

ABSTRACT

DATA SECURITY PROTECTION METHOD, DEVICE, SYSTEM, SECURITY CONTROL FRAMEWORK, AND STORAGE MEDIUM

The application relates to the technical field of information security, and provides a data security protection method, device and system, a security control framework and a storage medium. The method comprises: setting a protection module in a target device to control read and write permissions of a computer device on the storage device, so as to ensure communication security between storage devices, prevent the computer security risk caused by a malicious storage device accessing the computer device, and prevent data leakage of the storage device caused by malicious access of the data on the storage device by the computer device. Meanwhile, in the present application, according to a current protection mode of the target device, permission control is carried out on a data interaction instruction sent by the computer device, and if the data interaction instruction meets the permission requirement corresponding to the current protection mode, the data interaction instruction is responded, so that the computer device is ensured to access the storage device in the current protection mode of the target device, data damage and data leakage of the storage device are avoided, and data security of the storage device is improved.

Figure 1