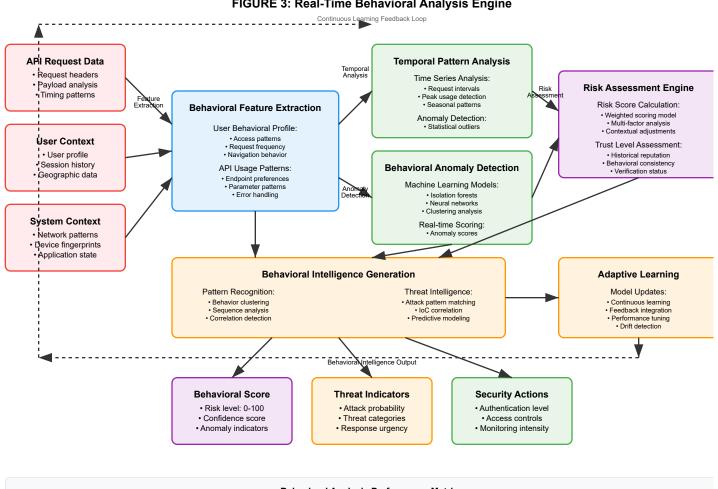
FIGURE 3: Real-Time Behavioral Analysis Engine



Behavioral Analysis Performance Metrics

Analysis Latency < 10ms real-time Sub-second batch Streaming capable

Accuracy Metrics 98.5% precision 97.8% recall < 0.1% false positive

Scalability 1M+ requests/min Auto-scaling Distributed processing Learning Capability Continuous adaptation Model evolution Drift compensation

Integration RESTful APIs Event streaming SIEM integration