Composite Licensing Intersection

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What It Specifies

Each contributing element (training data, model architecture, fine-tuning framework, integration libraries) carries declared licensing. The architecture computes the intersection; operations admit only when the intersection admits.

Composite licensing is governance-credentialed. The contributing licenses, the intersection computation, and the resulting operating-license envelope all enter lineage; downstream operations admit structurally.

Why It Matters Structurally

Adaptation operation without composite licensing evaluation produces structural compliance risk. Real adaptations involve multiple licensed elements; license violations may occur unintentionally.

Composite licensing intersection produces structural compliance. The architecture computes operating-license envelope; operations admit within envelope; license violations are structurally prevented.

How It Composes With Mesh Operation

The architecture defines the licensing-declaration format, the intersection-computation primitives, and the operating-license recording. Implementations apply the architecture; adaptation operations proceed within the framework.

Composition with other features. Cross-jurisdictional licensing, byzantine-robust composition under disputed licensing claims, and dispute mechanism for licensing disputes all build on the composition primitive.

What This Enables

Defense adaptation operations involving multiple licensed elements gain structurally-supported compliance. Civilian commercial adaptation operations gain the same.

The architecture also supports licensing evolution. As licensing frameworks mature, composition protocols update through governance procedures.