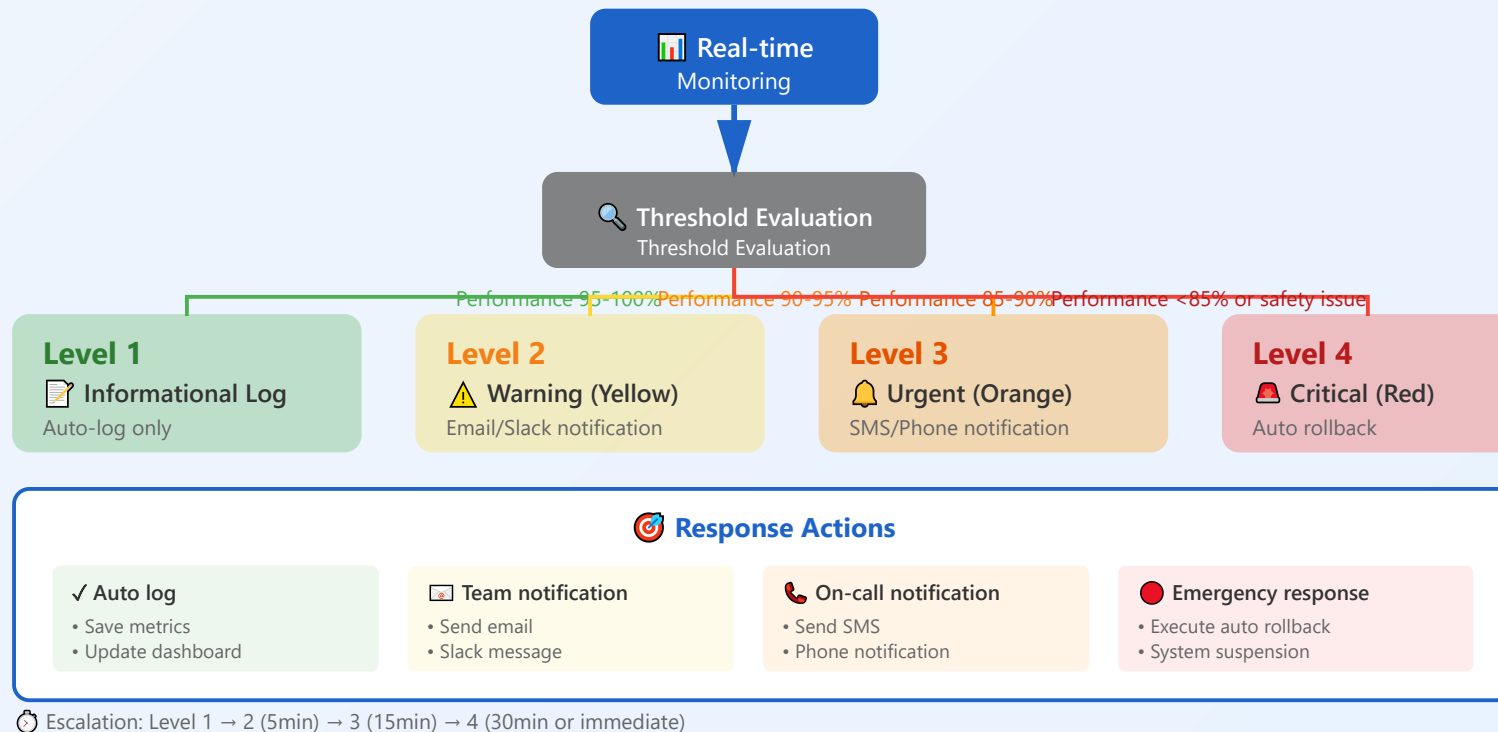


Alert Systems (Alert Systems)

Multi-tier Alert System Architecture



Alert Types

- Performance Alerts: Accuracy drop, latency increase
- Data Drift Alerts: Input distribution change detection

- System Alerts: Server down, memory shortage
- Safety Alerts: Dangerous prediction patterns

Threshold Settings

- Warning (Yellow): Accuracy < 95%
- Critical (Orange): Accuracy < 90%
- Emergency (Red): Accuracy < 85% or safety issue
- Adaptive Thresholds: Statistical anomaly detection

Alert Flow

- Level 1: Auto log recording
- Level 2: Email/Slack notification
- Level 3: SMS/Phone notification (On-call)
- Level 4: Auto rollback and escalation