ZiLib SDK Guide

System Requirements
- iOS/iPadOS device (iPhone or iPad)
- Lightning Port reader or Bluetooth reader from TDi/TDAi products.
- ZiLib SDK files.
- NiLib SDK files.
- MOU or permission from DOPA (Department Of Provincial Administration, Ministry of Interior).

Usage
- Read normal Thai ID card data via NiLib API commands.
- Read Laser ID, Chip ID and BP1 Number via ZiLib API command.
- Check Thai ID card status via DOPA's web services (CheckCard By CID or CheckCard By Laser).

ZiLib API
(SInt32)getSoftwareInfoZI:(NSObject *)objNiOS : (NSMutableString *)strInfo;
- ○ **Description:** Get library information.
- ○ **Input parameters**
  - ▪ **objNiOS**: NiOS object
- ○ **Output**
  - ▪ **strInfo**: ZiLib information.
- ○ **Return Value:** 0 is successful, a negative number if error.

(SInt32)getSTextZI:(NSObject *)objNiOS : (NSMutableString *)strIKey : (NSMutableString *)strSText;
- ○ **Description:** Read special text from Thai ID card.
- ○ **Input parameters**
  - ▪ **objNiOS**: NiOS object
  - ▪ **strIKey**, 5 digits of NID number for verifying.
    - digit 11, digit 12, digit 3, digit 4 and digit 5
    - Example: for NID Number = "12**345**67890**12**3" then strIKey= "12345"
- ○ **Output**
  - ▪ **strSText =** Special text: "LaserID#ChipID#BP1Number"
    - Example: "ME1234567890#0123456789abcdef#12345678901"
- ○ **Return Value:** 0 is successful, a negative number if error

Zi Sample Usage
- The Zi Sample is a sample source code for ZiLib SDK testing.