



From Road to Cloud. From Virtual to Real.

Keynote Speech at KI Wissen Final Event | March 21, 2024

Gilles Mabire

Transformation of Mobility

Global trends revolutionizing the automotive industry



Automated Driving



Cloud Services



Internet of Things



UX Applications



Shared Mobility



36 %

Cars with over-the-air capabilities by 2026



2026

66% of OEMs plan to partner with software firms and system integrator firms



+400 %

New vehicles based on common software platforms grow from 7% today to 35% by 2031

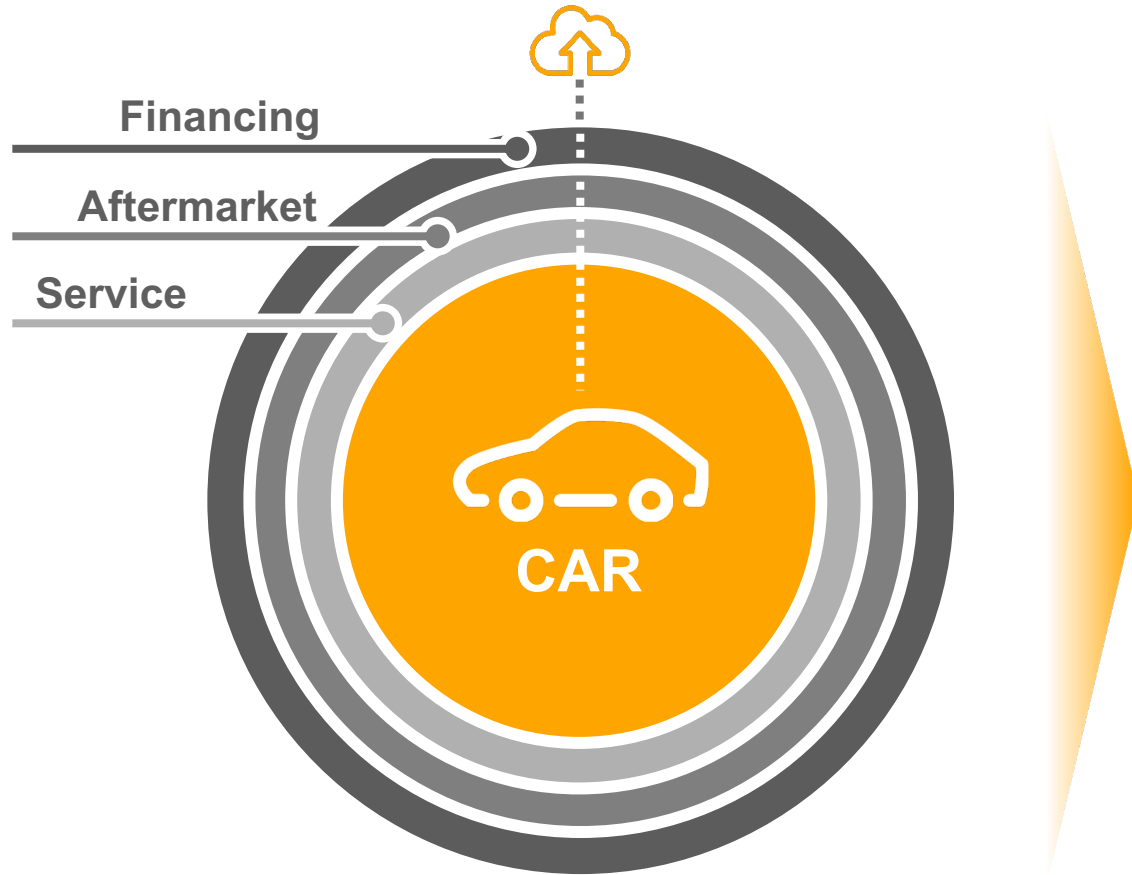


\$640 billion

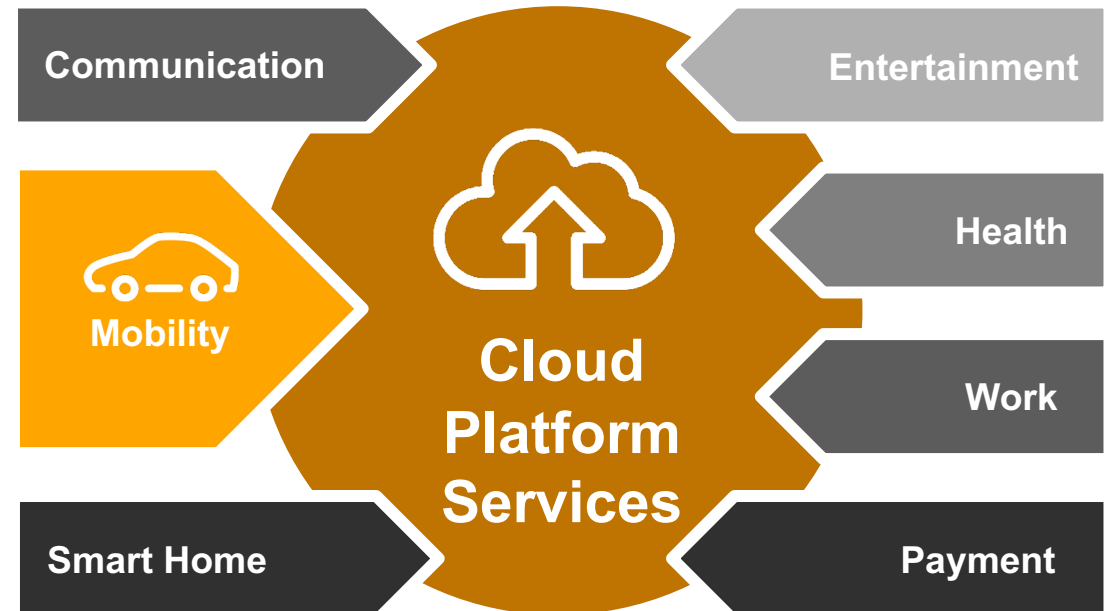
By 2031 software-based features and services will be a market worth \$640 billion

