

MaxTune-SD_TSD_Kapitel-3.3_v2.1 – Technical System Documentation

Policy-Guided Tuning and Constraint Adherence

Version: 2.1 Effective from: 25.04.2025 Status: 100/100 – Approved Note:
Compatibility with Max systems is based on documented interfaces, not fixed version bindings.

3.3 Policy-Guided Tuning and Constraint Adherence

MaxTune does not permit unconstrained model tuning. Every tuning operation is defined, bounded, and triggered through rule-based logic rooted in MaxReg policies.

Tuning is only allowed if:

- it falls within a stakeholder-approved domain
- it adheres to ethical and functional rule sets
- it produces traceable transformation sequences
- it remains subject to audit verification at each checkpoint

Constraint adherence in MaxTune is enforced via:

- predefined parameter ceilings and floor values
- learning window boundaries
- change-justification logic
- automated anomaly detection triggers

The system will reject or revert any tuning behavior that steps beyond authorized constraints. MaxTune thereby transforms tuning from an experimental art into a rule-anchored, purpose-driven, and sovereign learning action.

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