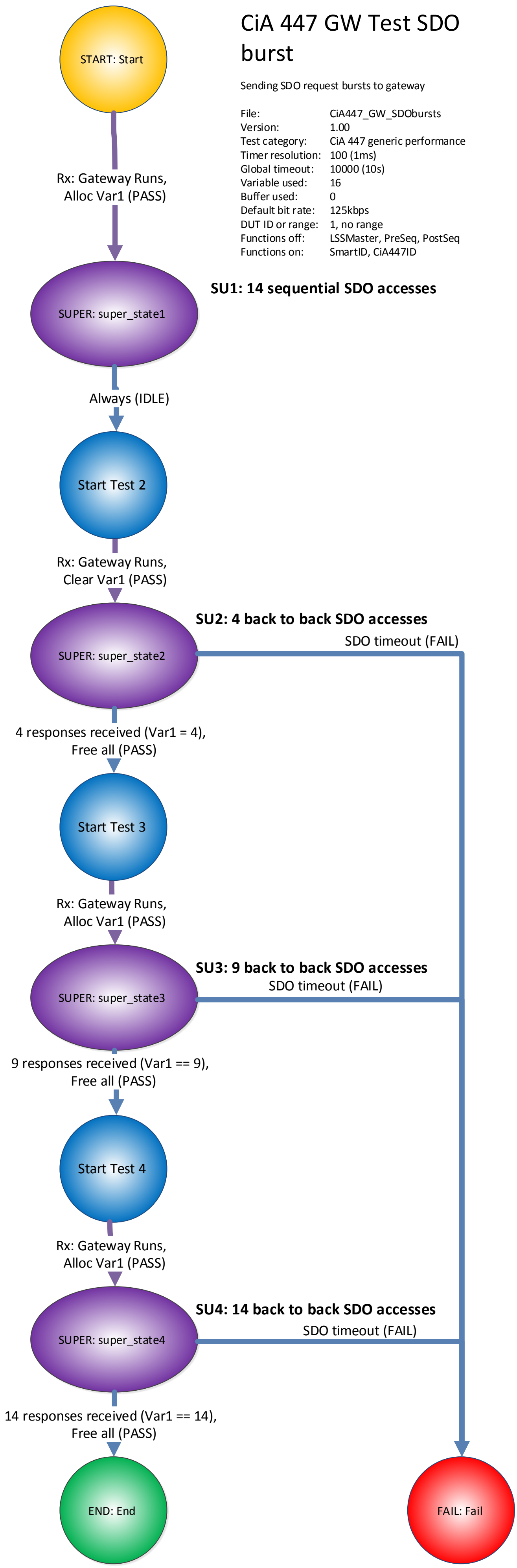


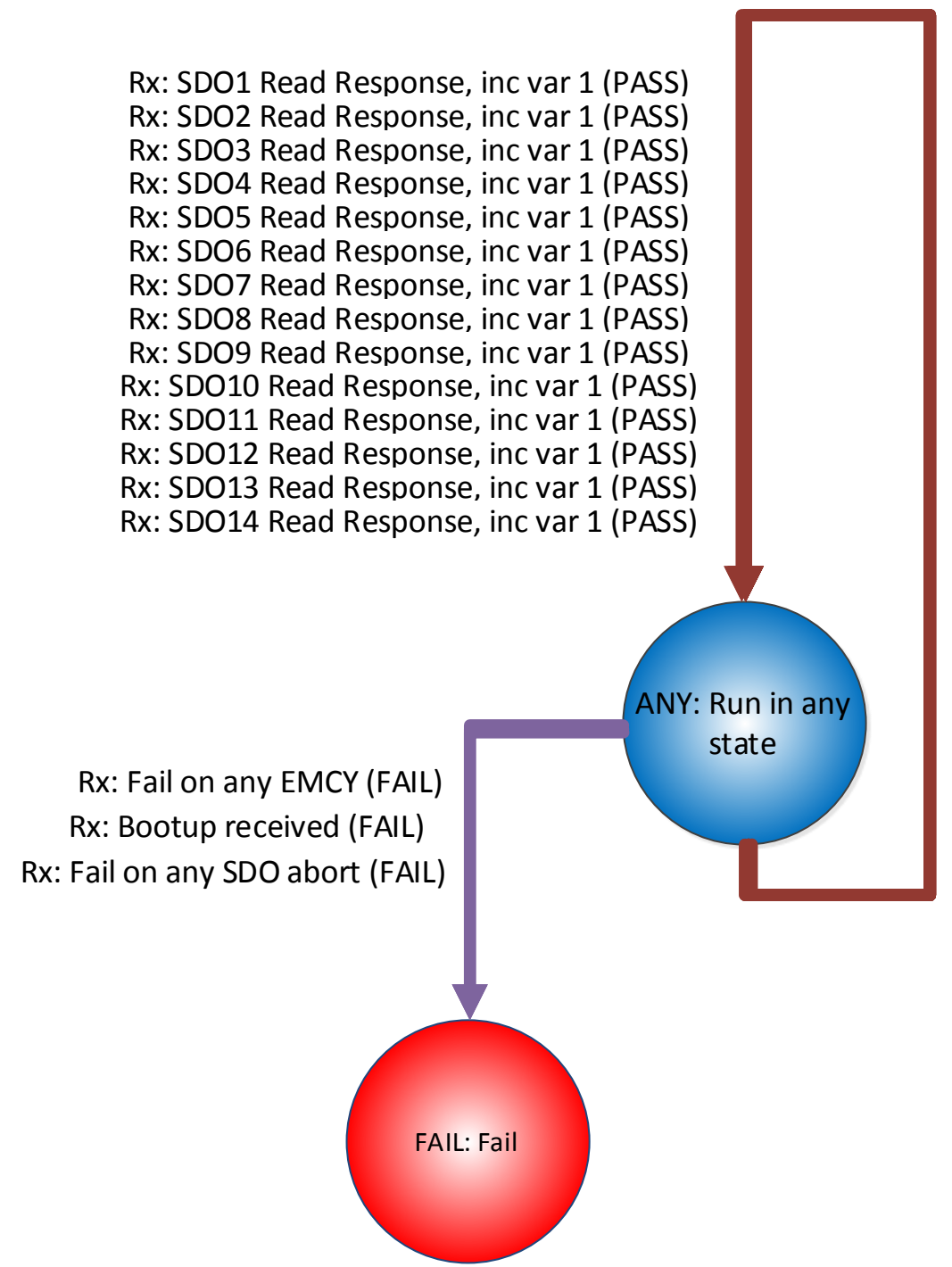
CiA 447 GW Test SDO burst

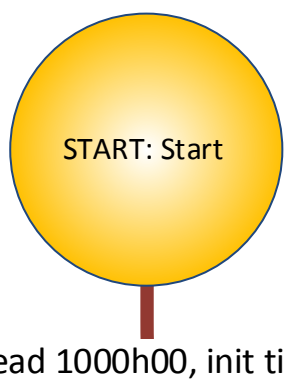
Sending SDO request bursts to gateway

File: CiA447_GW_SDObursts
 Version: 1.00
 Test category: CiA 447 generic performance
 Timer resolution: 100 (1ms)
 Global timeout: 10000 (10s)
 Variable used: 16
 Buffer used: 0
 Default bit rate: 125kbps
 DUT ID or range: 1, no range
 Functions off: LSSMaster, PreSeq, PostSeq
 Functions on: SmartID, CiA447ID



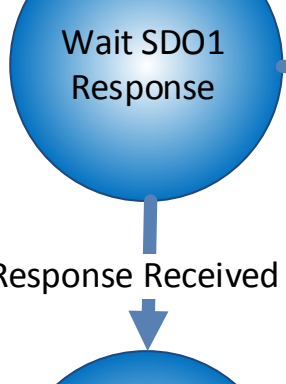
In ANY state: handle SDO responses. Increase Var1 with receipt of SDO response. FAIL test if any SDO abort, emergency or bootup is received.





