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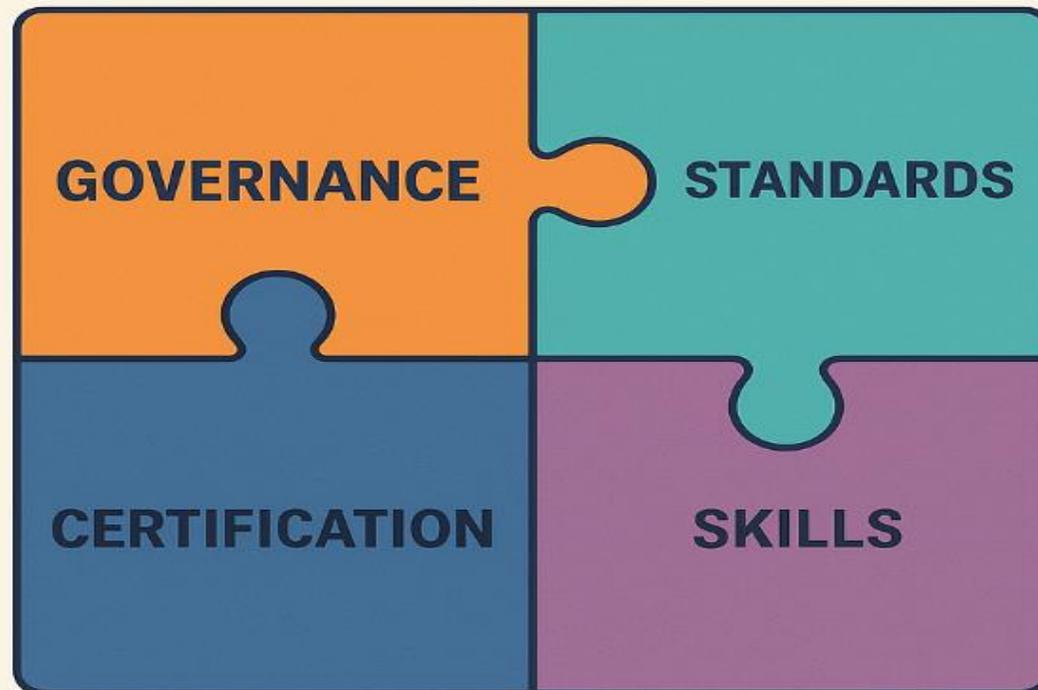


Outline



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WHY DIGITAL PLATFORMS STRUGGLE





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Introduction

- Organisational digital transformation is rarely a technical failure. More often, it is a systemic failure, resulting from weak governance structures, the absence of standards, inadequate certification frameworks, and persistent digital skills shortages (OECD, 2020).
- **Governance gaps** lead to fragmented decision-making and siloed systems.
- **Standards gaps** prevent interoperability, making “one citizen, one data” journeys impossible.
- **Certification gaps** undermine trust in vendor solutions and security claims.
- **Skills gaps** leave the public sector unable to sustain, secure, and innovate within digital platforms (World Bank, 2021).
- By examining these root causes, we are better equipped to move beyond symptomatic fixes and work toward systemic solutions.

