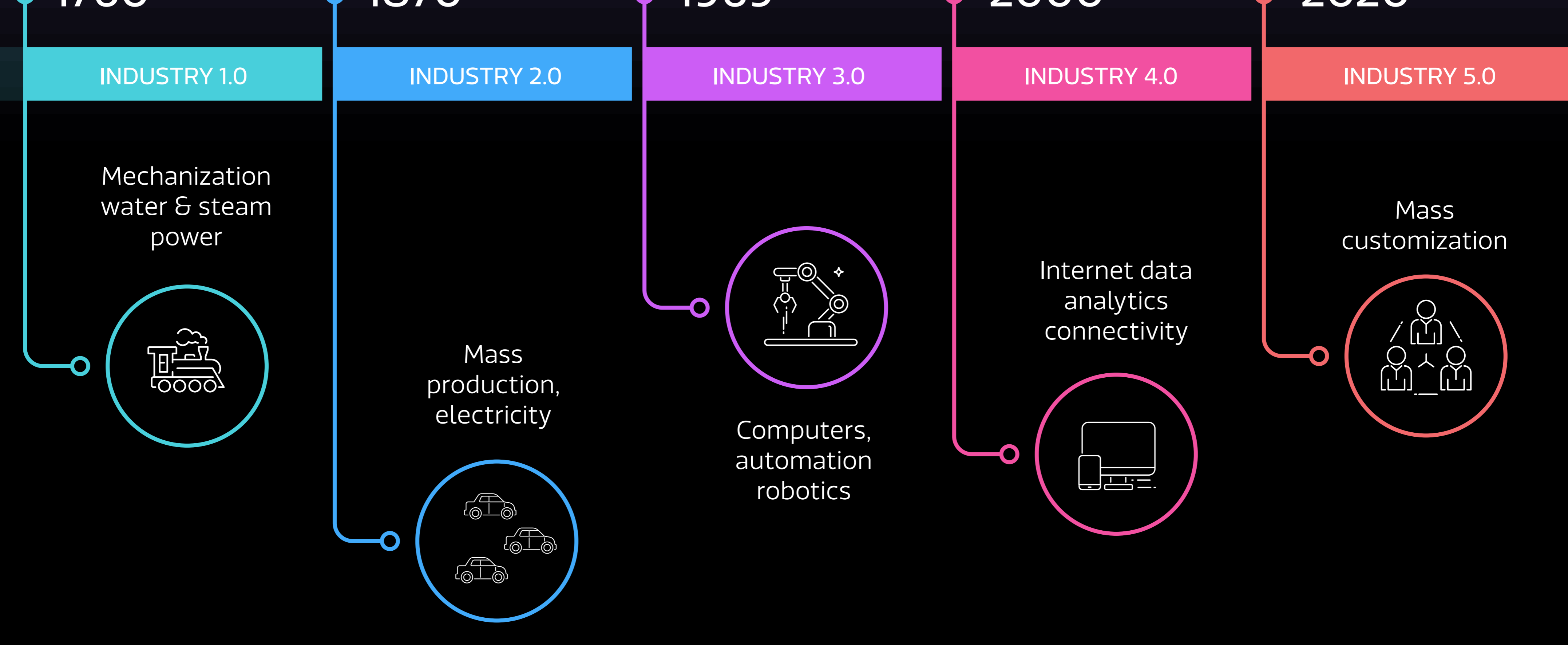