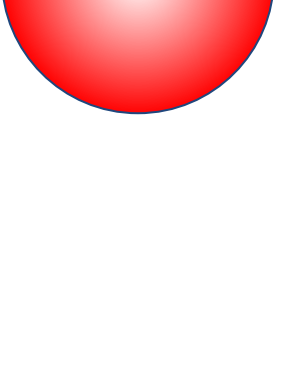
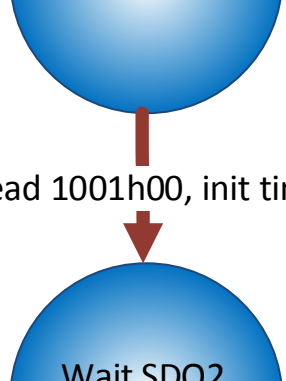
SU1: 14 sequential SDO accesses
Variables:
2-15: restart with each SDO request

Tx: SDO1 Read 1000h00, init timer 2 (IDLE)

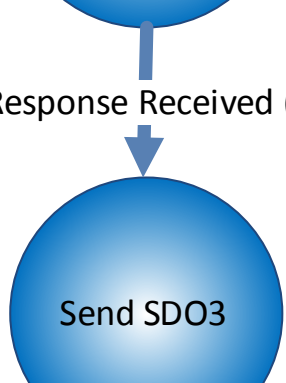


SDO Response Received (PASS)

SDO Response Timeout (FAIL)



Tx: SDO2 Read 1001h00, init timer 3 (IDLE)



SDO Response Received (PASS)

SDO Response Timeout (FAIL)

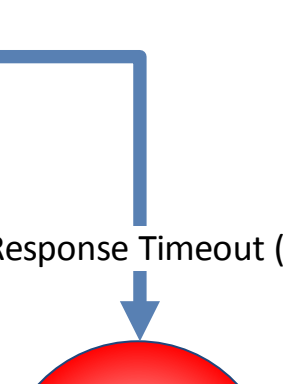
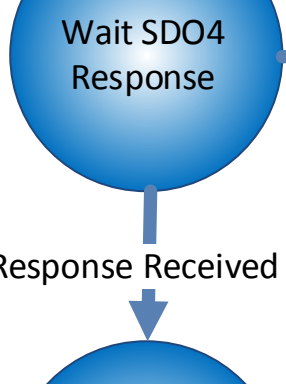


Tx: SDO3 Read 1003h00, init timer 4 (IDLE)

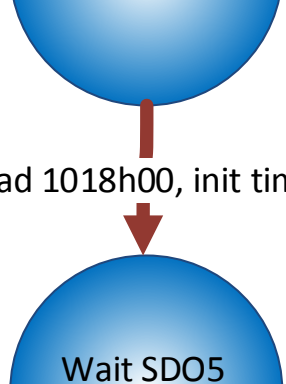


SDO Response Received (PASS)

SDO Response Timeout (FAIL)

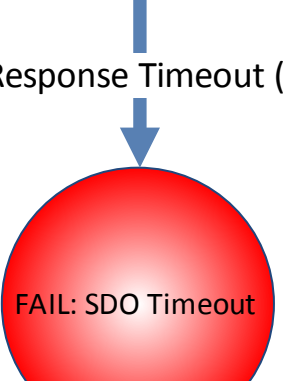
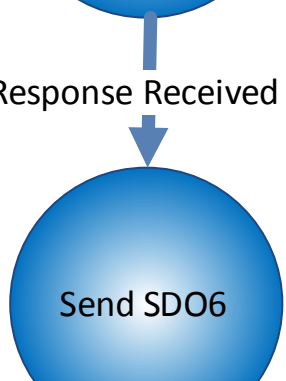


