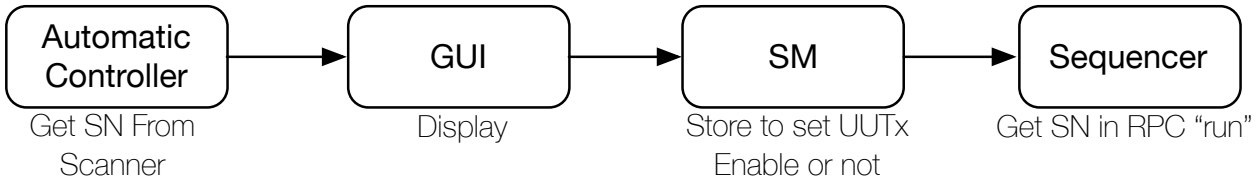
SN FLOW

Version	Date	Author	Comment
0.1	16/Jan/06	IvanGan	Initial Draft

1. **Automation**



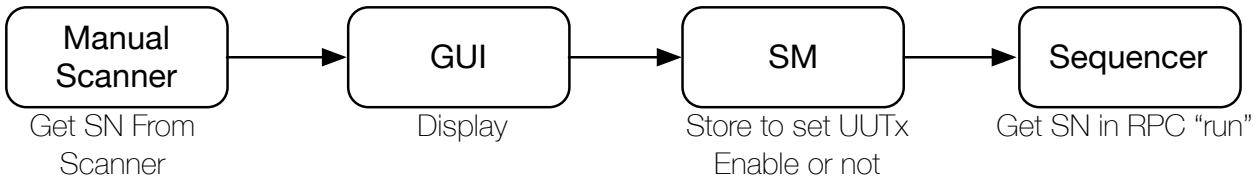
a). Automatic read SN from Scanner or SFC, and Send SN to GUI

b). GUI will show SN in UI.

c). After user click “Start”, GUI will send SN to State Machine.

d). State Machine will send RPC command “run” to sequencer with SN

2. Manual Scanner



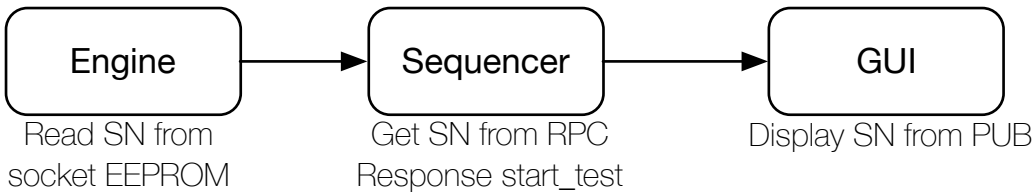
a). User scan Sn with Scanner, and Send SN to GUI

b). GUI will show SN in UI.

c). After user click “Start”, GUI will send SN to State Machine.

d). State Machine will send RPC command “run” to sequencer with SN

3. Sip Socket



a). Engine Read data from EEPROM of socket, and convert to SN with libSocket.dylib

b). SN will return to sequencer after engine done “start_test” function

c). GUI will monitor message to get SN and display

SN Compare

Customer always need to compare SN which are from UUT with command “syscfg print #MLB” and Scanner or eeprom.

Solution:

Sequencer need to define variant to store SNs.

1. With calculate function to compare SN :

Test plan define the param1 as “if {{mlbsn}}=={{eepronsn}} then return “PASS” else return “FAIL””

2. Engine define a function comparesn to do this action:

3. Sequencer to do this internal