Glen De Vos

Chief Technology Officer, SVP Mobility & Services

APTIV

RBC Auto Tech Conference 2018

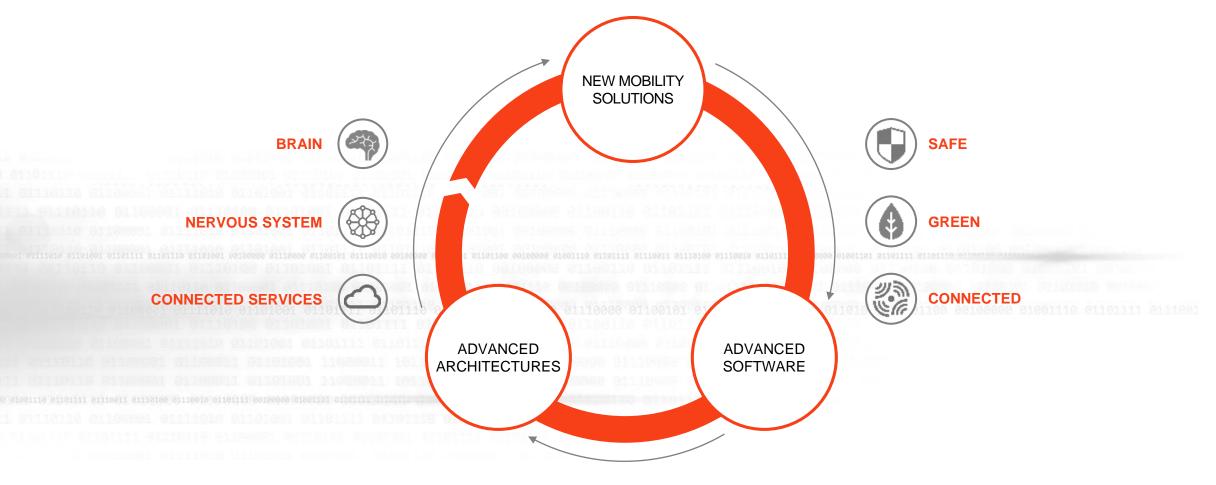


Forward Looking Statements

This presentation, as well as other statements made by Aptiv PLC (the "Company"), contain forward-looking statements that reflect, when made, the Company's current views with respect to current events, certain investments and acquisitions and financial performance. Such forward-looking statements are subject to many risks, uncertainties and factors relating to the Company's operations and business environment, which may cause the actual results of the Company to be materially different from any future results. All statements that address future operating, financial or business performance or the Company's strategies or expectations are forward-looking statements. Factors that could cause actual results to differ materially from these forward-looking statements are discussed under the captions "Risk Factors" and "Management's Discussion and Analysis of Financial Condition and Results of Operations" in the Company's filings with the Securities and Exchange Commission. New risks and uncertainties arise from time to time, and it is impossible for us to predict these events or how they may affect the Company. It should be remembered that the price of the ordinary shares and any income from them can go down as well as up. The Company disclaims any intention or obligation to update or revise any forward-looking statements, whether as a result of new information, future events and/or otherwise, except as may be required by law.