Tx: SDO Read 1017h00, init timer 5 (IDLE)



SDO Response Received (PASS)

SDO Response Timeout (FAIL)

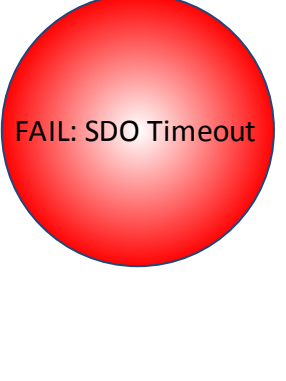
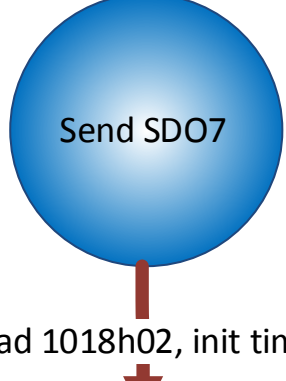


Tx: SDO Read 1018h00, init timer 6 (IDLE)

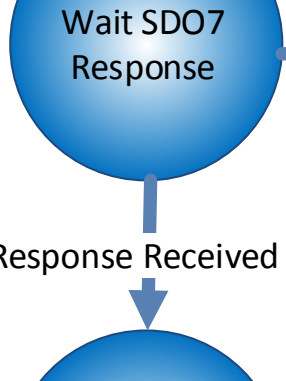


SDO Response Received (PASS)

SDO Response Timeout (FAIL)

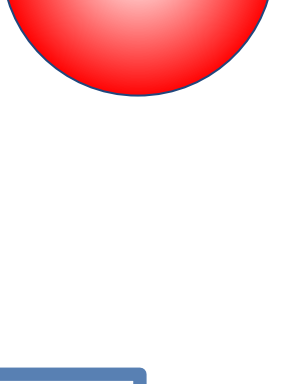
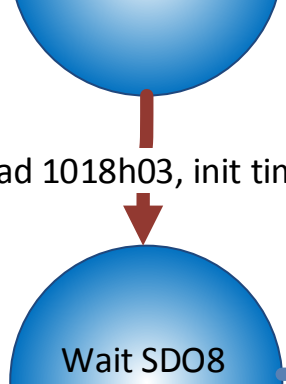


Tx: SDO Read 1018h01, init timer 7 (IDLE)

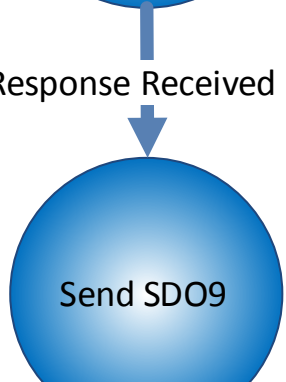


SDO Response Received (PASS)

SDO Response Timeout (FAIL)



Tx: SDO Read 1018h02, init timer 8 (IDLE)

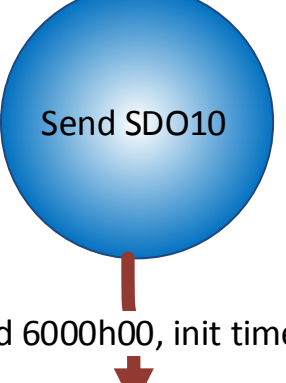


SDO Response Received (PASS)

SDO Response Timeout (FAIL)

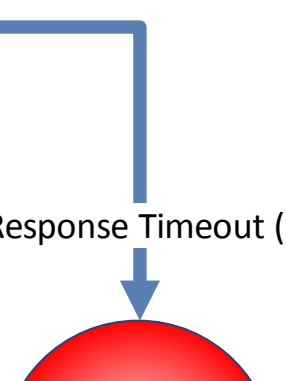
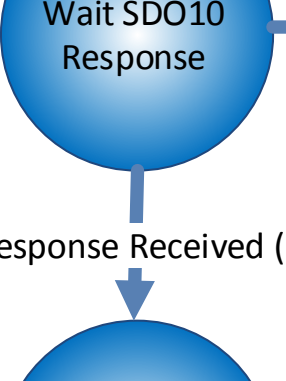


