



# Dark-Drive

## Dark-Drive

A commodity USB flash storage device - a commonplace accessory for any office worker. Everyone thinks they know how it works. Digital Operatives' customized storage device firmware undermines these expectations. With Dark-Drive firmware, a storage device can detect the identity of the USB host, introduce modifications to files out-of-band as they are stored or retrieved, perform commands triggered by keywords in files, and detect & prevent forensic imaging of the storage media.

*Dark-Drive exploits the trust in the act of storing or retrieving data, and invalidates the assumption that storage devices are simple block storage.*

## Clandestine Technology

Digital Operatives understands that its customers need to implement custom solutions that are not available to the general public, to create tactical surprise. Dark-Drive is only available under NDA to select organizations.

## Digital Sleeper Agent

The Dark-Drive firmware enables a device to exhibit only standard storage device behavior until it detects a given host computer or stored data, upon which it can take action. For example, it might start to subversively modify or destroy data, introduce an exploit to a file, or modify a stored program.

## Target Audience

Despite the subversive nature of Dark-Drive, it is intended to protect access to highly sensitive and otherwise protected data while at rest, traveling, or while under other undesired scrutiny. Dark-Drive is available only to commercial entities, governments, and other select clients.

## Anti Forensic Imaging

With the ability to detect and deny patterns of device access that indicate forensic imaging behavior or the presence of a write-blocker, Dark-Drive can protect stored data against the evidence acquisition methods used by forensic examiners.

## Familiar Packaging

The Dark-Drive firmware is built for use in the "thumb drive" form factor of consumer storage devices. Dark-Drive already runs on one such



device, and any existing storage device firmware source code can be adapted to include Dark-Drive capability.

## Contact

Digital Operatives LLC is a research leader in advanced information exploitation, operations, and digital defense. We provide our partners and customers with advanced solutions that give them the advantage on the digital battlefield.

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