Increasing Need For Software & Systems Integration

NEW VEHICLE FEATURES, FUNCTIONALITY AND VALUE INCREASINGLY DEFINED BY SOFTWARE



Software & Computing Requirements Expanding

FEATURES DEMANDING STEP FUNCTION IMPROVEMENTS IN SOFTWARE COMPUTING

TODAY

TOMORROW

ENHANCED VEHICLE CAPABILITIES



SOFTWARE COMPLEXITY

COMPUTING POWER



SOFTWARE COMPLEXITY

COMPUTING POWER

SAFETY

Increased safety and control functionality



CONNECTIVITY

Increased communications protocols



INFOTAINMENT AND UX

Increased capability and customization



ANALYTICS

Access data to monitor vehicle performance



SMART PHONE INTEGRATION

AUTOMATIC EMERGENCY BRAKING





RECONFIGURABLE CLUSTERS





VEHICLE HEALTH MONITORING





LEVEL 4/5 AUTONOMOUS DRIVING









VEHICLE-2-EVERYTHING







8+ DISPLAYS, 40X IMPROVED GRAPHICS









DATA SERVICES



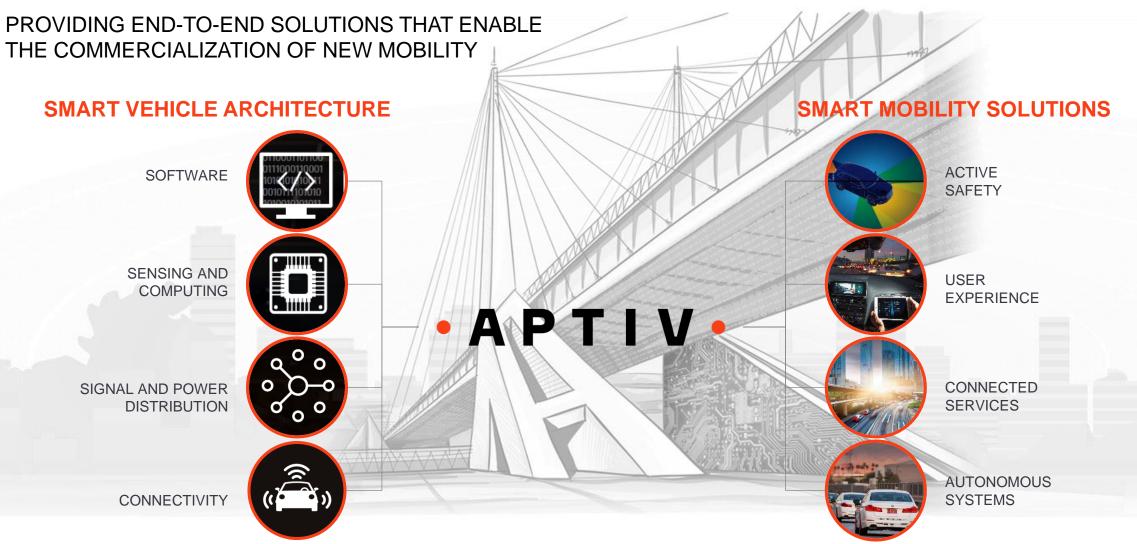








Addressing Mobility's Toughest Challenges



Enabling Automated Driving

UNMATCHED POSITION IN MOBILITY & SERVICES WITH DEEP CAPABILITIES IN SOFTWARE DEVELOPMENT, AUTOMOTIVE GRADE INDUSTRIALIZATION AND SYSTEMS INTEGRATION



~50 PhDs IN APPLICABLE FIELDS



250+ ENGINEERS DEVOTED TO AUTOMATED DRIVING



~100 CARS TODAY WITH 150+ ON THE ROAD BY END OF 2018



DEMONSTRATED AD CAPABILITIES IN **EVERY REGION**



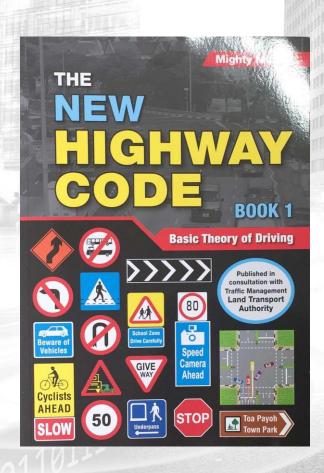
LEVERAGING TRADITIONAL RULES BASED AND AI APPROACHES TO AUTOMATED DRIVING SOFTWARE DEVELOPMENT





Aptiv's Approach: Structured Artificial Intelligence

COMBINING THE BEST OF BOTH APPROACHES



HOW DO WE TEACH PEOPLE TO DRIVE?

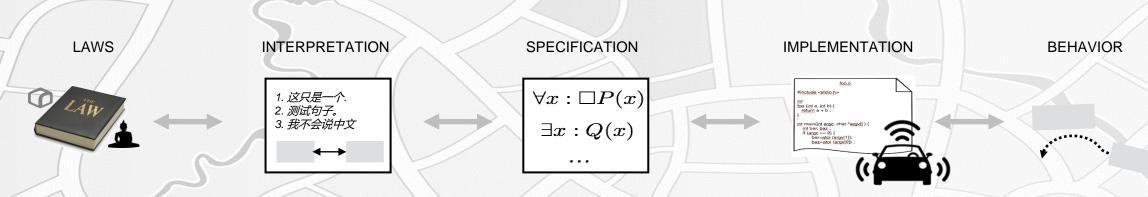
- We do not tell them exactly what to do in all situations
- We do not trust "experience" exclusively
- We do not necessarily rely on judge and jury for every accident
- We teach them the "rules of the road", best practices and hold them accountable

THERE ARE NOT TOO MANY RULES TO LEARN

- Who can drive what / when / where, and who has the right of way
- At what speed, and in which direction
- How to use/interpret active and passive signals
- Where can one park / stop

Benefits of Structured Artificial Intelligence

WE CAN GO FROM LAWS, TO SPECIFICATION, TO IMPLEMENTATION, TO BEHAVIOR AND BACK



APTIV'S APPROACH



- Easy to explain system of precisely expressed "rules"
 - Rules organized hierarchically with some rules more important than others
 - Potential rule violation is quantified and weighted with regard to same priority rule
- Easy for stakeholders to understand and give consent
- Easy to audit in all situations: Traceable, consistent, and expressive

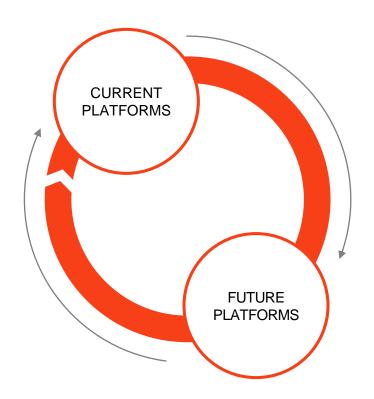
Enabling End-To-End Mobility Solutions

CONNECTING THE VEHICLE TO THE SURROUNDING ECOSYSTEM; DATA SERVICES AND SMART MOBILITY MOVE BEYOND THE VEHICLE TO CREATE VALUE.



