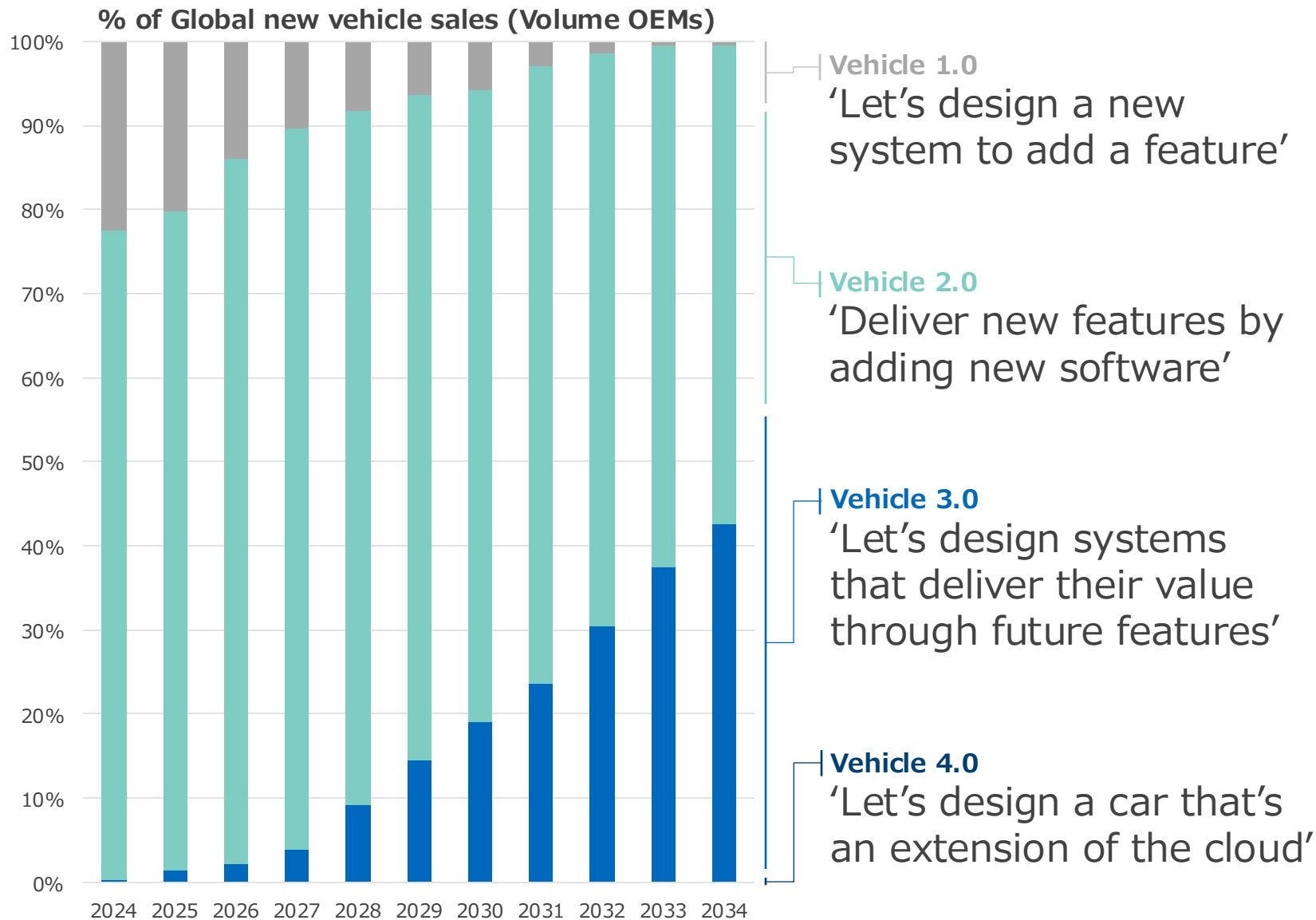
2023/24

Future/planned



Note. Definitions assigned to software services are different from one OEM to another so these figures may not be comparable 1:1 (e.g., fleet management services are included by some)

