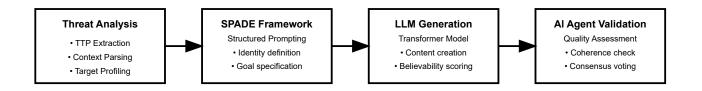
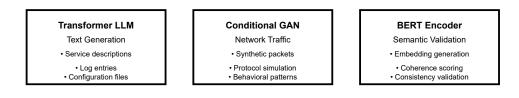
FIG. 8: Semantic Deception Generation Pipeline Using Transformer-Based Language Models



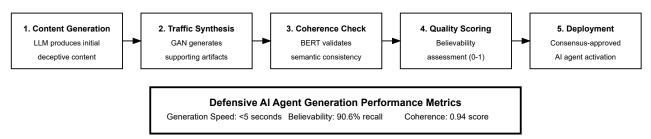
SPADE (Structured Prompting for Adaptive Deception Engineering) Components

Identity Goal Threat Context Strategy cybersecurity_defender create_believable_honeypot APT campaign data Resource constraints system_administrator generate decoy service Deployment timeline Attack vector analysis simulate_vulnerable_system Target organization profile Integration requirements network engineer security_analyst mimic_production_environment Historical attack patterns Performance targets

Hybrid AI Agent Model Architecture



Al Agent Output Generation Process



MWRASP (Total) Defensive Al Agent Generation with Integrated Semantic Validation