



CHRONICLE OF DIGITAL
TRANSFORMATION
THROUGH
INTERNET OF THINGS
TECHNOLOGIES

Some biweekly perspectives
from around the globe
gathered by CDAIT

(1250 entries since April 1, 2022)
[https://cdait.gatech.edu/sites/default/files/2023-](https://cdait.gatech.edu/sites/default/files/2023-05/Digital_Transformation_Through_IoT_Technologies_May_15_2023.pdf)

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GOVERNANCE &
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Vignesh Santhanam, Piyush Gupta, and Vivek HP, "From innovation to integration: the role of collective action in institutionalizing 4IR technologies," World Economic Forum, May 8, 2023

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Amber Hickman, "Supply chain managers must invest in AI, ML and IoT, find Frost & Sullivan," Technology Record, May 4, 2023

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Luna Sun, "China's smart cities: 4 areas where AI, the IoT, big data and cloud computing are making a difference," South China Morning Post, May 1, 2023

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urban-living

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Biweekly IoT News Digest (05/23 – 1)

Georgia Tech IoT-related Info/Research Noticed by CDAIT

IoT News and Market Reports

(First Half of May 2023)

- Selected IoT-related announcements and featured activities/topics gathered by CDAIT from governments; agencies; consortia; alliances; associations; standards, research and other similar groups around the world – 15 entries: https://cdait.gatech.edu/sites/default/files/2023-05/IoT_News_Filings_May_2023__First_Half.pdf
- Sample list of IoT-related market reports gathered by CDAIT – 80 entries: https://cdait.gatech.edu/sites/default/files/2023-05/IoT_Market_Reports_May_2023_First_Half.pdf

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Special Reading Suggestions

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- Jonas Björklund, "How operators can balance the cost of IoT with profitability (Reader Forum)," RCR Wireless, May 9, 2023 <https://www.rcrwireless.com/20230509/internet-of-things-4/how-operators-can-balance-the-cost-of-iot-with-profitability-reader-forum#>
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- Tate Ryan-Mosley, "How to hack a smart fridge - Your smart home devices know more about you than you might think—and they're less secure than you'd hope," MIT Technology Review, May 8, 2023 <https://www.technologyreview.com/2023/05/08/1072708/hack-smart-fridge-digital-forensics/>
- Nick Farrell, "Smart home market growing," Fudzilla, May 3, 2023 <https://www.fudzilla.com/news/iot/56821-smart-home-market-growing>
- Adam Turner, "Asset management and supply chains boosted by Massive IoT boom," Financial Review, May 2, 2023 <https://www.afr.com/work-and-careers/management/asset-management-and-supply-chains-boosted-by-massive-iot-boom-20230418-p5d1dc>

Selected IoT Perspectives

Automotive IoT

"To stay ahead in this competitive industry and meet customers' expectations, automobile companies are increasingly utilizing the power of automotive IoT (Internet of Things). The term refers to a complex chain of devices, such as cameras, sensors, GPS trackers, etc., connected to the cloud and providing real-time data, assisting in the effective optimization of the car manufacturing process. Also, automotive IoT facilitates advanced vehicle management capabilities, improved transportation efficiency, and a superior driving experience, defining the future vision of autonomous vehicles."

Sudeep Srivastava, "Automotive IoT: Benefits, Applications, and Real Examples," Appinventiv, April 24, 2023 <https://appinventiv.com/blog/benefits-of-iot-in-automotive-industry/>

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- Sumit Chauhan, "How AI, Edge Computing, IoT and The Cloud are Drastically Reshaping Vehicle Fleet Management For Telecom Companies," Telecom reseller, May 1, 2023 <https://telecomreseller.com/2023/05/01/how-ai-edge-computing-iot-and-the-cloud-are-dramatically-reshaping-vehicle-fleet-management-for-telecom-companies/>
- Jenn Mullen, "The Drive to Disrupt: How Digital Twins Are Fueling Automotive Innovation," Semiconductor Engineering, April 27, 2023 <https://semiengineering.com/the-drive-to-disrupt-how-digital-twins-are-fueling-automotive-innovation/>
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