

## MaxTune-SD\_TSD\_Kapitel-5.3\_v2.1 – Technical System Documentation

### Ethical Boundary Detection and Correction Signals

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.

---

### 5.3 Ethical Boundary Detection and Correction Signals

MaxTune incorporates ethical boundary detection logic to prevent learning events from drifting into unauthorized, harmful, or societally incompatible domains.

Ethical boundaries are defined by:

- stakeholder policies and override rights
- MaxReg-issued governance rules
- context-aware sensitivity classifiers
- public-interest alignment checks

If an ethical boundary is approached, MaxTune emits correction signals:

- alert to audit and stakeholder modules
- automatic learning suspension
- invocation of rollback protocol
- flagging of related source data for quarantine

These measures ensure MaxTune remains responsive not just to technical correctness, but to value conformity and social acceptability. Learning without moral anchors is disallowed by design.

---

Document Hash (SHA256):

182c8f5be0557ff5c643ca57d936c080e7c464e5c0780ff9da18f5c69a866306