Tx: SDO Read 1018h03, init timer 9 (IDLE)

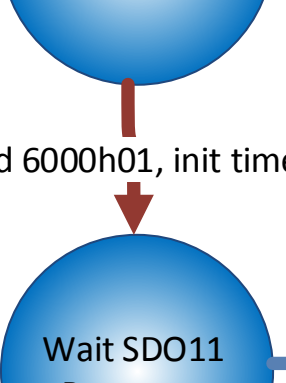


SDO Response Received (PASS)

SDO Response Timeout (FAIL)

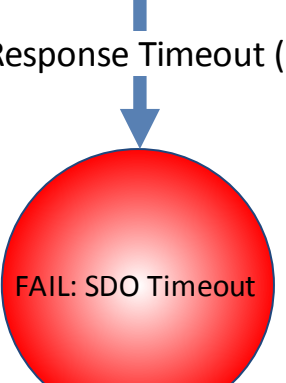


Tx: SDO Read 1018h04, init timer 10 (IDLE)



SDO Response Received (PASS)

SDO Response Timeout (FAIL)

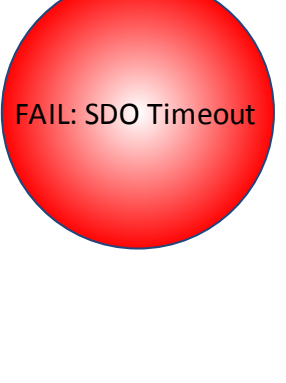
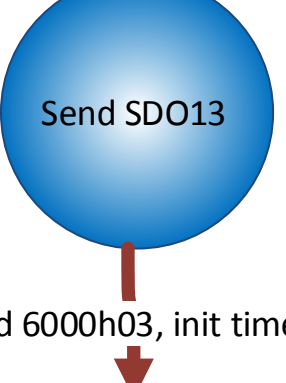


Tx: SDO Read 6000h00, init timer 11 (IDLE)

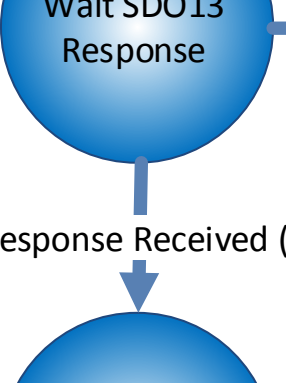


SDO Response Received (PASS)

SDO Response Timeout (FAIL)

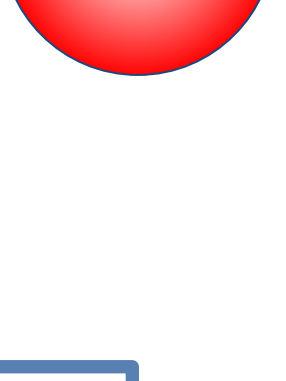
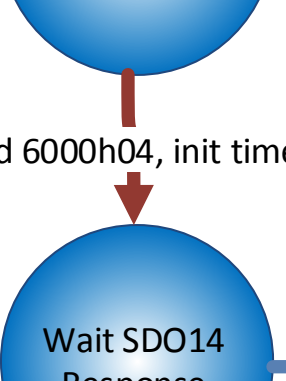


Tx: SDO Read 6000h01, init timer 12 (IDLE)

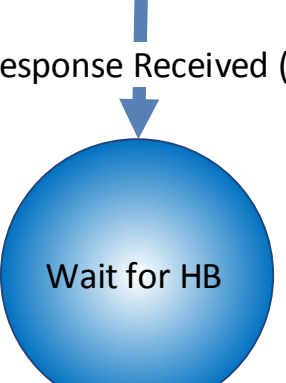


SDO Response Received (PASS)