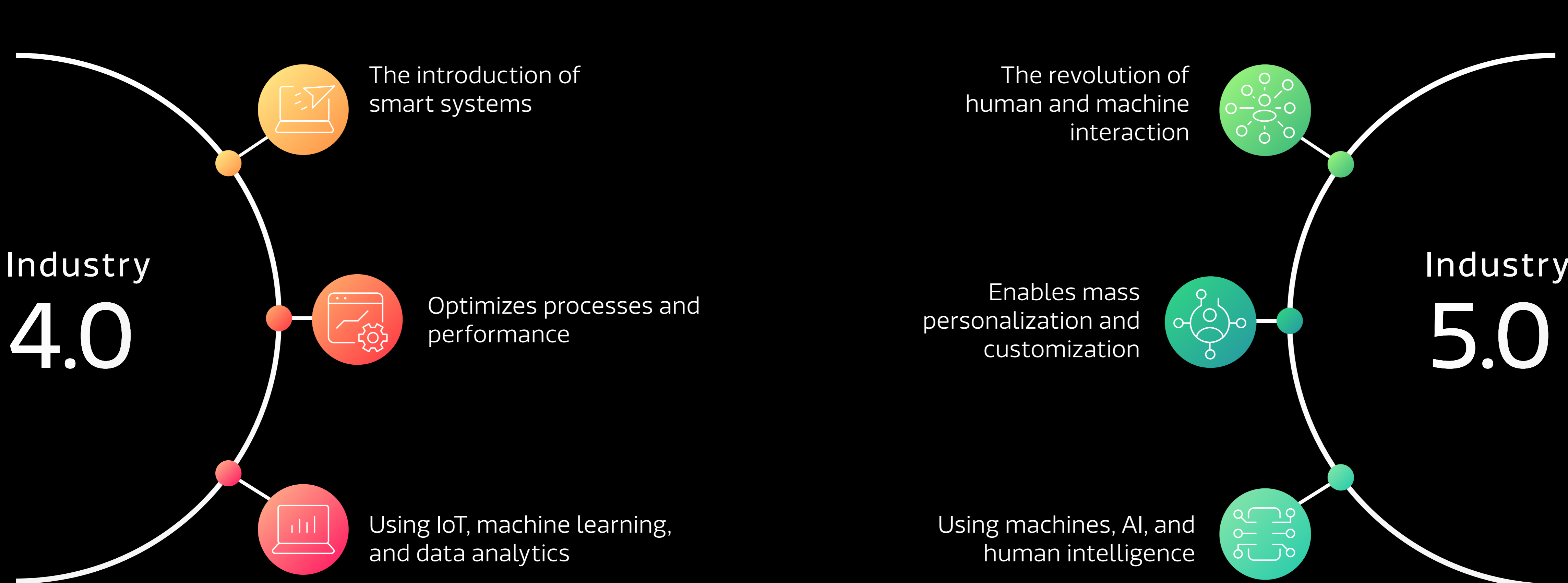