Transformation of Mobility

The car is turning into a system within a system of systems

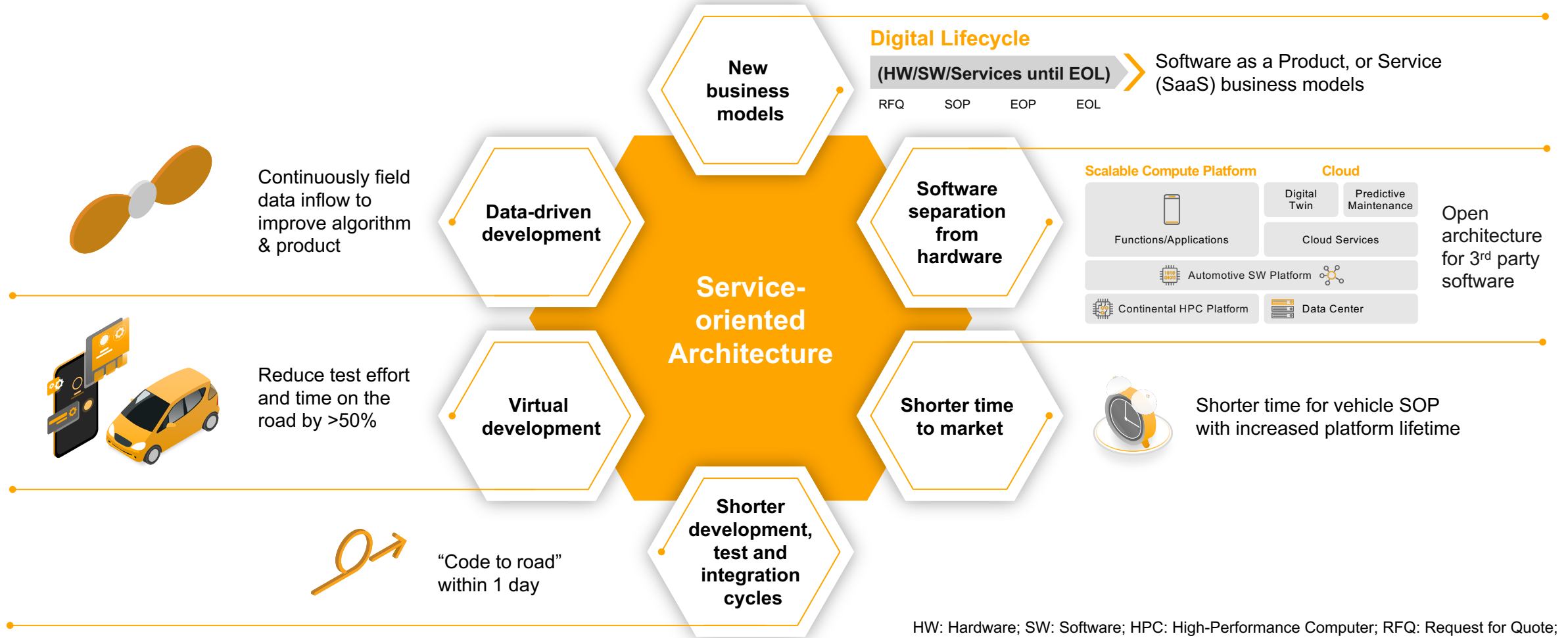


Internet Connectivity



Advantages of the Software-Defined Vehicle

What to accomplish with the software-defined vehicle?



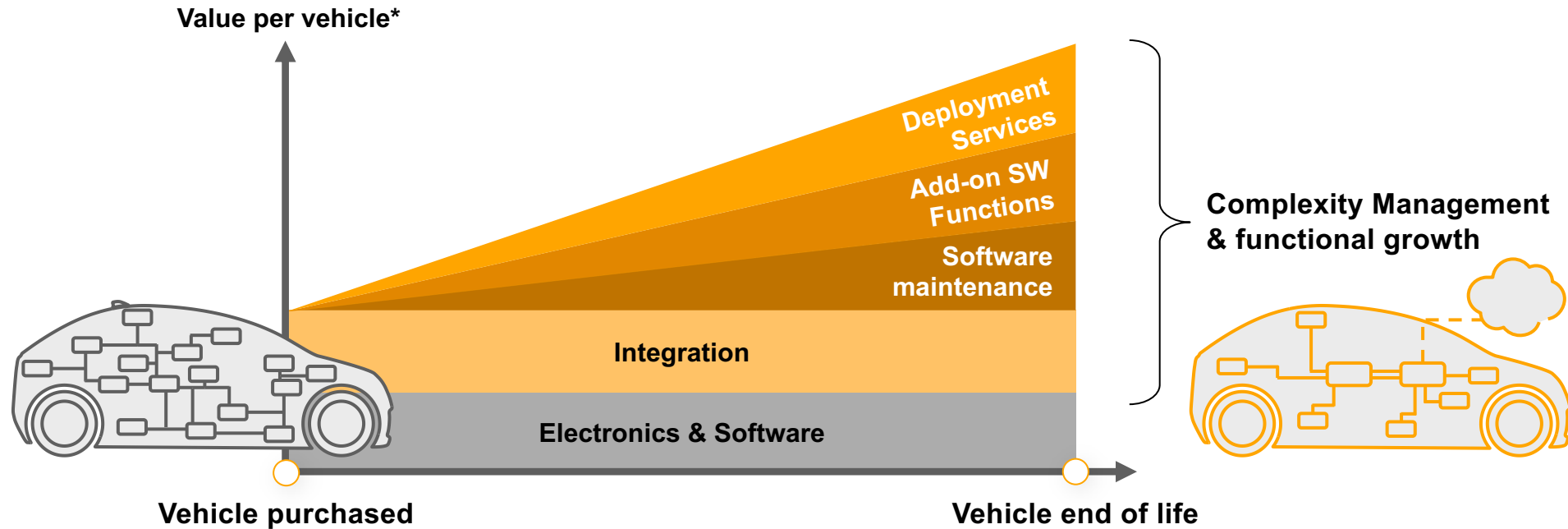
HW: Hardware; SW: Software; HPC: High-Performance Computer; RFQ: Request for Quote; SOP: Start of Production; EOP: End of Production; EOL: End of Life

The Software-Defined Vehicle

Additional value streams increase complexity

Up2now

Going forward



* Not to scale; for illustrative purposes only



road to cloud ecosystem

ENABLE. DEVELOP. INTEGRATE.

