ELYCTIS

e-ID expert

ID BOX SDK - eMRTD series

Easy eMRTD integration for developers

- *Support ICAO standard*
- *Android 5.1 and above*
- *Windows 7, 8, 10*
- *RFID through CCID reader and NFC reader*
- *MRZ/CAN through ID BOX One & camera*

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Features

		Windows SDK	Android SDK
• eMRTD features	Extended APDU	Yes	Yes
	BAC	Yes	Yes
	PACE	Yes	Yes
	PA	Yes	Yes
	AA	Yes	Yes
	CA	Yes	Yes
	TA	Yes	Yes
	EAC v1	Yes	Yes
	SAC	Yes	Yes
	MRZ Parser	Yes	Yes
	Logger	Yes	Yes
• MRZ solution	ID BOX One 011	Yes	Yes
	Mobile camera based MRZ entry	No	Yes (requires a licence)
	Manual MRZ entry	Yes	Yes (through ID BOX Suite APK)
• Reader integrations	ID BOX One 02x, 12x, 15x, 22x, 23x, 341	Yes	Yes, through idboxsdk v1.x.x
	ID READER 112, 121	Yes	Yes, through idboxsdk v1.x.x
	NFC stack	No	Yes, through idboxsdk v2.x.x (uses com.android.nfc)
• Compliance systems	PC/SC / CCID	Yes	Yes
	Support for CCID over UART	No	Yes
• Software	SDK	- ElyMrtd C# dll - Set of tools like ElyMRZ, ELY TRAVEL DOC, Firmware upgrade tools for Scanner & contactless reader, CardRdrSuite, ElyScriptTool along with source. - Certified Windows drivers	- idboxsdk as .aar with Javadoc - idboxsuite as .apk is a cluster of sub-applications like ELY MRZ, ELY SCARD, ELY TRAVEL DOC, ELY FINGERPRINT, Upgrade. - Sample quick start app with manual for developers
• OS	Supported versions	Windows 7, 8, 10	Android 5.1 to 11

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