



Digest is compiled by Alain Louchez,  
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#### CHRONICLE OF DIGITAL TRANSFORMATION (DT) THROUGH INTERNET OF THINGS TECHNOLOGIES

Some biweekly perspectives on DT  
from around the globe gathered by  
CDAIT - 50 added for this Digest  
(3400 entries since April 1, 2022)  
[https://cdait.gatech.edu/sites/default/files/2025-02/Digital\\_Transformation\\_Through\\_IoT\\_Technologies\\_end-of-february-2025.pdf](https://cdait.gatech.edu/sites/default/files/2025-02/Digital_Transformation_Through_IoT_Technologies_end-of-february-2025.pdf)

#### GOVERNANCE & THE INTERNET OF THINGS

Information Technology Industry  
Council (ITI), "ITI Unveils  
Economic Security Policy  
Recommendations to Advance  
Innovation, U.S. Leadership," ITI,  
February 25, 2025  
<https://www.itiic.org/news-events/news-releases/iti-unveils-economic-security-policy-recommendations-to-advance-innovation-u-s-leadership>

Rob Bhatt, "How IoT devices are  
crafting personalized insurance  
policies," Digital Insurance,  
February 20, 2025 <https://www.dig-in.com/opinion/iot-devices-are-crafting-personalized-insurance-policies>

Carsten Krause, "Introduction: The  
Data Explosion and Governance  
Imperative For Your  
Organization," Medium, February 15,  
2025  
<https://medium.com/@carsten.krause/by-carsten-krause-february-15-2025-introduction-the-data-explosion-and-governance-imperative-1cedf4d25bd9>

Milton Mueller, "So Much for Global  
Governance of AI...," Georgia Tech  
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<https://www.internetgovernance.org/2025/02/14/so-much-for-global-governance-of-ai/>

Mark Young, Paul Maynard & Shona  
O'Donovan, "ICO [The UK Information  
Commissioner's Office] announces  
its online tracking strategy for  
2025," Covington Global Policy  
Watch, February 13, 2025  
<https://www.globalpolicywatch.com/2025/02/ico-announces-its-online-tracking-strategy-for-2025/>

Cyber Security Asia (CSA) posting,  
"With 60% of Businesses  
Anticipating a Cyber Breach in  
2025, Organisations Must  
Prioritise Resilience Strategies  
with a Zero Trust Architecture,"  
CSA, February 12, 2025  
<https://cybersecurityasia.net/zscaler-organisations-prioritise-zero-trust/>

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## Biweekly IoT News Digest (02/25 - 2)

### IoT News and Market Reports

(Second Half of February 2025)

- 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 - 13 entries: [https://cdait.gatech.edu/sites/default/files/2025-02/IoT\\_News\\_Filings\\_February\\_2025\\_Second\\_Half.pdf](https://cdait.gatech.edu/sites/default/files/2025-02/IoT_News_Filings_February_2025_Second_Half.pdf)
- Sample list of IoT-related market reports gathered by CDAIT - 50 entries: [https://cdait.gatech.edu/sites/default/files/2025-02/IoT\\_Market\\_Reports\\_February\\_2025\\_Second\\_Half.pdf](https://cdait.gatech.edu/sites/default/files/2025-02/IoT_Market_Reports_February_2025_Second_Half.pdf)

### Georgia Tech IoT-related Info/Research Noticed by CDAIT

- Allen, Taylor, Ari Horwitz, and Stephen Sprigle "Leveraging AI and customer reviews to evaluate technology used by people with disabilities," Disability and Rehabilitation: Assistive Technology (published online February 16 2025): 1-9 <https://www.tandfonline.com/doi/full/10.1080/17483107.2025.2465603>
- Murphy, Dennis, and Lawrence Rubin, "The Fourth Industrial Revolution and International Security," Survival 67, no. 1 (published online February 7, 2025): 159-172 <https://www.tandfonline.com/doi/abs/10.1080/00396338.2025.2459023>
- Cristaldo, Liz Araceli, Eva Petitdémange, Matthieu Lauras, and Benoit Montreuil, "Questioning the relevance of using Physical Internet for managing autonomous train shuttles in rural areas," Transportation Research Procedia 82 (available online January 9, 2025): 779-790 <https://www.sciencedirect.com/science/article/pii/S2352146524003697>
- Georgia Tech AI Fest, The Historic Academy of Medicine at Georgia Tech | March 26-28, 2025, info here: <https://sites.gatech.edu/techaifest/>

**OF NOTE:** U.S. Chamber of Commerce press release, "Shaping the Future: U.S. Chamber's Quantum Policy Vision," U.S. Chamber of Commerce, February 19, 2025 <https://www.uschamber.com/technology/u-s-chamber-quantum-policy-principles>

