

Evercore ISI Autotech & AI Forum

Autonomous Mobility

Ticker: CON
ADR-Ticker: CTTAY
<http://www.continental-ir.com>

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September 21, 2021

Autonomous Mobility

Leading Player with Track Record of Profitable Growth

Facts & Figures

1999

Supplied long range radar for first adaptive cruise control system

>100
million

Number of radar sensors on the market worldwide

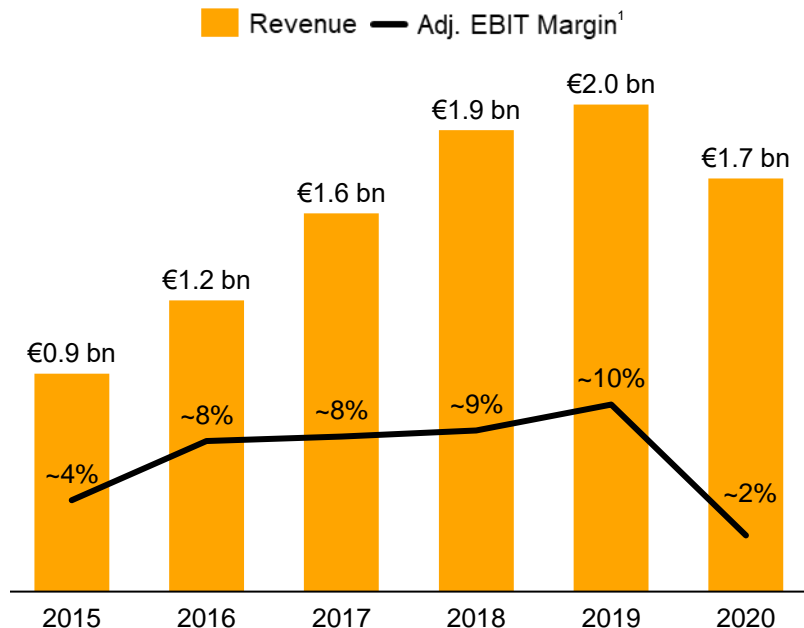
25 OEMs
>300 Models

Diverse and global customer base

>5,000
Engineers

Experienced, talented and dedicated work force

Solid Financials



¹ Before amortization of intangibles from PPA, changes in the scope of consolidation and special effects. Historical financials based on figures as reported in each respective year.

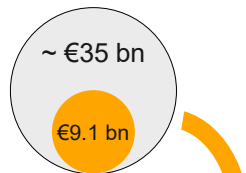
Autonomous Mobility

Sizable Mid-term Growth Opportunities from Higher AD¹ Levels

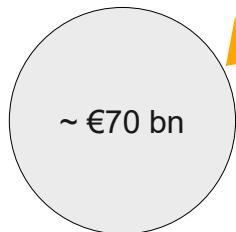
Growing Quote Pipeline

- Orders² by year of award
● Awarded to Continental

2018 – 2020



2022E – 2024E



Drivers

Content growth

Continental's addressable content per vehicle

- › L2: > €200, predominately sensors
- › L2+/++: > 2-4x L2, including AD HPC²
- › L3: > 10x L2, including AD HPC² and Lidar

From components to systems

Full system stacks becoming increasingly relevant

- › Trend toward centralized architectures
- › Customers increasingly looking for optimized system solutions
- › Significance of software growing rapidly

Services, system integration and functions

Emerging new business areas and models

- › Based in the cloud
- › Software as a Product
- › Mobility as a Service

¹ Assisted/automated Driving. ² Expected lifetime sales of business awarded.

Our Strategy

Investing to Meet Today's and Tomorrow's ADAS Market

Market

Near term:

L2 / L2+ / L2++ for passenger cars

Medium term:

L3 / L4 for passenger cars, trucks and fleets

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Current & Upcoming Customer SOPs

4D Radar
Surround Radar



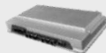
Smart camera
Satellite cameras



Flash lidar



AD High
Performance
Computer



Full system +
driving functions

- Intelligent Speed & Left Turn Assist
- Lane Keeping, Departure & Centering
- Adaptive Cruise Control
- ...



