



CIPHERLOC

Data Security Solutions for the Next Hundred Years

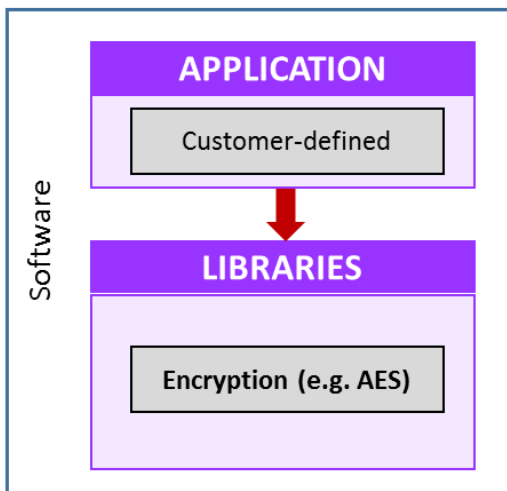
SERVER
Solutions

CipherLoc **GATEWAY**

Data Security Solution for Server Platforms

CipherLoc **GATEWAY** is a data protection software solution targeted for use on server platforms. Like CipherLoc's other products, the CipherLoc **GATEWAY** is delivered as a software SDK that can be easily integrated into any existing product, service, or application that uses encryption to protect data. By taking existing encryption algorithms such as AES and making them dramatically faster, stronger, and massively scalable, CipherLoc can enable encryption to be ubiquitously deployed everywhere rather than be rationed on an "as-needed, where-needed" basis.

Existing product / application / service

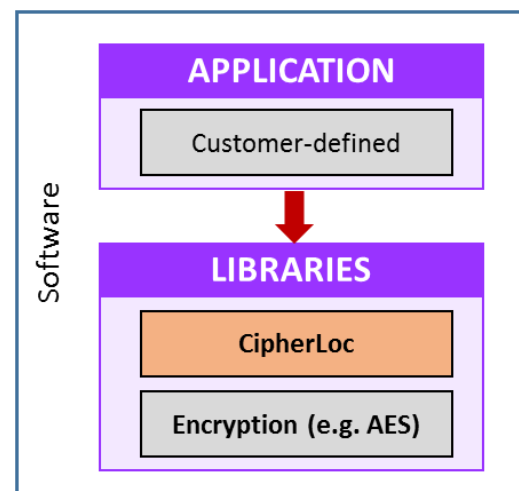


Existing product / application / service **with CipherLoc**

Adding CipherLoc...



... is as simple as inserting code on top of where encryption is used



CipherLoc *GATEWAY*

Features

- Provides an ironclad layer of protection for data that far surpasses existing encryption-only approaches
- **Fast** - Cuts encryption processing time by over 50%
- **Strong** - Dramatically enhances data security strength
- **Scalable** - Eliminates need to continually increase key sizes to keep pace with advances in computing horsepower
- **Flexible** - Designed to be easily added to any existing deployment
- Software can be installed on any Linux-based server
- Utilizes existing ciphers (e.g. AES, 3DES, Blowfish, etc.) already deployed and in use
- Delivered as a C++ library that can be easily and quickly added to existing programs or applications
- Preserves any prior investments made in security — CipherLoc is not a replacement technology but rather an additive one
- Seamless and more effective way to protect sensitive data and maintain user privacy

PLATFORMS SUPPORTED

Linux

LANGUAGES SUPPORTED

C

C++

C#

Objective-C

SWIFT

Java

For mobile platforms



CipherLoc
EDGE

For desktop, laptop, &
tablet platforms



CipherLoc
ENTERPRISE

For server platforms



CipherLoc
GATEWAY

For database and other
data storage platforms



CipherLoc
SHIELD

Data-in-motion

Data-at-rest