### Special Reading Suggestions

- Sudhanshu Mittal, "Smart Factories and Automation in India - How IoT and AI are driving efficiency in Indian Manufacturing," Express Computer, February 25, 2025 <https://www.expresscomputer.in/guest-blogs/smart-factories-and-automation-in-india-how-iot-and-ai-are-driving-efficiency-in-indian-manufacturing/122106/>
- Martin Taylor, "How IoT Will Drive Better CX [Customer Experience]," contact-centres.com, February 24, 2025 <https://contact-centres.com/how-iot-will-drive-better-cx/>
- Carl Ford, "Are Data Scientists in the Wrong Position at the Right Time for AIOT?" IoT Evolution, February 24, 2025 <https://cfo.evolutionworld.com/iot/articles/461932-data-scientists-the-wrong-position-the-right-time.htm>
- TimesTech, "The Booming Internet of Things Market: A Decade of Explosive Growth," TimesTech, February 20, 2025 <https://timestech.in/the-booming-internet-of-things-market-a-decade-of-explosive-growth/>
- Kogan Page and Tim Murphy, "How to use IoT for marketing," TechTarget, February 20, 2025 <https://www.techtarget.com/searchcustomerexperience/feature/How-to-use-IoT-for-marketing>
- Takeshi Niwa, "2024 Cellular IoT Module Market Update," IoT Business News, February 19, 2025 <https://iotbusinessnews.com/2025/02/19/02010-2024-cellular-iot-module-market-update/>
- ANI press release, "India to shift focus from energy to AI, IoT and semiconductors: Piyush Goyal," CFO [Economic Times], February 19, 2025 <https://cfo.economicstimes.indiatimes.com/news/india-to-shift-focus-from-energy-to-ai-iot-semiconductors-piyush-goyal/118378823>
- Dhaval Gajjar, "Open Source AI Frameworks: Integrating AI with IoT," Open Source for U, February 18, 2025 <https://www.opensourceforu.com/2025/02/open-source-ai-frameworks-integrating-ai-with-iot/>
- Mark Brohan, "AI, analytics and IoT are top priorities for procurement managers," Digital Commerce 360, February 17, 2025 <https://www.digitalcommerce360.com/2025/02/17/procurement-priorities-managers-2025/>
- Ryan Daws, "From shelf to sale: How IoT solutions keep retail fresh," IoT Tech News, February 17, 2025 <https://iottechnews.com/news/from-shelf-to-sale-how-iot-solutions-keep-retail-fresh/>
- James Blackman, "Cellular IoT's annus horribilis could get worse - some vendors down 50%," RCR Wireless News, February 13, 2025 <https://www.rcrwireless.com/20250213/internet-of-things/cellular-iot-annus-horribilis>

### Selected IoT Perspectives IoT Regulation

"Regulatory compliance overall is nothing new in IoT, with long-established requirements to comply with device certification and product safety rules, for instance. However, as IoT increasingly underpins critical infrastructure and sensitive applications, and security sensitivities increase, regulatory requirements are expanding in scope and complexity. These changes highlight the need for organisations to treat compliance not as an ancillary concern but as a central aspect of IoT strategy," Matt Hatton, "Regulatory compliance continues to be the most critical theme in IoT," IoT Now, December 4, 2024 <https://www.iot-now.com/2024/12/04/148392-regulatory-compliance-continues-to-be-the-most-critical-theme-in-iot/>

- Carsten Rhod Gregersen, "Which IoT Regulator Will the Rest of the World Follow?" EE Times, February 26, 2025 <https://www.eetimes.com/which-iot-regulator-will-the-rest-of-the-world-follow/>
- Sharif Barakat, Yaseen Alattas, and Siraj Ibrahim Nazer, "Transforming governance, risk, and compliance in the digital era," Consultanc-me.com, February 26, 2025 <https://www.consultancy-me.com/news/10300/transforming-governance-risk-and-compliance-in-the-digital-era>
- Christoph Nüßing, Mercedes Samavi, Alistair Maugham, Andreas Grünwald, Timon Boerner, Jens Hackl, Stephan Kreß, Michelle Si-Ting Luo and Georgia Wright, "European Digital Compliance: Key Digital Regulation & Compliance Developments," Morrison Foerster, February 19, 2025 <https://www.mfo.com/resources/insights/250218-european-digital-compliance-key-digital-regulation-compliance>
- Carsten Rhod Gregersen, "IoT's Regulatory Reckoning Is Overdue," Dark Reading, January 6, 2025 <https://www.darkreading.com/ics-ot-security/iot-regulatory-reckoning-overdue>
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- Brian Hengesbaugh and Elizabeth Denham, "A glimpse into the future of cross-border data regulation," The International Association of Privacy Professionals, Inc. (IAPP), November 5, 2024 <https://iapp.org/news/a/a-glimpse-into-the-future-of-cross-border-data-regulation>
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**Research background info (sample) - 2024-25 :** Leghema, Iveren M., Chima Azubuike, Osinachi Deborah Segun-Falade, and Chinekwu Somtochukwu Odionu, "Data governance for emerging technologies: A conceptual framework for managing blockchain, IoT, and AI," Journal of Engineering Research and Reports 27, no. 1 (2025): 247-26 <http://article.researchpromo.com/id/eprint/2699/>; Jarvis, Boipelo, "Adoption and use of internet of things and the implications for adaptive regulation," (2024) <https://wiredspace.wits.ac.za/server/api/core/bitstreams/71bc6997-fa86-4c0e-87d1-caeb7770ebbb/content>

<https://cdait.gatech.edu>



Georgia Tech - Center for Advanced Communications Policy  
Center for the Development and Application  
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