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1011
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April 10, 2024

Road to Cloud Ecosystem

Enable. Develop. Integrate.

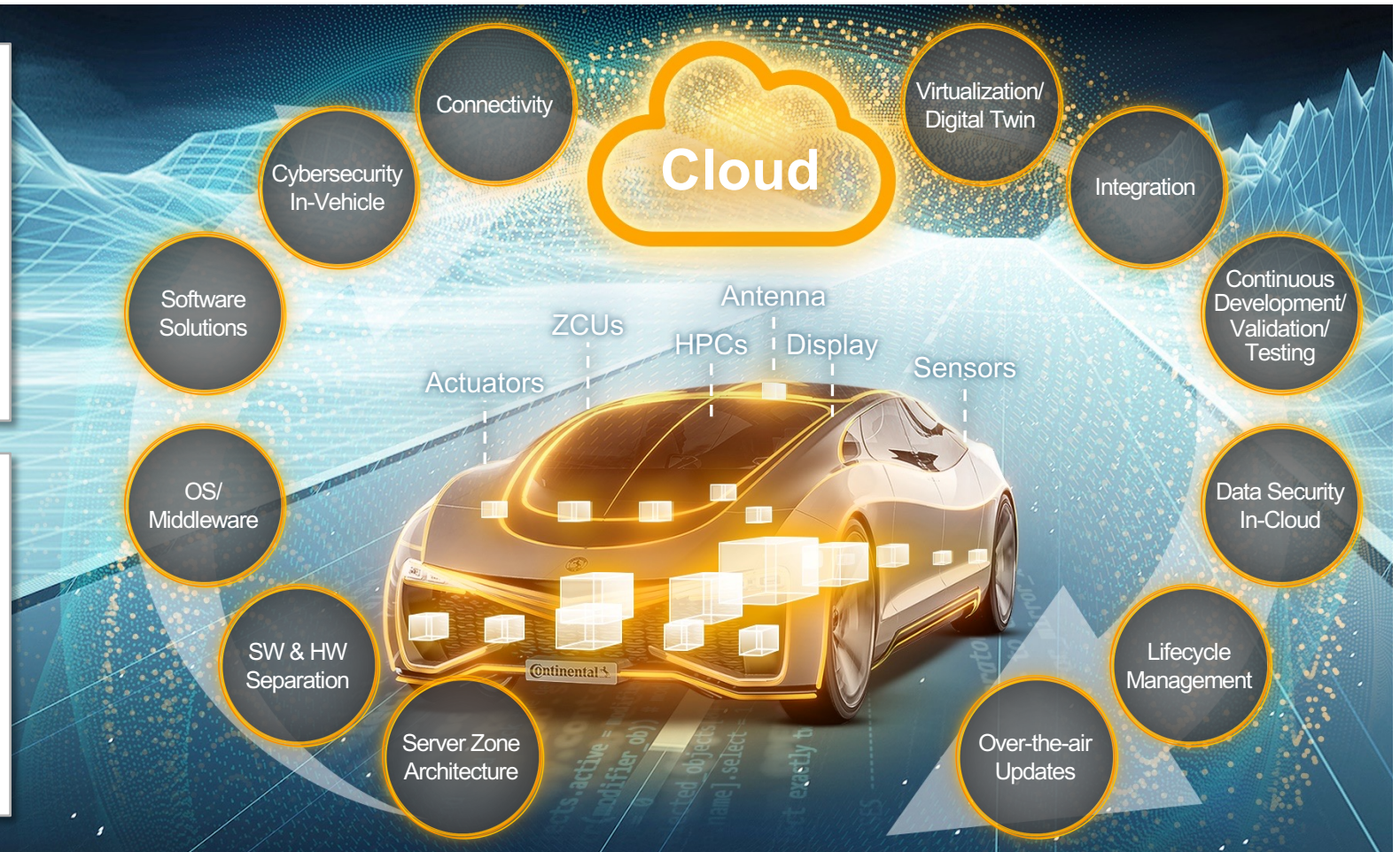
In the Software-defined Vehicle (SDV), functions are enabled by software.

Decoupling software from hardware enables swift and continuous development, testing & implementation of new functions and software updates throughout vehicle lifetime.

