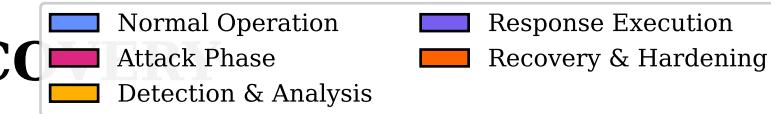# ATTACK LIFECYCLE: DETECTION THROUGH RECOVERY

*Example Trace — Illustrative simulation of CIF defense mechanisms*



Legend:
- Normal Operation
- Attack Phase
- Detection & Analysis
- Response Execution
- Recovery & Hardening

**Inter-Agent Trust**

Event markers: *Attack Injected*, *Tripwire Triggered*, *Anomaly Confirmed*, *Quarantine Activated*, *Trust Reset*, *System Restored*

Phases: **Normal Operation**, **Attack Injection**, **Detection & Analysis**, **Response Execution**, **Recovery & Hardening**

Time ranges: T0-T25, T25-T35, T35-T50, T50-T65, T65-T87

Alert Threshold

**Belief Integrity**

1.0

0.0