
MEDIA RELEASE — FOR IMMEDIATE RELEASE

This Is Why We Built Tailor: Australia's Sovereign AI Stack Is Already Being Built Here

BRISBANE, Australia — 15 July 2026 — Today the Prime Minister announced Australian Standards for AI: a national framework covering large data centres and AI training, coordinated by a new Office of AI within the Department of the Prime Minister and Cabinet, to be considered by National Cabinet in August and legislated early next year — the first framework of its kind to be legislated anywhere in the world.

Tailor Holdings welcomes the announcement. This is the future we have been building for.

Sovereignty is not a policy setting you can apply at a single point. It is a property of the whole stack — from the application a user touches, down through where a workload is routed, where inference runs, and how the models themselves are trained. That is why we built one venture for each layer, all Australian:

Tailor.au — the Application Layer. Tailor is agreement infrastructure: every AI action is proposed, approved by a human, and executed under a single-use, auditable mandate. Nothing acts without consent, and every action leaves a verifiable record. When the Assistant Minister speaks of a “clear and enforceable social licence” for AI, this is what it looks like in software.

The same machinery answers the Government's commitment to Australia's artists and media. Ministers have been clear that Australian writers, artists and journalists must retain ownership and control of their work — and that no company should train AI on Australian creative works without the artist's control. Control needs infrastructure. Tailor's PACT agreement protocol gives creators that instrument: consent that is explicit, granted on the artist's own terms, recorded, and auditable — a working rail for licensing Australian creative work to AI on Australian terms, not a checkbox buried in someone else's terms of service.

au.sovrgrn.ai — the Routing Layer. The Sovereign Routing Protocol decides where workloads run — and keeps Australian data and Australian workloads under Australian jurisdiction. The new standards oblige large data centres to reduce power when the grid needs it. That obligation is, in practice, a routing decision made continuously and accountably; sovrgrn exists to make it.

Aloom.au — the Inference Layer. Sovereign Australian compute with air-gap attestation. The Government has committed to streamlining how compliance with energy, water and safety requirements is verified. Verification at national scale needs attestation you can prove, not paperwork you can file. Aloom was built attestation-first.

Illumem — the Model Training Layer. The standards put AI training itself in scope, with energy at the centre. Illumem is our research venture into reversible photonic computing — pursuing a step-change reduction in the energy cost of training and running models, so Australia can train frontier AI within the environmental limits the nation has now set. The architecture is the subject of a provisional patent application filed with IP Australia on 28 June 2026, and has been validated at the billion-parameter scale: a 1.02-billion-parameter model trained end-to-end in full physics simulation of the photonic hardware.

*“The Prime Minister said this framework is about Australia choosing to shape the future,” said **Knox Hart, Founder of Tailor Holdings**. “We agree — and we didn’t wait. Every layer of a sovereign AI stack is being built here, by Australians, on Australian terms. High national standards aren’t a constraint on this industry. They’re the market we designed for.”*

Tailor Holdings looks forward to working with the Office of AI, the States and Territories, and industry through the National Cabinet process, and to contributing practical, working infrastructure to the consultation on the Australian Standards for AI.

About Tailor Holdings

Tailor Holdings is an Australian technology group building sovereign AI infrastructure across four layers: Tailor.au (application), au.sovrgn.ai (routing), Aloom.au (inference) and Illumem (model training). Australian data residency and verifiable human control are product requirements across the portfolio, not features.

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