Cognitive Security Lifecycle Phases
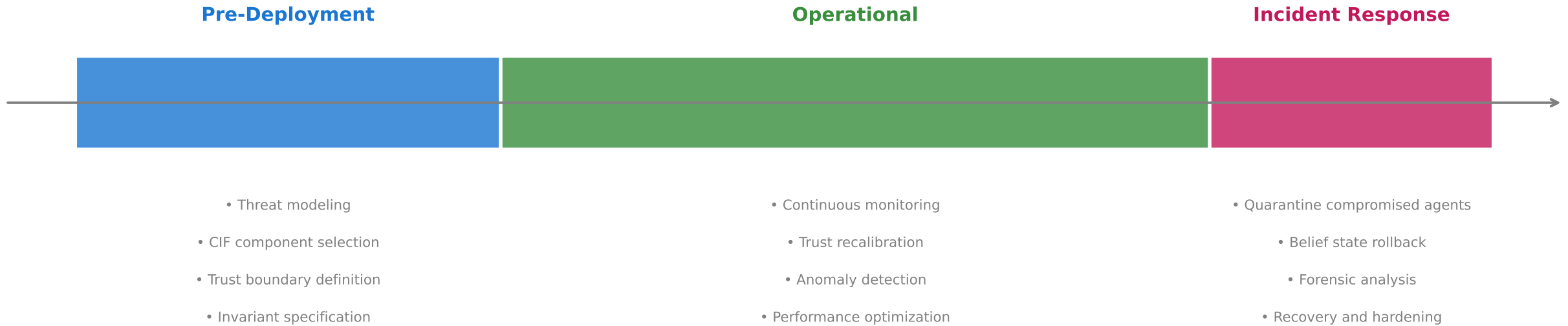
Pre-Deployment

Operational

Incident Response

• Threat modeling

• CIF component selection

• Trust boundary definition

• Invariant specification

• Continuous monitoring

• Trust recalibration

• Anomaly detection

• Performance optimization

• Quarantine compromised agents

• Belief state rollback

• Forensic analysis

• Recovery and hardening

Time →