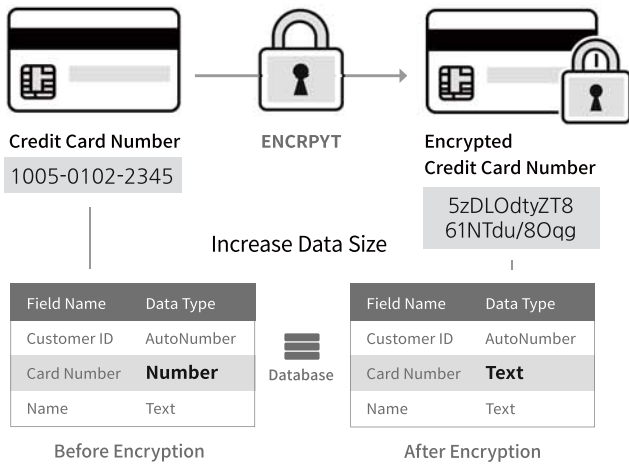
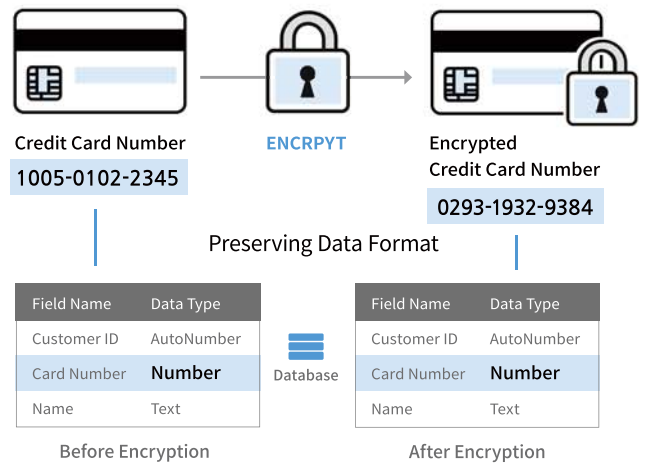


### Conventional Encryption



Conventional encryption requires changing the datatype, which requires changing the datatype in the database as well. This can affect the whole system and change itself takes a lot of time and cost. It is hard to apply data encryption if each database is reliant to each other, as an example ERP system.

### UniCipher's Encryption

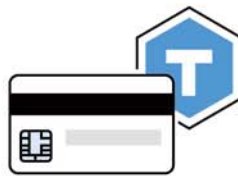


UniCipher uses the **Unicode Format Preserving Encryption** and it can encrypt all the data that is represented by Unicode : text, numbers. In comparison to contemporary encryptions, it keeps the format and thus database does not need to change all the data type changes.



#### IoT

For IOT, you can transfer the data without changing the length of data. It is useful for the case like Bluetooth which has limited transferable data length.



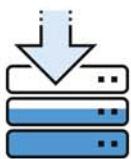
#### Tokenization

For Tokenization, you can tokenize the credit card number without the need of expensive token server.



#### Secure Chatting

For Secure Chatting, you can attach this module on to the message application. You can keep the exact same interface with secure chat.



UP TO  
**1/16**

UniCipher can reduce the cloud database size up to **1/16**, and if the network was CDN, it will be decrease 90% of the operating cost.



Windows



iOS



Android



CentOS



Ubuntu



Linux



Mac OS

UniCipher can be provided in the form of SDK that can be applicable to several OS. You can easily apply our encryption module to your product.