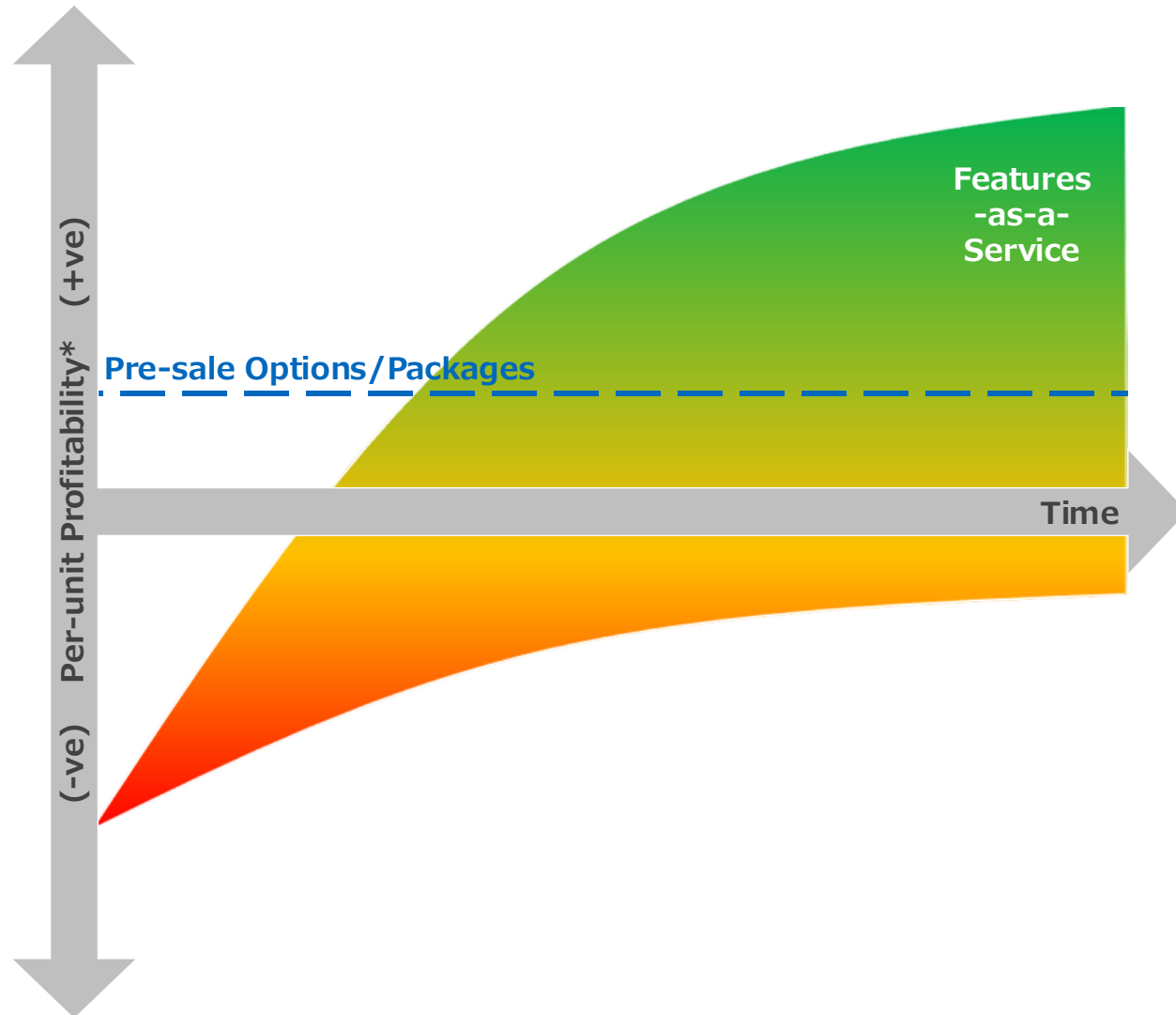
...and are investing in SW platforms to tap into this value



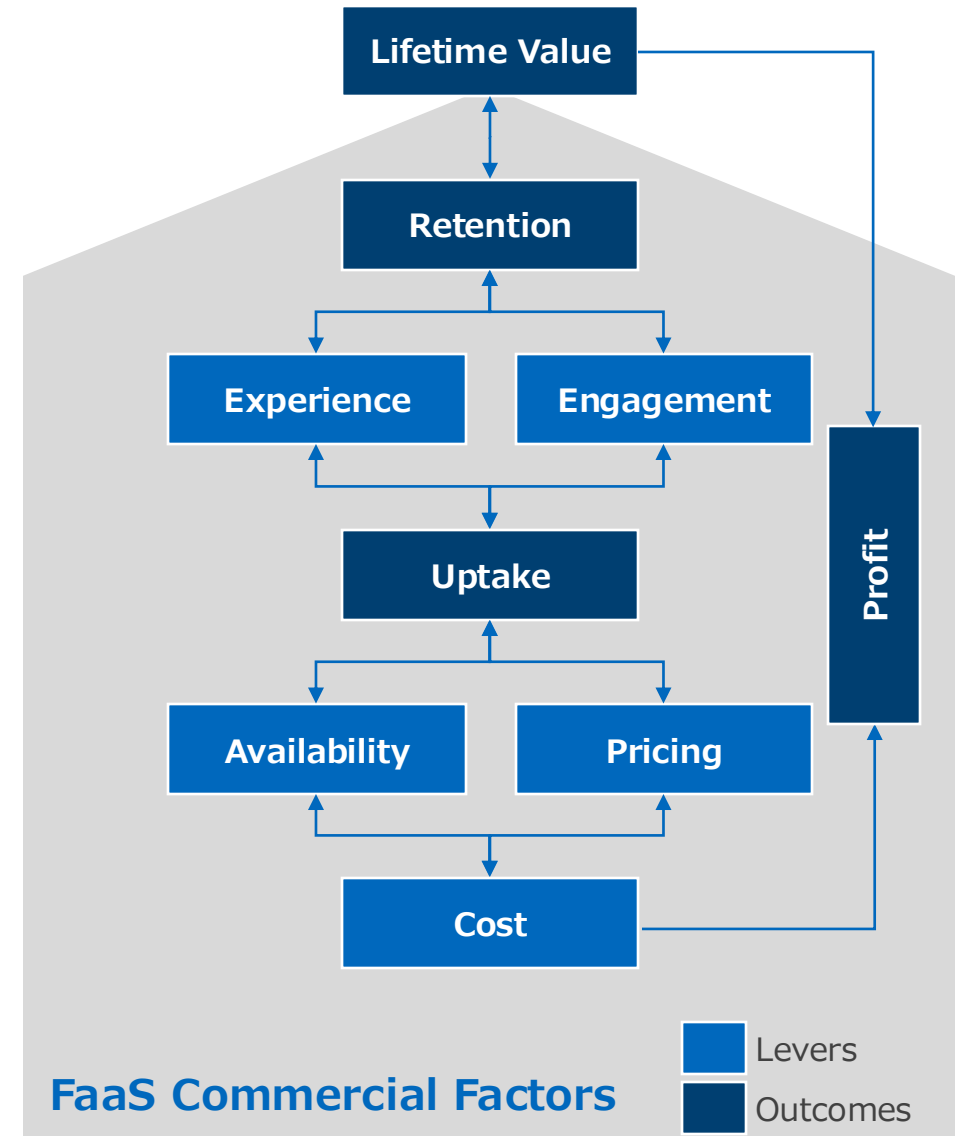
But success also requires new business & engagement models



