

How infrastructure changes when you stop **guessing** where your data lives.

A longer look at what shifts, per industry, in numbers, and in the wider conversation around data ownership, than our one-page brief has room for.

SINGAPORE

EU, OPENING SOON

— WHAT ACTUALLY CHANGES

The same document, two different lives.

Most teams have never actually traced what happens to a file after it's saved. Here's a plain comparison: the same document's path through a typical Google Workspace or Microsoft 365 setup, next to its path through a Parioni-managed environment.

■ TODAY, ON WORKSPACE OR 365

01

Document created or edited

Stored on the provider's shared, multi-tenant cloud infrastructure.



02

Indexed by the provider's systems

Used to power search, suggestions, and built-in AI features, depending on account settings.



03

Replicated across regions

Redundancy happens automatically across the provider's global infrastructure. No single named jurisdiction.



04

Access governed by the provider

Subject to their terms of service and to whatever disclosure laws apply to their home jurisdiction.



05

AI features process the content

Copilot or Gemini-style tools route prompts and content to the provider's own AI infrastructure.

■ AFTER, ON PARIONI INFRASTRUCTURE

01

Document created or edited

Stored on an isolated environment built specifically for you, not a shared multi-tenant system.



02

No third-party indexing

Nothing is used to train a model or improve a product you don't control.



03

Stays in a named jurisdiction

Singapore or the EU, stated explicitly, with no default cross-border replication.



04

Access governed by you

Role-based, logged, and reviewable directly, not reconstructed after the fact.



05

Sovereign AI, if you use it

Inference runs on your own infrastructure. Prompts never reach a third party's servers.

— WHAT THIS MEANS BY INDUSTRY

Same shift, different stakes.

The comparison on the previous page holds across every industry we work with. What changes is what's actually at risk, and what a straight answer is worth, in each one.

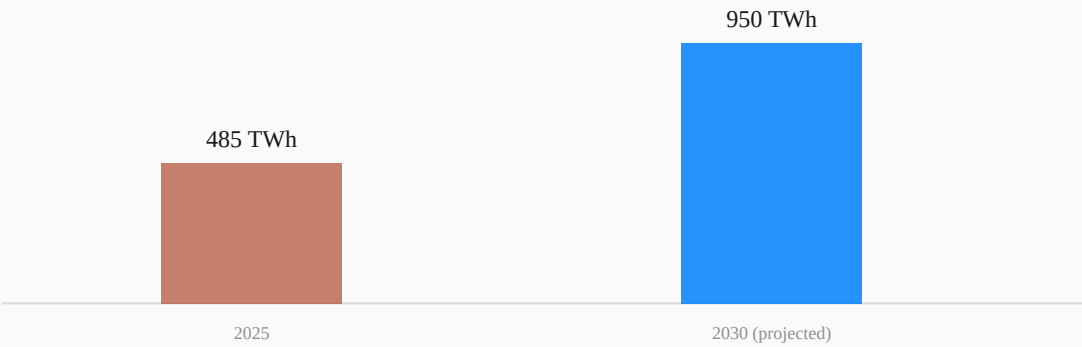
INDUSTRY	AT RISK TODAY	WHAT CHANGES
Private Equity & Venture Funds	LP records and portfolio company data sitting on infrastructure no one on the deal team can fully account for.	Fund data stays in a named jurisdiction , and deal analysis runs on infrastructure the fund itself controls, not a third party's model.
Financial Services & Family Offices	A single external provider holding a complete picture of a family's or a client's full financial life.	Isolated per-client environments , so no provider ever holds a cross-account view, and an examiner gets a direct answer.
Legal & Law Firms	Privileged case files on infrastructure potentially reachable under a foreign compelled-disclosure law like the US CLOUD Act.	Case files stay outside CLOUD Act reach , in a jurisdiction chosen deliberately, not inherited from a subscription default.
Healthcare Organisations & Clinics	Patient records governed by a vendor's general privacy policy rather than an architecture the provider itself can point to.	Role-based, logged access to patient data, and no default AI training on clinical content.
Legacy Companies & SMEs	Paying for enterprise-scale cloud capacity and complexity built for companies many times the business's actual size.	Infrastructure sized to what's actually run , often simpler and cheaper than the enterprise default.
NGOs & Non-Profits	Donor and beneficiary data protected only as well as a free or general-purpose tool happens to allow.	Donor data protected without an enterprise budget , using refurbished hardware to keep costs down.

