

MaxTune-SD_TSD_Kapitel-3.2_v2.1 – Technical System Documentation

Contextual Segmentation and Learning State Management

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.

3.2 Contextual Segmentation and Learning State Management

MaxTune enables learning to occur in contextual segments, each governed by distinct rule sets, boundaries, and learning objectives. Segmentation avoids conflation of unrelated knowledge domains, thus preserving accuracy, interpretability, and auditability.

Each learning state is:

- bounded to a segment ID
- linked to its originating policy frame
- checkpointed at regular intervals
- auditable and forkable

Learning state management includes:

- retention rules
- aging logic
- rollback protocols
- policy re-validation triggers

This guarantees that MaxTune's memory is never undirected or unaccounted for. All knowledge is bound to context, rules, and stakeholder consent.

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