OEM push towards FaaS/FOD...



...requires a lot to go right



#3 success factor: Adapting operating model & culture



Org Strategy	Examples
Project team Scrappy team set up to deliver quick & dirty solution	JLR (Gen 1)
Function-lead Major function (typically engineering/IT) takes lead	  HONDA
Business Unit New team with own P&L set up & given 'full' ownership	STELLANTIS (SWX) (SW Dev Centre)
Subsidiary Subsidiary spun-off to create more freedom & agility	   (CARIAD) TOYOTA (Woven) (Onstar)
Acquisition Investment or acquisition of capabilities from outside	(Rivian/Xpeng investment)
Partnership External partner leveraged to deliver end-to-end solution	VOLVO (GAS)
Platform-first Highly vertically integrated HW/SW functions from Day 1	  TESLA

Automotive SW programs rarely fail because of org structures or resourcing, but rather a **lack of retrospection, alignment & decision-making governance.**

Organizational factors that increasingly affect feature planning



Cohesion

'We all agree on where we're going'

Having clear and shared goals

Questions teams should be asking themselves

1. How clear is the P&L ownership for SW/Services & Lifetime Value?

2. How aligned are teams around common X-functional 'Tier-2' goals/KPIs?

Aligning decisions to consumer needs

3. How strong and aligned is the understanding of consumer needs?

4. How clearly defined are the outer CX limits of the SW/Services platform?

Commitment

'We all buy into the plan'

Balancing patience vs agility

5. How strong & focused is the Board's commitment towards Lifetime value?

6. How good are teams at contingency planning and knowing when to pivot?

Focusing on and responding to the right things

7. How strong is knowledge management & signal contextualising/filtering?

8. How effective are teams at agreeing on de-contenting and simplification?

Collaboration

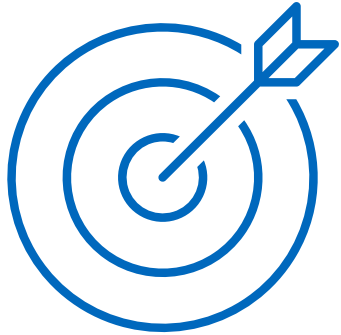
'We all work together to deliver'

Making decisions quickly and effectively

9. How strong are cross-functional decision-making processes & governance?

10. How much influence does the SW/Services teams have over vehicle decisions?





One P&L

- Single P&L covering both vehicle & non-vehicle sales
- Continuity of team support post-launch



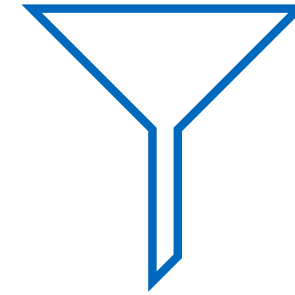
Early-Stage Scorecard

- Cross-functional vehicle program scorecard to assess early-stage competitiveness against common KPIs



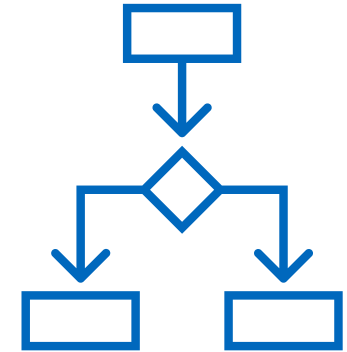
Golden CX Rules

- Globally-aligned set of personas and CX rules
- Direct connection between feature roadmap & golden rules



Unified Backlog

- Single common backlog for ideating, exploring & deploying OTA
- 2-week dev & beta testing goal



Tiered SW Governance

- Global governance program for evaluating SW decisions
- Tiered governance based on impact

#1

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#2

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#3

**Adapting
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THANK YOU

QUESTIONS?



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