SOP 2025
L3 full system
solutions

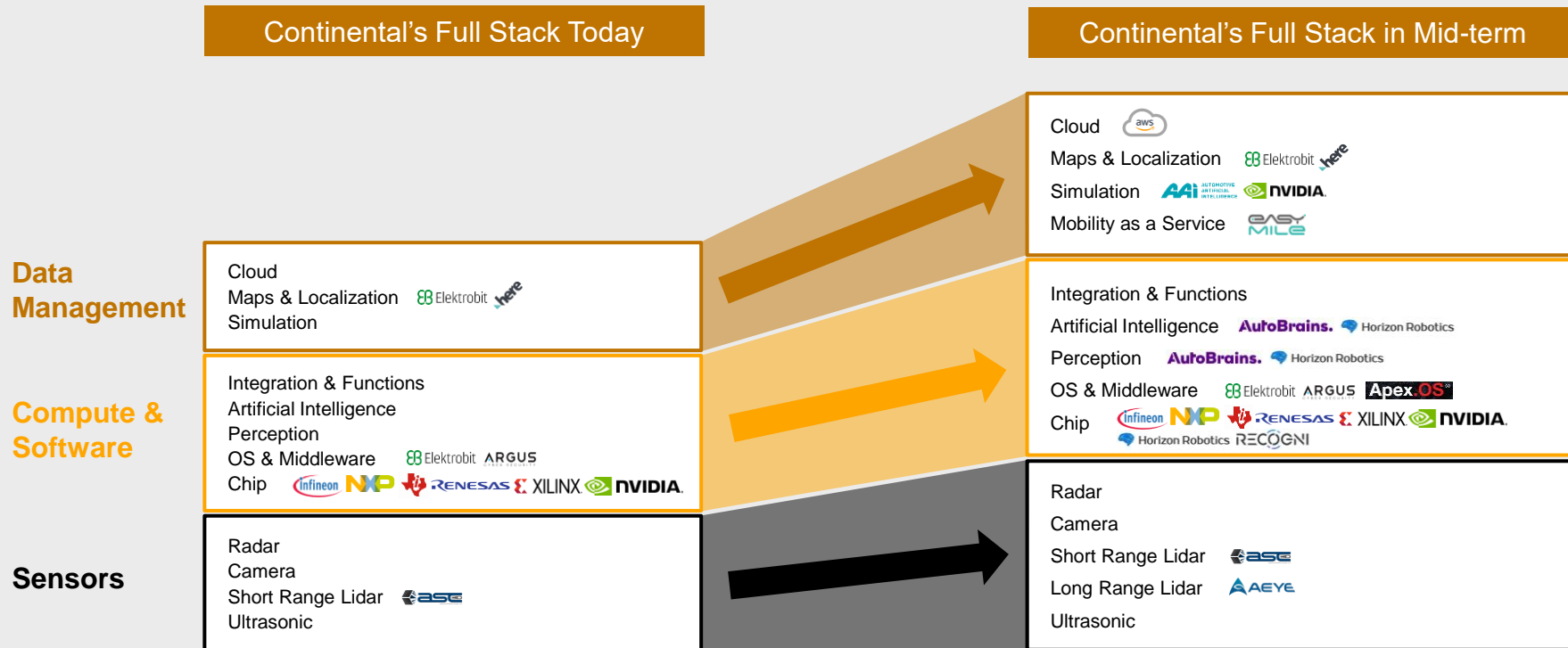
SOP >2025
L4 full system
solutions

Strategy based on:

- Investments in own know-how
- Partnerships
- Independent organization

Our Strategy

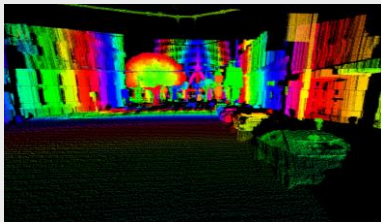
Utilize Position & Partnerships to Expand Full Stack Capabilities



Sensors

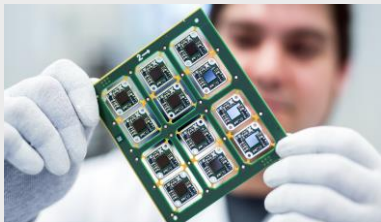
Strategic Cooperation with Lidar Leader AEye

Successful Partnership



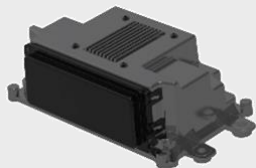
AEye's leading technology

- › Patented novel advanced MEMS technology
- › Dynamic spatial resolution enabling concurrent far range, high resolution and high sensitivity at minimized power consumption



Continental's system & industrialization capabilities

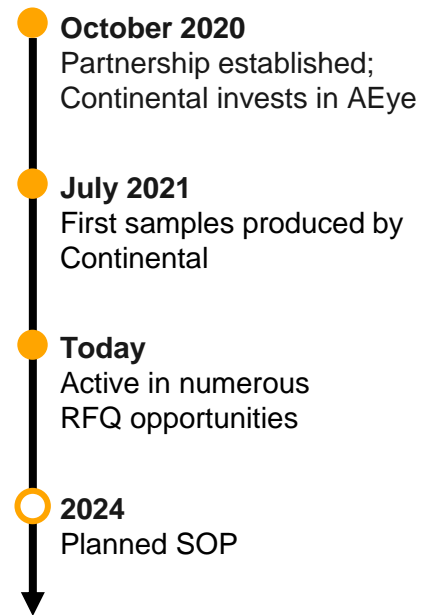
- › AEye technology integrated into full sensor stack solution
- › Production line established at existing automotive-grade production facility in Ingolstadt, Germany
- › Different designs in preparation to adapt to various applications



