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(57) Abstract :

The present disclosure relates to an assembly for a system for video encryption, and decryption. The system (100) has a housing (102) configured with an encryption module (104), a key module (108), and a processing unit (110). The encryption module (104) receives data, identification information over a network (106) while the key module (108) generates an encryption key according to the identification information provided by the one or more authorized users. Additionally, the processing unit (110) encrypts the data over the network (106) using one or more techniques. It also stores the encrypted data content with an associated data key provided by the key module (108). Moreover, the processing unit (110) provides the associated new data key, and decrypts the encrypted data content using the data key provided using one or more techniques. It also provides the data key to the one or more authorized users for decryption.

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