



# What is RedFox Duplicator?

- The perfect solution to encrypt the SD card's CID into a license key.
  - Copy data make license key and a large number of rapid productions at the same time.
- RedFox Duplicator-License Key production + data copy
  - 1. It can read the CID from the SD card. By using authorization key to encrypt the CID from SD card, then write it back to each corresponding SD card as the usage of SD authorization authentication.
  - 2. It can copy data quickly for mass-production?

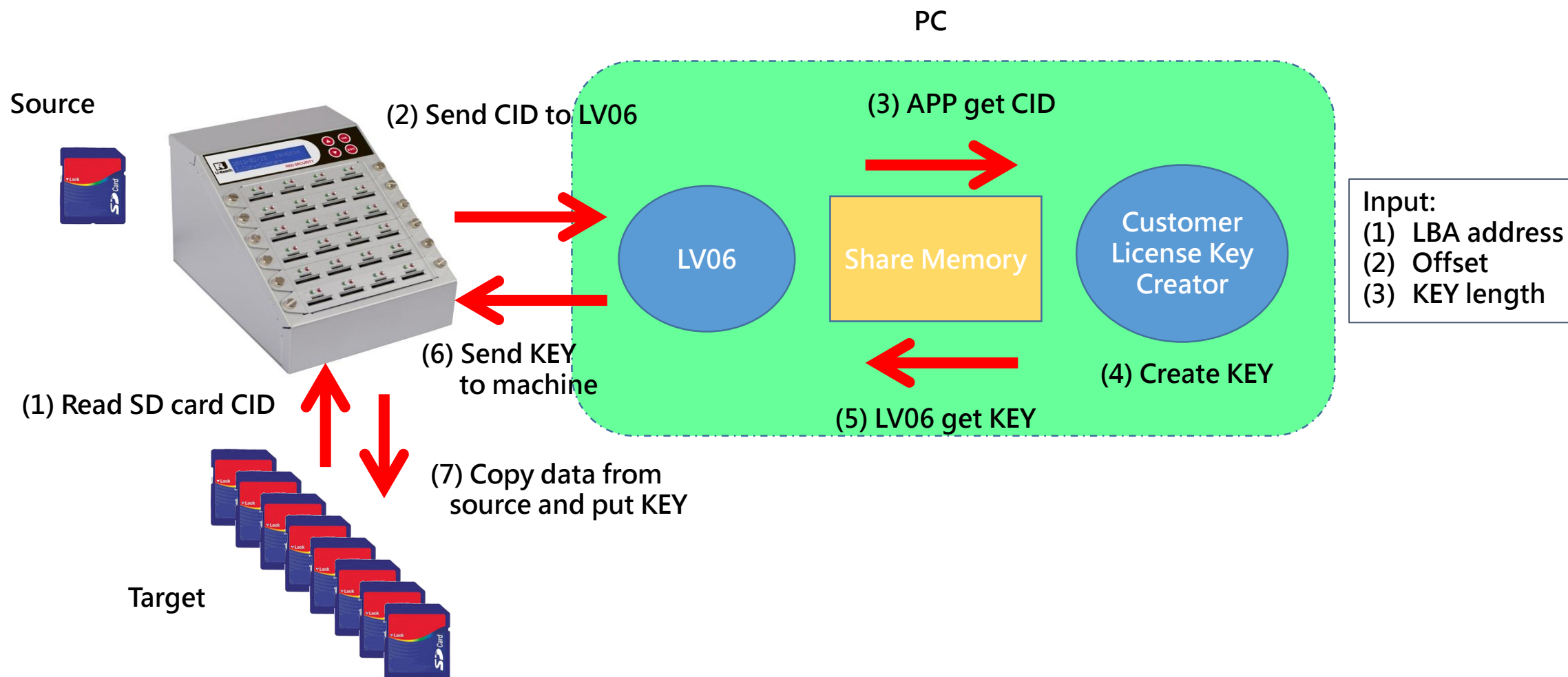


# The Advantages of RedFox Duplicator

- Other brand of duplicator needs to divided copy data and license key input into two steps, and corresponding port number cannot be misplaced!
- Normal PC can't read CID of SD card directly; it needs other equipment to assist.
- Easy customization. User can design encryption method of the program license key through the SDK. There is no risk for data-leakage.
- Copying data, making license key, and rapid mass production can be completed at one time.



# How to work?





# Package List

- **RedFox Duplicator**
- **Example SDK (C#, C++)**
  - For creating license key
- **Applications**
  - PL2303\_Prolific\_DriverInstaller.exe – duplicator driver
  - LV06.exe - duplicator communication protocol
  - FL1004.exe - get LBA address tool

# Application market

- Navigation equipment
- Medical equipment software
- Education video application
- Gaming software





# FAQ

- **1. Can RedFox Duplicator make data of SD card encrypted?**
  - **A: No, RedFox Duplicator only can read CID for user. User can encrypt CID to a KEY according to their needs, then RedFox Duplicator can write license key back to SD card.**
- **2. Which OS and file system can RedFox duplicator support?**
  - **A: LV06 and FL1004 support Windows OS and FAT32 format for SD card. NTFS and exFAT are not supported. (If customer uses 64GB SD card, there will be a problem for formatting exFAT)**



# RedFox Duplicator – More Details

|                             | RedFox Duplicator                   |  |
|-----------------------------|-------------------------------------|--|
| Operating System            | Windows only                        | 7 / 8.1 / 10   |
| File                        | File System                         | FAT only   |
|                             | License key location                | Specific file  |
|                             | License key Encryption Algorithm    | Provide by customer  |
| Applications of Accessories | PL2303_Prolific_DriverInstaller.exe | Duplicator driver  |
|                             | LV06.exe                            | Duplicator communication protocol  |
|                             | FL1004.exe                          | Get LBA address tool   |
| License Key Creator         | SDK                                 | Sample code (C++ , C#)   |
|                             | Application of Customization        | Programming by C-Protek refer to customer's license key encryption algorithm |
| Production                  | Duplicator                          | RedFox series  |