Joint business development

- › Product demonstrations on B0-samples ongoing; very positive customer feedbacks received so far

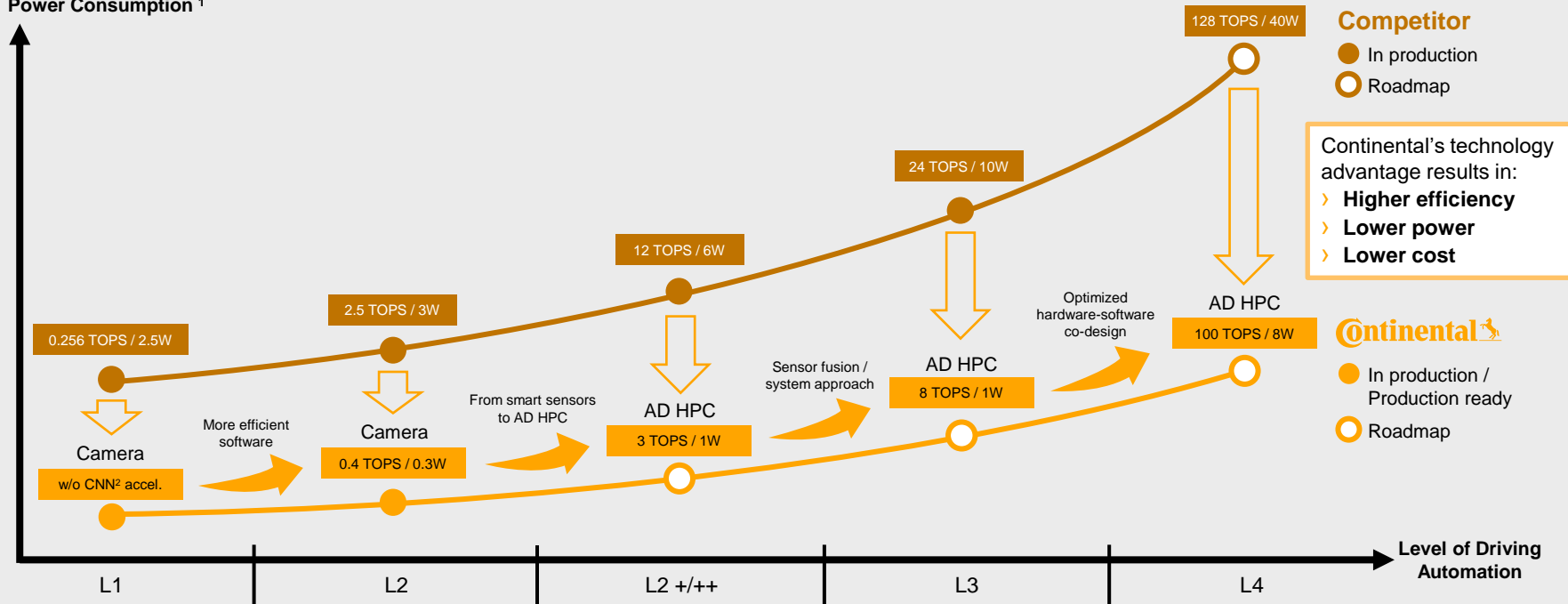
Timeline



Compute & Software

Our Goal is Higher Efficiency and Lower Cost In-Vehicle ADAS

Chip Performance /
Power Consumption ¹



¹ Power consumption by System-on-Chip (SoC) to generate required trillions of operations per second (TOPS).

² Convolutional Neural Network.

Compute & Software

JV with Horizon Robotics to be Strategic Advantage for Chinese Market



**Horizon
Robotics**

Background

- › Founded by Dr. Yu Kai in 2015 and headquartered in Beijing
- › Focused on advanced automotive applications
- › Launched Journey J2, China's 1st automotive-grade AI Processor in 2019
- › In volume production at numerous Chinese OEMs

Planned Joint Venture



- › Components
- › Full sensing stack with fusion
- › Industrialization and manufacturing



**Horizon
Robotics**

- › Computer Vision
- › SoC solution
- › Privileged access to Chinese customers

Solution for L2+ / L2++

- › Smart camera concept based on Horizon Robotics' computer vision SoC solution
- › Four customer RFI/RFQ engagements ongoing

**Target SOP:
2022**

Solution for L2++ / L3

- › Satellite camera's and ADCU by using Horizon Robotics CV SoC solution
- › Three RFQ engagements ongoing

**Target SOP:
2023**

Autonomous Mobility

Summary



We are a leading player in autonomous mobility with a track record of profitable growth

We will benefit from sizable mid-term growth opportunities from increasing autonomous driving levels

We will sustain our leading position by:

- › Utilizing our strong full stack capabilities
- › Investing in expanding our know-how
- › Integrating complementary technologies from innovative partners

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The Future in Motion