

Panel Discussion IEEE SA E&IP@ATD 2022

Amir Bar-Niv VP Marketing November 9, 2022

Forward-looking statements

Except for statements of historical fact, this presentation contains forward-looking statements (within the meaning of the federal securities laws) including, but not limited to, statements related to market trends and to the company's business and operations, business opportunities, growth strategy and expectations, and financial targets and plans, that involve risks and uncertainties. Words such as "anticipates," "expects," "intends," "plans," "projects," "believes," "seeks," "estimates," "can," "may," "will," "would" and similar expressions identify such forward-looking statements. These statements are not guarantees of results and should not be considered as an indication of future activity or future performance. Actual events or results may differ materially from those described in this presentation due to a number of risks and uncertainties.

For factors that could cause Marvell's results to vary from expectations, please see the risk factors identified in Marvell's Quarterly Report on Form 10-Q for the fiscal quarter ended July 30, 2022, as filed with the SEC on August 26, 2022, and Marvell's Annual Report on Form 10-K for the fiscal year ended January 29, 2022, as filed with the SEC on March 10, 2022, and other factors detailed from time to time in Marvell's filings with the SEC. The forward-looking statements in this presentation speak only as of the date of this presentation and Marvell undertakes no obligation to revise or update publicly any forward-looking statements.



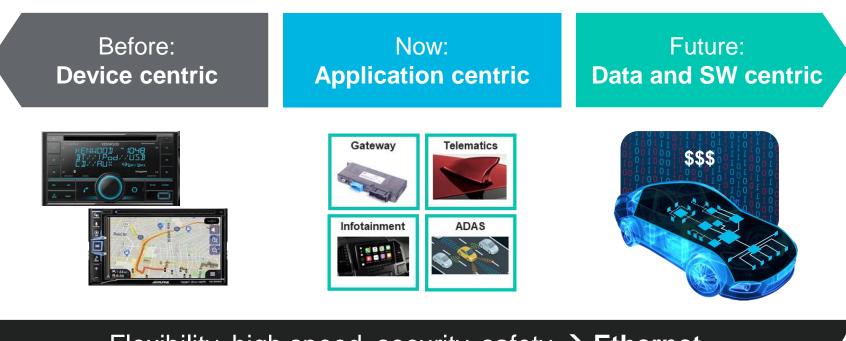
Amir Bar-Niv Vice President, Marketing

Amir Bar-Niv is the Vice President Marketing of the Automotive Business Unit at Marvell. In this role, he is responsible for the company's automotive strategy and product roadmap.

Amir has more than 30 years of experience including executive roles in engineering and marketing in the Automotive and Communication semiconductor industries. Prior to his role at Marvell, he served as Senior Vice President and General Manager of the High-Speed Interconnect group at TranSwitch Corporation (TXCC). Amir was Co-Founder of Mysticom, a provider of Multi-Gig Ethernet PHY products. Most recently, he was the Vice President of Automotive Marketing for Aquantia which was acquired by Marvell in 2019.

Amir is a Founder and President of the Network for Autonomous Vehicle (NAV) Industry Alliance and is the author of 14 granted patents.

Automotive industry transition to SDV



Flexibility, high speed, security, safety -> Ethernet

Software-defined vehicle

One time buy You get what you paid for

Service model **Pay as you go**





New business opportunities

Software-defined

OEM incentive:

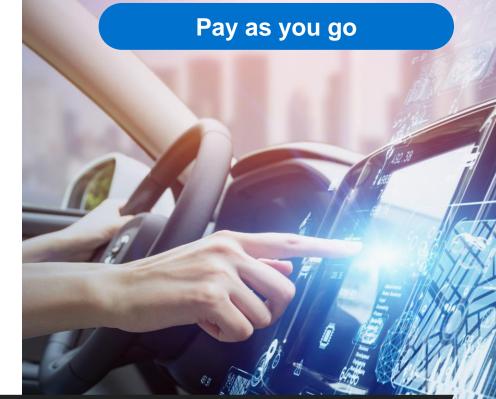
- New stream of revenue
- Include 3rd party application developers

Car owner incentive:

- Add new features
- Car value no longer decline

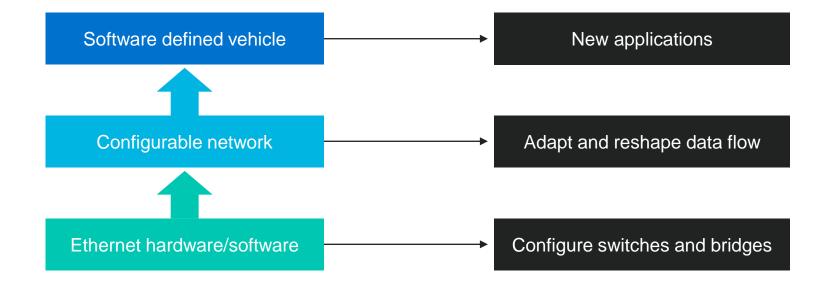
Service provider incentive:

- Charge for bandwidth
- Subscriptions



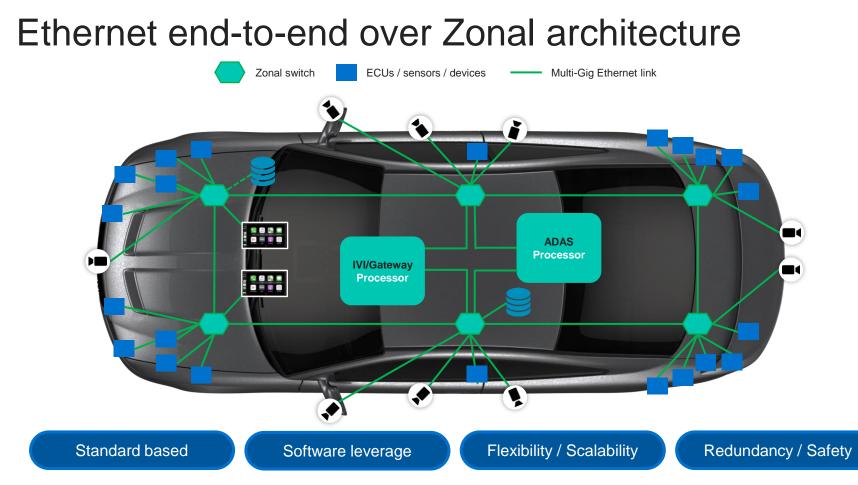
Over-the-air upgrades and new features. New business model for OEM and service providers

Software defined vehicle - requirements



Most of the components in the car "talk" Ethernet. "Ethernet end-to-end"

© 2022 Marvell. All rights reserved.



System requirements for SDV

- Over-the-air (OTA) software / firmware / control plane updates
- High speed Ethernet backbone
- Ethernet end-to-end (CPUs, ECUs, sensors, cameras, storage, displays)
- Secured gateway







Thank You



Essential technology, done right[™]