

**TRANSACTION TIMELINE WITH PROTOCOL SWITCHING**

Timeline: T=0 ————— T=50ms ————— T=100ms

**300 PHASE 1**  
Initial Protocol Selection

**302 LIGHTWEIGHT ENCRYPTION**  
(Standard Transaction)

**304 THREAT DETECTED**  
Suspicious Pattern  
AI Agent Alert

**310 PHASE 3**  
Additional Protocol Layer Added

**312 SECURE MPC + ZKP HYBRID**  
(Multi-Bank Verification)

**306 PHASE 2**  
Dynamic Protocol Switch

**308 ZERO-KNOWLEDGE PROOF**  
(Enhanced Security)

**KEY FEATURES**

- No Transaction Rollback
- Seamless State Transfer
- Real-time Adaptation
- Zero Data Loss

**314 STATE PRESERVATION MECHANISM**

**316 Transaction State Cache**

**318 Protocol Bridge**

**320 Rollback Prevention**

**322 COMPLETED TRANSACTION**  
Successfully Adapted to Threat  
Without Restart or Data Loss