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(57) Abstract :
 ABSTRACT: Title: A System for Multi-Layer File Sharing Through a Network and Method Thereof The present disclosure proposes a system (100) for protecting critical industrial control system data and software integrity using cryptographic security techniques. The system (100) comprises a computing device (102), a network (126), an application server (128), a database (130) and one or more user devices (132). The system (100) implements secure file sharing through a network communication, web development, and advanced cryptography techniques for greater security in file sharing. The system (100) provides a higher level of security, such as a one-time password (OTP) for public and private domains during file sharing. The system (100) for secure file sharing for authorised users with file encryption and decryption process and along with OTP authentication process.

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