Lead the Shift from Industry 4.0 to Industry 5.0 With MediaTek

The next stage of the industrial revolution is here. Is your connected technology ready for the Industry 5.0 transformation?



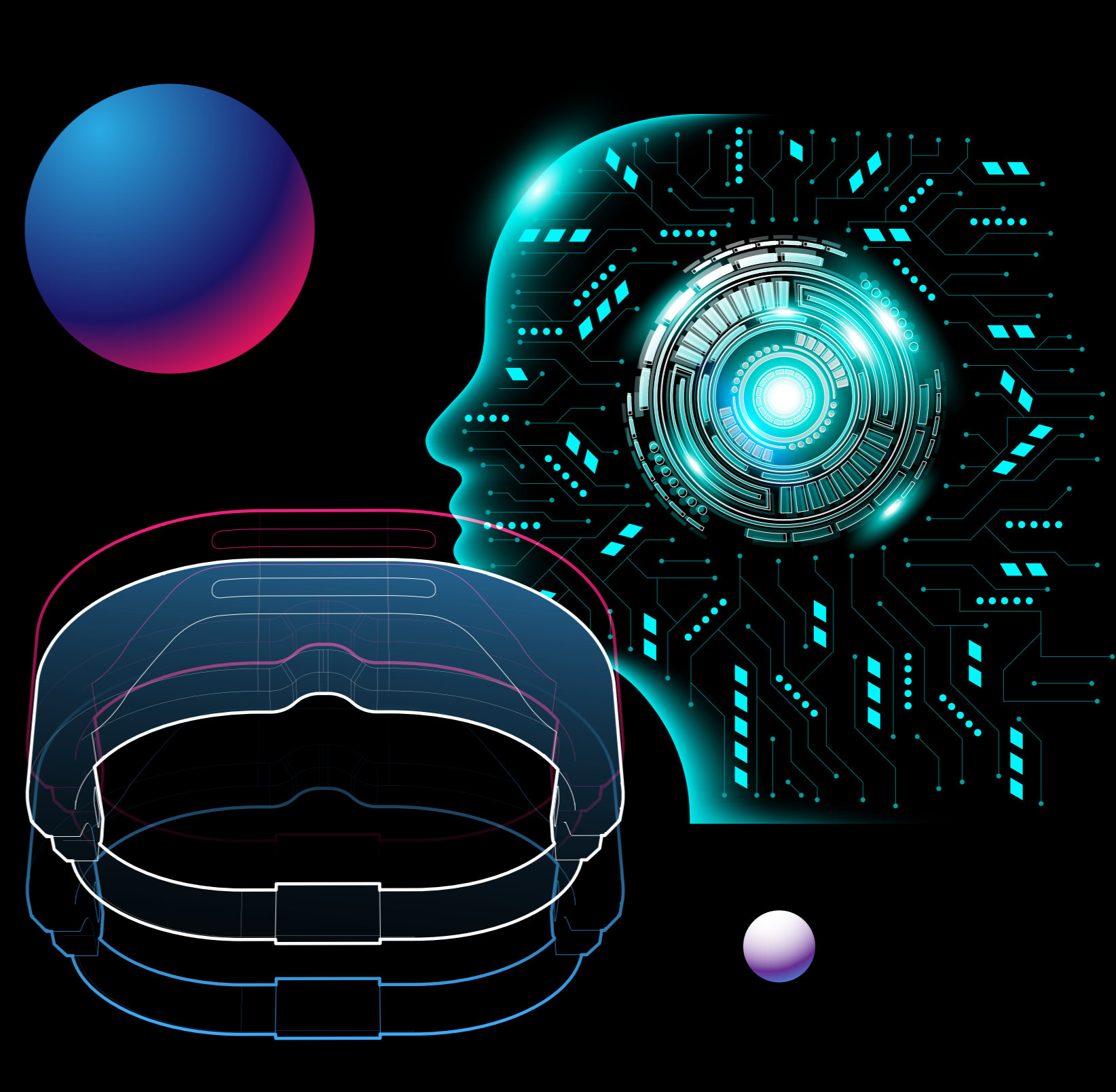
Industry 4.0 vs. Industry 5.0



Reimagining the Future of Industrial Manufacturing

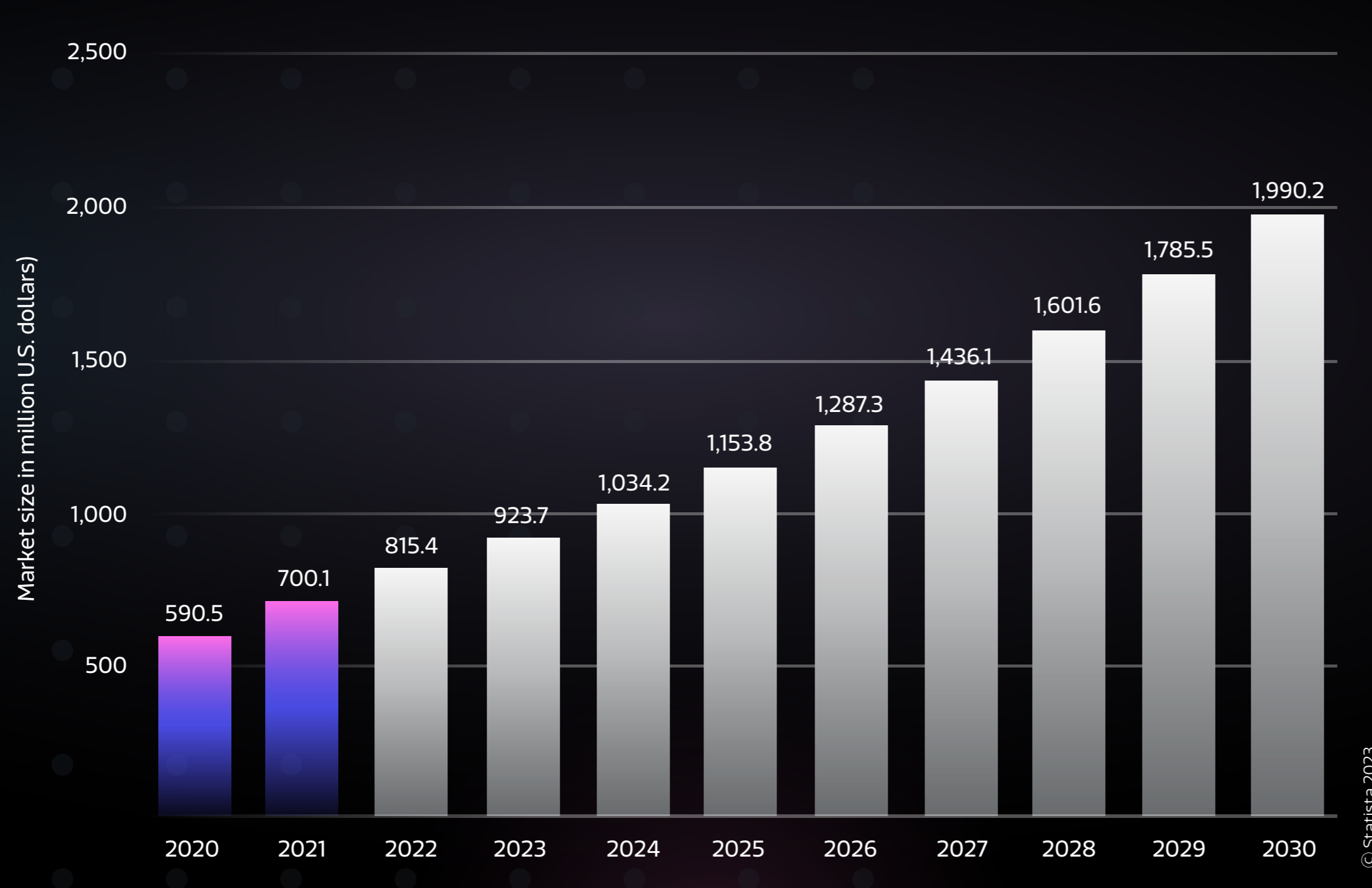
Building off the vision of Industry 4.0, Industry 5.0 aims to enhance net benefits for humans and society (not just processes).

- Empowering workers
- Enhancing flexibility in production
- Delivering personalized products and solutions



Size of the collaborative (cobot) robot market worldwide in 2020 and 2021, with a forecast for 2022 to 2030

(in million U.S. dollars)



Introducing Collaborative Robots (Cobots)

Industry 5.0 uses cobots and artificial intelligence to rethink how workers and machines collaborate. Robots do mundane, repeatable tasks, while humans exert creativity.

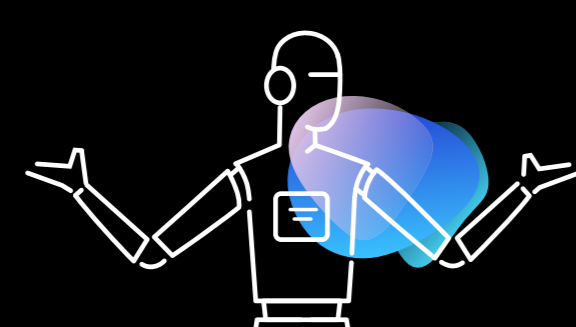
Four Types of Cobots

1. Power and force-limiting cobots
2. Safety-rated and monitored-stop cobots
3. Speed and separation (fenceless) cobots
4. Hand-guided cobots