Leveraging Mobility & Services Investments

ADVANCED CAPABILITIES HELPING DIFFERENTIATE CURRENT APTIV PLATFORMS AND INFORM PRODUCT ROADMAPS



ACTIVE SAFETY LEADING TO AUTOMATED DRIVING

- Existing strengths in sensing and compute core to unlocking functionality
- Demonstrated AD capabilities differentiate Aptiv, ensure scalability and reuse

CONNECTED SERVICES CAPABILITIES

- OTA evolves from development applications to full vehicle lifecycle management
- Embedding OTA on all applicable Aptiv products by 2020

SCALABLE ARCHITECTURES

- Ensuring OEM architecture are scalable from Level 2 today to Level 4 in future
- AD failsafe operational knowledge informing architecture product roadmaps

Summary

VEHICLE BECOMING A SOFTWARE DEFINED PLATFORM

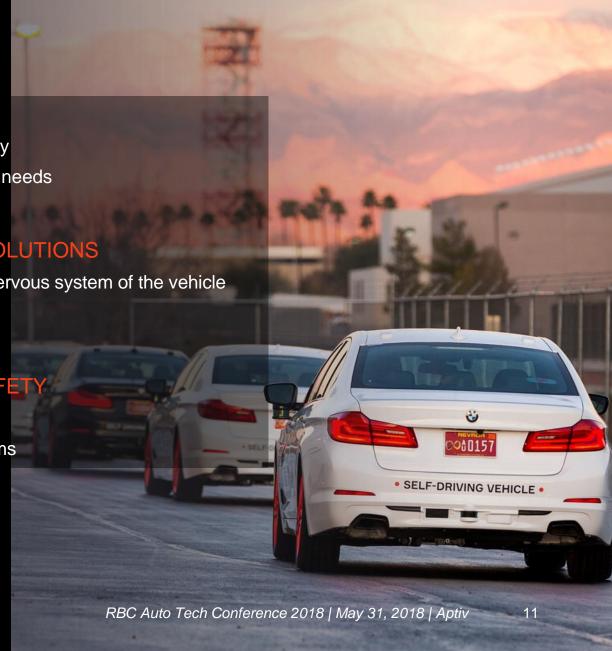
- Software driving value; increasingly enabling features and functionality
- Advanced hardware required to support increased data and compute needs

SMART VEHICLE ARCHITECTURE ENABLING MOBILITY SOLUTIONS

- Aptiv uniquely positioned to deliver solutions with both the brain and nervous system of the vehicle
- Optimizing system architecture for complexity, size, weight and cost

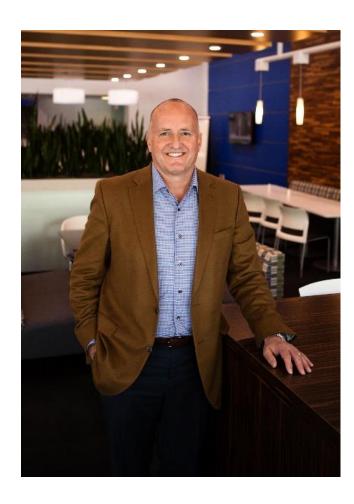
AUTOMATED DRIVING ON THE SPECTRUM OF ACTIVE SAFETY

- Al and other advanced capabilities unlocking new solutions
- Leveraging investments in future mobility solutions on current platforms



Glen W. De Vos

Senior Vice President and Chief Technology Officer



Glen De Vos is senior vice president and chief technology officer of Aptiv, a position he has held since March 2017.

In this role, Mr. De Vos is responsible for leading the company's innovation strategies and development of advanced technologies. As CTO, Mr. De Vos leads the global engineering organization, which includes more than 16,000 technologists located in 14 major technical centers across the globe.

Previously, Mr. De Vos served as vice president, Software & Services, Delphi Electronics & Safety (E&S), located at the company's Silicon Valley Lab in Mountain View, CA. He began his Delphi career with E&S in 1992 and following several progressive engineering and managerial roles in infotainment and user experience, was named vice president, Global Engineering for Delphi E&S in 2012.

Mr. De Vos has extensive business, engineering, and manufacturing experience including time at General Electric and ITT Power Systems.

Mr. De Vos received a Bachelor of Science in Engineering from Calvin College in 1982, a Bachelor of Science in Mechanical Engineering from the University of Michigan in 1983, and a Master of Business Administration from Ball State University in 1994.