

The third edition of the Cappgemini Research Institute's quarterly review, **"Conversations for Tomorrow,"** focuses on the convergence of digital and engineering worlds which will help companies build intelligent products, operations, and services, at scale.

The journal explores the following themes

Accelerating the next era of transformation

68% of organizations will accelerate their transformation investments in the next 12 months, with technology-led initiatives at the core.

1. Cappgemini Research Institute, "Fast-forward to the future defining and winning the post-COVID new normal," July 2020.

"The convergence of cloud technologies, big data, AI, IoT, and 5G is critical to the next phase of transformation."

Börje Ekholm
President and CEO, Ericsson

"Intelligent Industry brings together engineering, IT, and digital and thereby allows a convergence of the physical and virtual worlds."

Aiman Ezzat
Chief Executive Officer, Cappgemini

Software-driven automotive transformation

"This [software-driven] revolution will be comparable to that of the smartphone. The use cases associated with a smartphone skyrocketed when it was connected to the cloud. In the same way, the connected car will lead to the invention of new services. It will create new business models and new revenue opportunities for auto manufacturers."

Frédéric Vincent
Member,
Renault Group Board of Management,
CIO Renault Group

Over the next ten years, the share of automotive OEMs' revenue that comes from software-based features and services is expected to nearly triple, from **8% to 22%**.²

2. Cappgemini Research Institute, "Next Destination: Software: How automotive OEMs can harness the potential of software-driven transformation," July 2021.

5G and connectivity

Early adopters of 5G say they have already realized improved operational efficiencies.³

3. Cappgemini Research Institute, "Accelerating the 5G Industrial Revolution: State of 5G and edge in industrial operations," June 2021.

Digital twins

Public authorities around the world, in Singapore, Shanghai, Stockholm, and Brooklyn in New York, for instance, are turning to digital twins to help them in optimizing urban planning, infrastructure management, traffic monitoring or even disaster management.

Harnessing data

Organizations that are proven data leaders realize a significant performance advantage; for instance, they see 22% higher profitability than the average.⁴

4. Cappgemini Research Institute, "The data-powered enterprise: Why organizations must strengthen their data mastery," November 2020.

Strengthening sustainability

Only 36% of automotive original equipment manufacturers (OEMs) partner with suppliers and utilities in promoting a second life for EV batteries.⁵

5. Cappgemini Research Institute, "The automotive industry in the era of sustainability," March 2020.

Upskilling

Lack of talent at mid-to-junior levels is the leading challenge for Consumer Product and Retail organizations on road to data mastery.⁶

6. Cappgemini Research Institute, "The age of insight: How Consumer Products and Retail organizations can accelerate value capture from data," March 2020.

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