OUR APPROACH:
The road to cloud ecosystem

Within this we deliver:

- › enabling technologies,
- › hardware components and
- › software solutions and functions.



Artificial Intelligence (AI) at Continental

Continental's vision on AI: The AI empowered company

AI empowered **mobility**

A composite image illustrating AI in mobility. On the left, a blue Continental truck is shown. In the center, a futuristic car interior with a large digital dashboard is visible. On the right, a woman stands on a balcony, interacting with a glowing blue sphere. The background shows a city street with a bus and other vehicles, all overlaid with various digital and AI-related icons.

Keep and increase revenues through AI enabled products and services

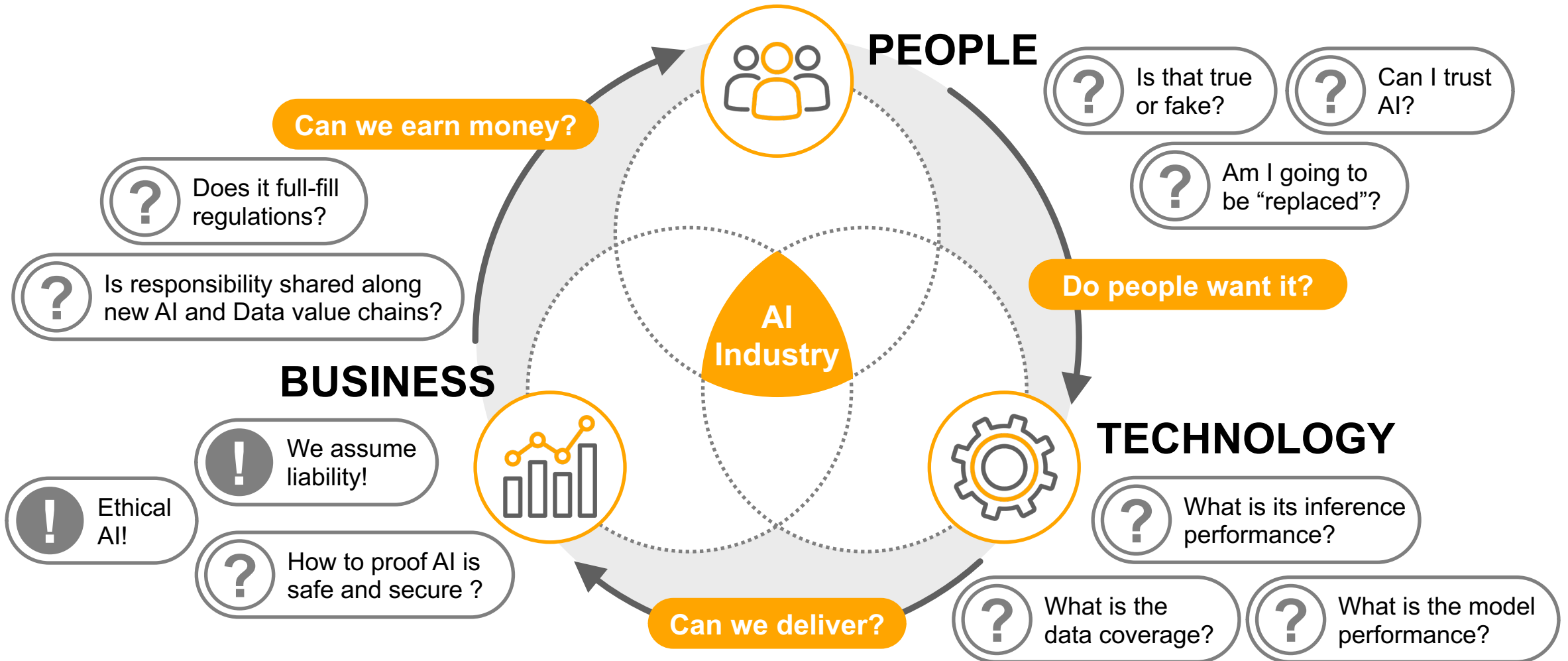
AI empowered **employee**

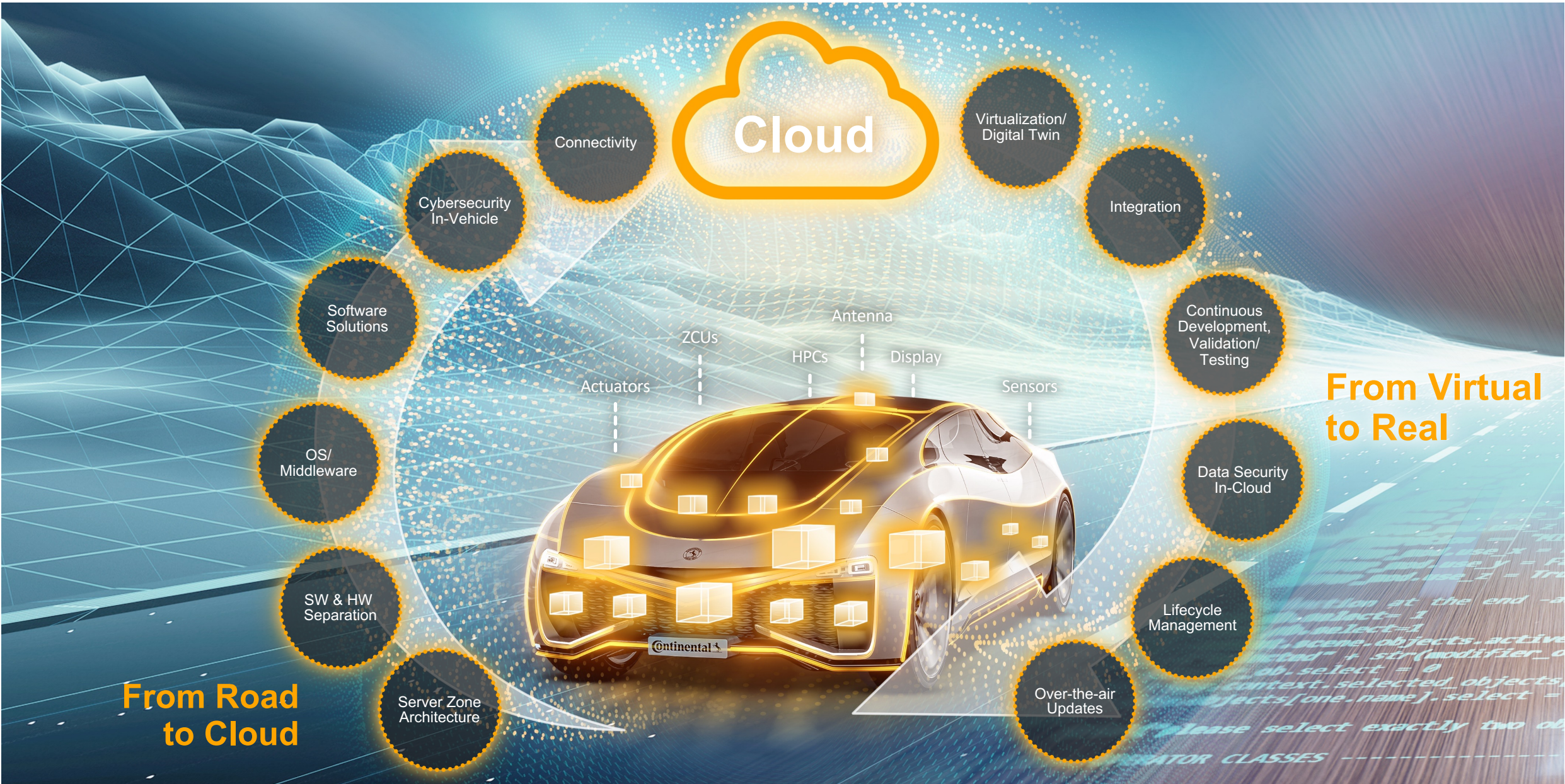
A composite image illustrating AI in the workforce. A woman stands in a modern office building, interacting with a glowing blue sphere. Above her are two callout boxes: 'Code Generation' with a person and code icon, and 'AI Assistant' with a speech bubble icon. The background shows a city street with a bus and other vehicles, all overlaid with various digital and AI-related icons.

Increase productivity through AI automation and data driven decisions

AI Empowered Company

AI is about people, technology and business





**From Road to Cloud.
From Virtual to Real.**
Thank You For Your Attention!