FIG. 4: Deception Deployment Pipeline from Consensus Decision to AI Agent Activation

Feedback Loop

Consensus Decision
- Approved deception type
- Semantic parameters
- Resource allocation

Deployment Orchestrator 110
- Configuration parsing
- Infrastructure mapping

AI Agent Generation
- Content instantiation
- Service configuration

Defensive AI Agent Types

Protection Agents (Honeypots)
- SSH service decoy
- Web server trap
- Database honeypot

Monitoring Agents (Honeytokens)
- Fake credentials
- Decoy documents
- API canaries

Comprehensive MWRASP Agents
- Decoy services
- Synthetic traffic
- Network topology

Threat Prevention AI Agents
- Behavioral mimics
- Adaptive responses
- Learning loops

Infrastructure Deployment Layer

Container Orchestration
Kubernetes/Docker

Network Configuration
SDN/VLAN Setup

Security Integration
SIEM/SOAR APIs

Monitoring Dashboard
Real-time Status

Validation & Feedback Loop
- Deployment verification
- Performance monitoring
- Effectiveness measurement

Key Performance Indicators

Deployment Time: < 30 seconds   Success Rate: 99.5%   Scalability: 1000+ agents

Enterprise Protection AI Agent Network Deployment with Integrated MWRASP Validation Agents