***Series of events for communication between LATE and APL:***

1. APL gets the machine information and construct a challenge string
2. APL sets some package information in that string.
3. APL encrypts the CS(challenge string) with APL’s private key.
4. LATE gets the serial number and the CS
5. LATE decrypts the CS using APL’s public key.
6. LATE validates the relation between serial number and CS and checks for its validity.
7. LATE parses the CS and adds more meta information in it. A response string (RS) is constructed.
8. LATE encrypts the RS using its private key.
9. APL gets the encrypted RS
10. APL decrypts the RS using LATE’s public key
11. APL gets the information out of it and compares the properties with that of original CS.
12. APL returns pass or failure on the basis of the comparison.

***Contract between LATE and APL for CS and RS***

APL constructs the RS which is a 16 digit number. 10 digits are processed on the digit level and 4 digits are on the bits level. Remaining 2 digits are used for future purpose for extra information.