— THE NUMBERS BEHIND THIS

This isn't an abstract argument.

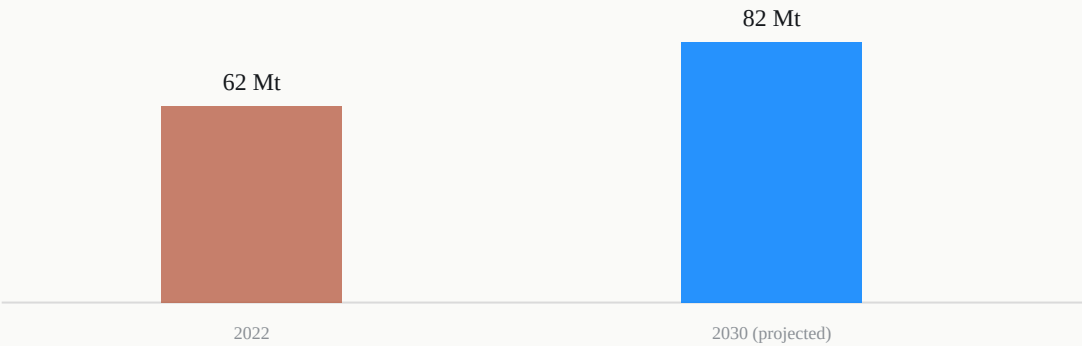
Three figures worth sitting with, on where infrastructure demand is headed, and what gets left behind when it grows this fast.

Global data centre electricity use is set to roughly double by 2030



Source: International Energy Agency, Key Questions on Energy and AI

E-waste is on track to hit 82 million tonnes a year by 2030



Source: Global E-waste Monitor 2024, UNITAR / ITU. Only 22.3% of 2022's e-waste was formally collected and recycled.

\$80B

Projected global spend on sovereign cloud infrastructure in 2026, as organisations that once treated jurisdiction as an afterthought started treating it as a line item.

Source: Gartner, reported via CIO Dive

— FURTHER WATCHING, READING, LISTENING

If you want to go further than this document.

None of this is required reading to work with us, it's simply where a lot of the current thinking on data privacy and ownership actually lives, in documentary, film, print, and video form, included because it shaped how we think about this work, not because we produced any of it. Links checked at time of writing, video IDs can be reassigned or removed by their creators or by YouTube itself.

WATCH

Citizenfour (2014)

Laura Poitras's real-time documentary of the Snowden disclosures.

youtube.com/watch?v=Jjm3bfRM2ms

The Social Network (2010)

David Fincher's account of Facebook's founding.

youtube.com/watch?v=-hy0dGcTTPs

The Amateur (2025)

CIA-cryptographer thriller, included as requested.

youtube.com/watch?v=LzVs5owEeWk

The Great Hack (2019)

Netflix documentary on the Cambridge Analytica / Facebook data scandal.

youtube.com/watch?v=iX8GxLP1FH0

Snowden (2016)

Oliver Stone's biographical dramatisation, starring Joseph Gordon-Levitt.

youtube.com/watch?v=QlSAiI3xMh4

The Social Dilemma (2020)

Docudrama on persuasive design and data collection in social platforms.

youtube.com/watch?v=uaaC57tcci0

READ

Permanent Record

Edward Snowden's own memoir.

No Place to Hide

Glenn Greenwald, on reporting the Snowden disclosures.

The Snowden Files

Luke Harding's account of the leaks, one of the books the 2016 film draws on.

WATCH, NAOMI BROCKWELL TV

The Government is Buying Your Private Data

youtube.com/watch?v=v9Vb3hTxdP4

Reclaiming Privacy in the Digital Age

youtube.com/watch?v=qdZyBg4bGpo

Apps We Loved Are Now Unusable

youtube.com/watch?v=pmcKEssIbzY

Is De-Googling Actually a Waste of Time?

youtube.com/watch?v=90G142U48js

Know exactly where your data lives.

If any of this raised a question specific to your own setup, that's what the scoping call is for.

`info@parioniinfra.com`

`+65 8921 1769`

`parioniinfra.com`