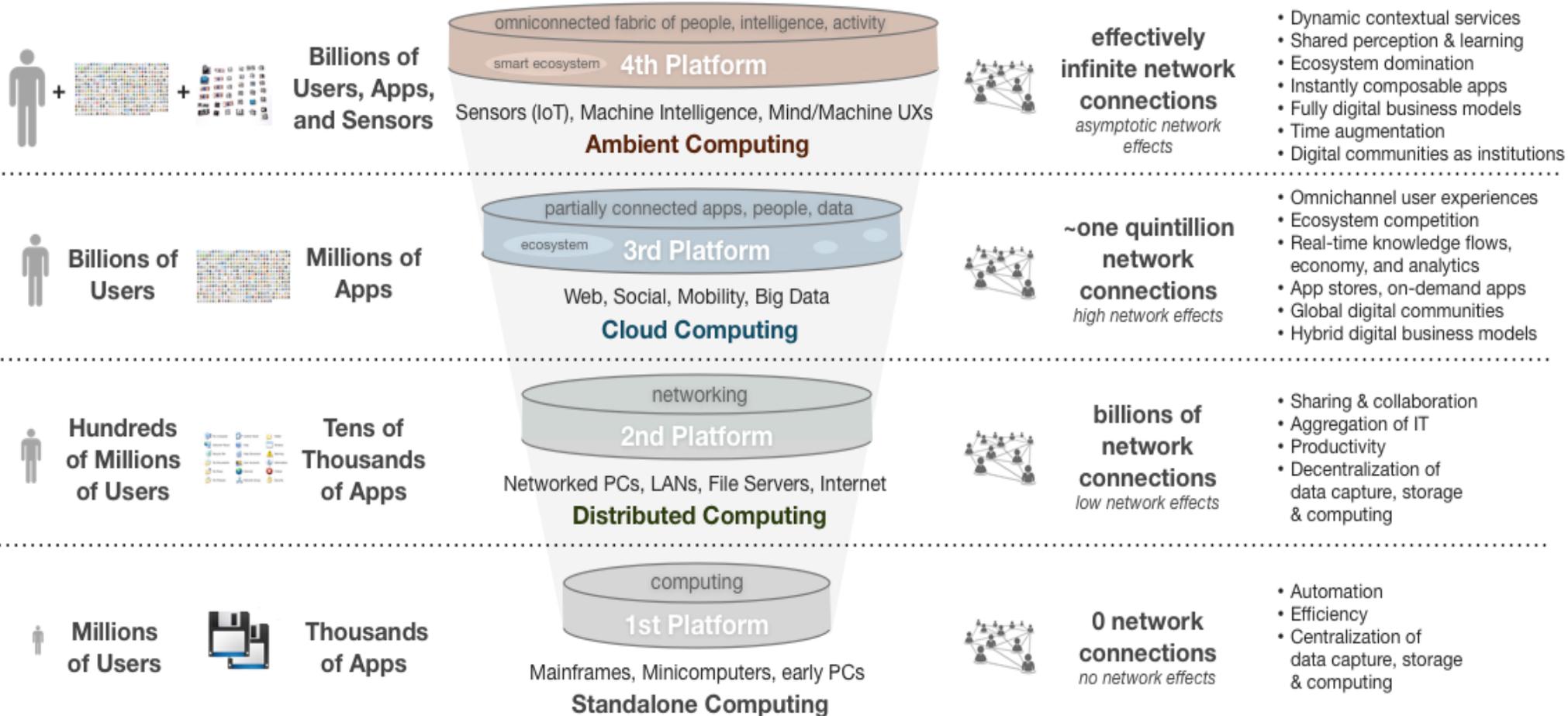


Platforms Era



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The Rise of the 4th Platform: A Fabric of Community, Data, Devices, & Intelligence



Importance of Governance



- Looking at the “**why**” behind the “**what**” and “**how**” of the digital transformation.
- “*One Data, One Citizen, One Citizen Service Journey,*” depends on seamless integration. Why integration is so difficult because of fragmented governance and siloed services.
- By surfacing these issues, we reinforce the necessity of data interoperability, strategic planning, and above all, capacity building in digital skills (UNDP, 2022).
- The technology adoption, data management, and service delivery build directly on this foundation.



Importance of Governance

- **Governance gaps** create unmanaged “shadow IT” and inconsistent accountability.
- **Absence of standards** undermines consistent security protocols, making data exchange across agencies risky (ENISA, 2022).
- **Lack of certification** weakens trust in vendor claims and prevents procurement teams from knowing which solutions are truly secure.
- **Skills shortages** mean governments cannot detect, manage, or respond to threats effectively.
- In other words, cybersecurity is not only about firewalls or software. It is a systemic challenge tied to governance, standards, and capacity.

Governance Gaps

- Government digital failures often stem from fragmented decision-making structures rather than technology itself.
- Without clear governance, agencies build in silos, leading to duplication, inefficiency, and data fragmentation (OECD, 2020).
- Good governance means setting shared rules, accountability frameworks, and whole-of-government leadership in digital transformation.
- Strong governance ensures platforms work across agencies, enabling the *“One Citizen Service Journey.”*

Standards Gaps

- The absence of common standards prevents systems from talking to each other.
- This leads to “data islands,” incompatible systems, and costly integration projects (World Bank, 2021).
- Standards are also vital for cybersecurity protocols, ensuring data is exchanged securely between departments (ENISA, 2022).
- Without agreed technical and data standards, digital transformation remains fragmented and insecure.



Certification Gaps

- Many vendors claim their products are “secure” or “compliant,” but without independent certification, governments cannot verify these claims.
- Certification frameworks (like digital trust labels or verified procurement standards) create confidence and accountability in digital solutions.
- In their absence, governments risk adopting shadow IT and unvetted tools.
- Certification builds trust, reduces risk, and ensures taxpayer money goes to credible solutions.

Skills Gaps

- Digital transformation is not only about buying systems, it requires people with the right skills to manage, maintain, and secure them.
- The public sector often lacks expertise in data governance, cybersecurity, and digital service design (UNDP, 2022).
- Skills development is both a capacity challenge and an equity issue, as governments compete with the private sector for talent.
- Without investment in digital skills, governments cannot sustainably secure or innovate their platforms.

Summary

- "Does IT Matter" (Carr, 2003). Carr (2003) argues that Information Technology (IT) has lost its ability to provide a competitive advantage to businesses because it has become a widely available commodity.
- Digital transformation is not just a technical project, but also a governance project, a standards project, a certification project, and, above all, a people project.
- Role of IT Advisory Boards at Universities
- Role of professional boards (ITPSA, ACM, AIS, IEEE)