

Regulatory-Aware LLM Adaptation

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Regulatory Frame

EU AI Act high-risk AI provisions, U.S. EO 14110 implementation, emerging FTC AI-enforcement, emerging sector-specific AI regulation all establish adaptation-governance requirements.

Implementation-level compliance is platform-by-platform.

Adaptation Governance Substrate

Each adaptation carries credentialed authority signatures; regulatory authorities participate as credentialed observers; cross-jurisdiction operations admit through composite admissibility.

Sandbox pre-activation, cascade-deactivation, and emerging incident-response operations all integrate structurally.

LLM Regulatory Trajectory

EU AI Act enforcement, emerging U.S. federal AI regulation, emerging international AI-governance harmonization all benefit from architectural adaptation substrate.