Compute + Model-Weight Export Controls

compute_export_controls · Cross-jurisdiction AI-governance topic

Source: https://policywindow.org/wiki/compute-export-controls

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Summary

Restrictions on cross-border flow of frontier AI compute (GPUs, accelerators) and model weights. Distinct from `compute_reporting` (which is disclosure) — this is restriction of access by recipient. US BIS rules (Oct 2023 advanced computing, Jan 2025 outbound investment), EU dual-use Regulation 2021/821 overlay, China retaliatory measures + indigenisation push. Mostly outside traditional AI-governance instruments; carving its own track.

At a glance

Instruments governing

0

In conflict

0

Silent

49

Contested question

Should compute + weight export controls govern by (a) recipient jurisdiction, (b) capability tier of the controlled artifact, or (c) end-use intent? Each rule generation has shifted between these frames.

How to cite this article

APA

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CHICAGO

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HARVARD

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OSCOLA

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BIBTEX

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