SDO Response Timeout (FAIL)

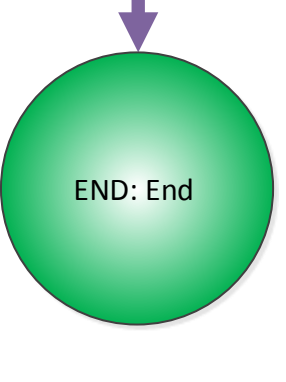


Tx: SDO Read 6000h02, init timer 13 (IDLE)



SDO Response Received (PASS)

SDO Response Timeout (FAIL)



Tx: SDO Read 6000h03, init timer 14 (IDLE)

SDO Response Received (PASS)

SDO Response Timeout (FAIL)

Tx: SDO Read 6000h04, init timer 15 (IDLE)

SDO Response Received (PASS)

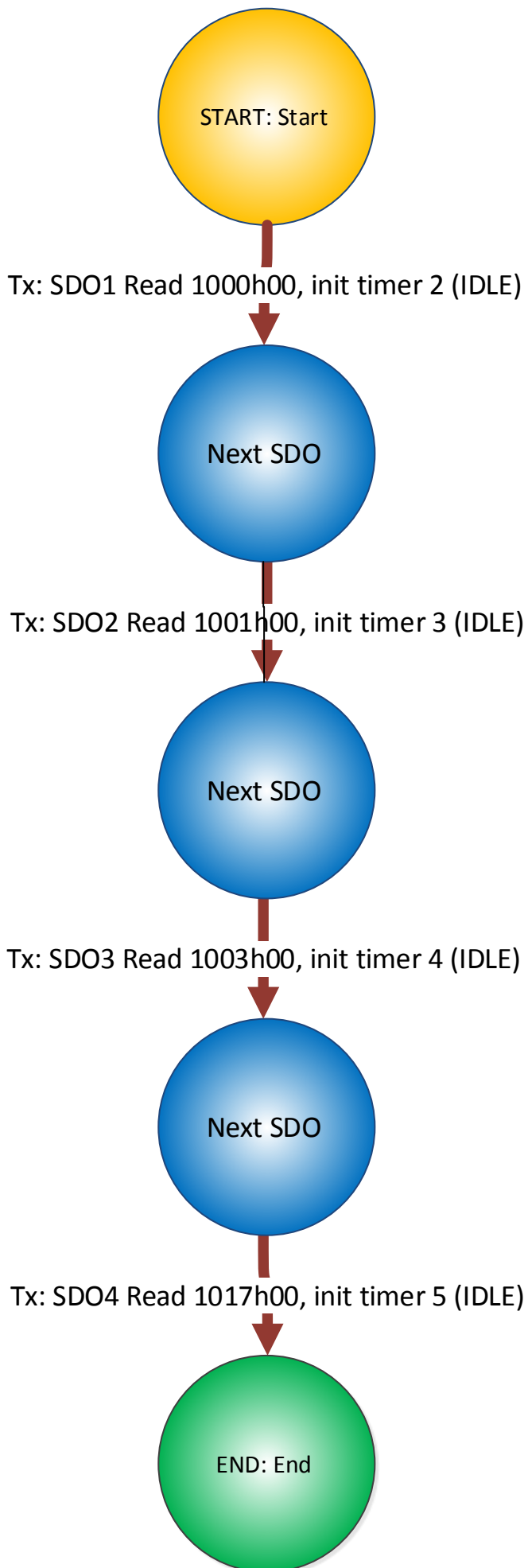
SDO Response Timeout (FAIL)

Rx: Gateway is operational (PASS)