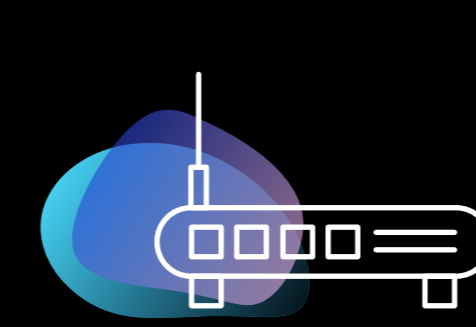
MediaTek is Powering Industry 5.0

The human/machine interactions that characterize Industry 5.0 require advanced IoT capabilities, primarily at the edge.

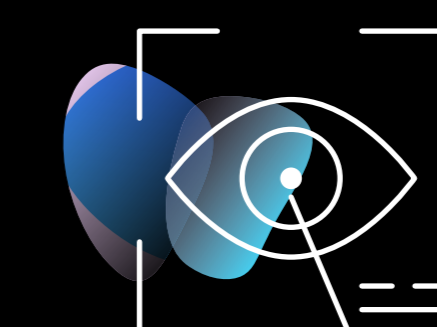
MediaTek provides a suite of IoT SoC and its ecosystem partners' smart modules that enable companies to develop intelligent devices for industrial advanced applications.



Mobile Robotics



Gateways



Vision Systems



Handheld Devices



Industrial PCs



Human/Machine Interaction

Supporting the Development of Innovative Products

Smart Fitness

MediaTek Technology:

- Powerful AI vision to provide high-clarity display
- Latest Bluetooth technology to connect seamlessly to accessories
- Leading connectivity for Wi-Fi networks for connected services

Smart Appliances

MediaTek Technology:

- AI voice-assisted technology integration
- Low Power latest Wi-Fi and BT
- 7-10 year lifespan for Industrial applications
- Excellent ecosystem global support

Robotics

MediaTek Technology:

- Wireless and lightweight fanless design
- Overall cost reductions with battery and weight savings
- Autonomous capabilities enhancement with powerful AI and multi-core processing

Human Machine Interfaces (HMI)

MediaTek Technology:

- Compact design highly reliable
- Friendly responsive UI keeps for smooth operation
- Advanced voice and gesture control AI features and predictive analytics



Norditrack Freestride Trainer Series



Tonal



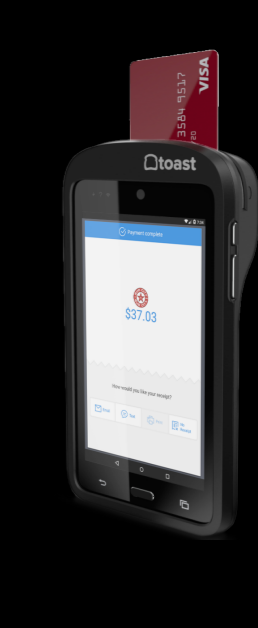
June Smart Oven



Amazon Smart Oven



Social Mobile Rhino



Toast Go Mobile

Innovate for Industry 5.0 Confidently with MediaTek Genio

Manufacturers of consumer, enterprise, and industrial devices can innovate confidently and bring leading-edge devices to market faster with the MediaTek portfolio of IoT chipsets.

[Discover MediaTek Genio](#)

MediaTek Genio¹

About MediaTek

MediaTek Incorporated (TWSE: 2454) is a global fabless semiconductor company that enables nearly 2 billion connected devices a year. We are a market leader in developing innovative systems-on-chip (SoC) for mobile, home entertainment, connectivity, and IoT products.

MediaTek empowers and inspires people to expand their horizons and achieve their goals through smart technology, more easily and efficiently than ever before. We work with the brands you love to make great technology accessible to everyone, and it drives everything we do.

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