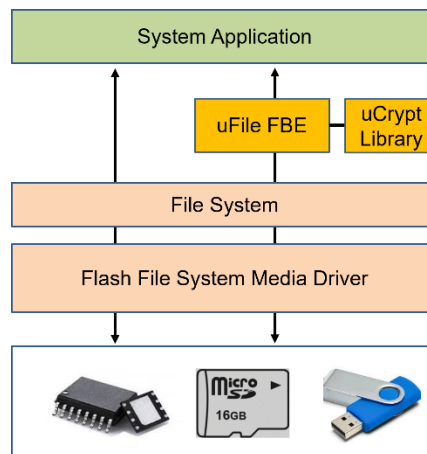
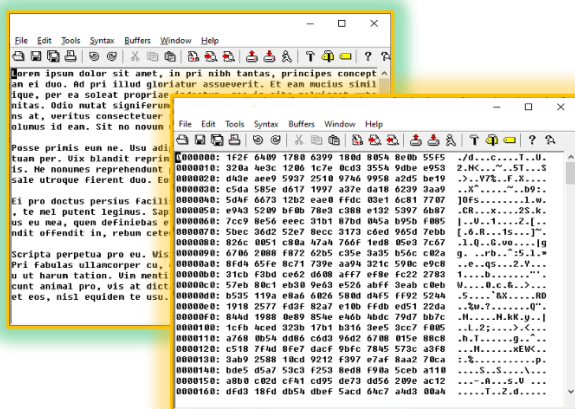


Cypherbridge®
Trusted, safe and secure

PLATFORM KIT

The SDKPac Library platform kit implements platform, OS and file system porting interfaces. uFile is delivered pre-built and tested on a standard target evaluation kit. Platform support includes POSIX file systems, Eclipse ThreadX FileX, FATFS, with support for GCC, IAR EWARM, and MULTI toolchains

Industry practice and regulation requires security for data at rest for a range of applications. uFile-FBE provides high security file-based encryption for confidentiality, privacy, and integrity. This safeguards electronic data for commercial and specialized applications including medical device patient data, and protected content assets.



The uFile-FBE SDK features include:

- Encrypts files on fixed and removable media
- APIs to open, close, read, write, and seek files with encrypted context extensions
- Stream oriented sequential and random access
- Removable storage media can be transferred to any FAT compatible desktop system
- Encrypted files are 1:1 plain text size with optional metadata header
- Encrypted files use unique per-file keys
- Plain-text and encrypted files can be mixed in any combination on storage media
- Integrated with SDKPac uCrypt™ Suite B security cryptographic operations
- Portable ANSI-C SDK for a broad range of processors, platforms and file systems

uFile-FBE protects data-at-rest. The Cypherbridge SDKPac product family includes a wide range of RFC standard secure data-in-flight SDKs including TLS, SSH, SFTP, and VPN. Together this offers complete single source end-to-end solutions for data-at-rest and data-in-flight.