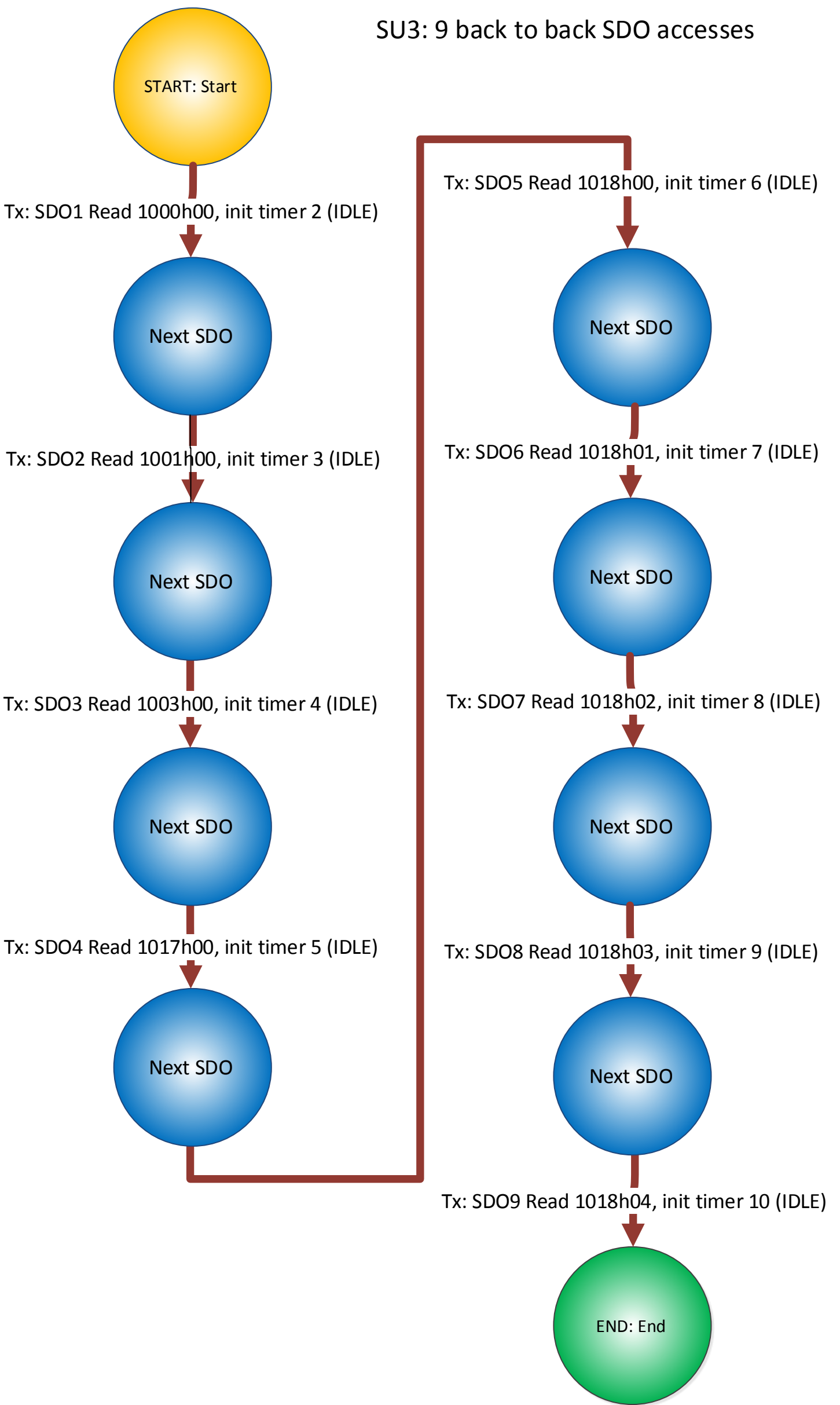
SU2: 4 back to back SDO accesses

Variables:

2-5: Restart with each SDO request



SU3: 9 back to back SDO accesses



SU4: 14 back to back SDO accesses

