

		CONTACTLESS INTERFACE													CONTACT INTERFACE					PRINTERS															INTERFACE		DRIVERS & SOFTWARE							
		LF (125-134.2 KHz)				HF (13.56 MHz)						UHF (865.6-867.6 / 902-928 MHz)																																
						ISO 14443 A		ISO 14443 B	ISO 15693	ISO 18092		ISO 18000-6C			ISO 7816			Non ISO cards																										
Frequency (f)	Standards																																											
Examples of supported cards / industry approvals		EM41xx	AWID	HITAG 1,2,S	HID PROX	MIFARE	DESFire	Legic	Calypso	HID iClass	NFC Reader Mode	FeliCa UID Only	UHF ETSI EN 302 208	UHF FCC part 15.247	EMV 2000	EMV 2011	Other smartcards	SLExxxx	ATxxxxx	Zenius	Zenius 2	Primacy 2 (2)	Primacy 2 Lamination	Quantum 2	Avansia (3)	Agilia	Tattoo RW 2	Elypso	KC Essential	KC Prime	KC Max	KM500B / KM2000B	Issengo	Privelio / Privelio XT										
MAGNETIC																																												
MAGNETIC ISO DUAL (HiCo / LoCo 3-track)		N.A													N.A					✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	USB IP						
MAGNETIC JIS2		N.A													N.A					✓	✓	✓	✓	✓				✓	✓	✓	✓	✓	(4)	(4)	(4)	USB IP								
SMARTCARD CONTACT																																												
EVOLIS ELYCTIS SMART	IDENTIV technology embedded	N.A													✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	USB (5) PC/SC	Windows XP / 7 / 8 / 10 / 11 (32/64 bit) Windows Server 2008 / 2012 / 2016 / 2019 MacOS 10.9.x - 12.2.x Linux 2.x, and 3.x, 4.x, 5.x (32/64 bit) Free SDK Compatible with Cardpresso
CONTACTLESS																																												
SPRINGCARD CRAZY WRITER HSP	1 SAM socket Option for 3 x additional SAM sockets extension					✓	✓		✓	Read	✓	✓			N.A					✓		✓	✓	✓	✓		✓	✓	✓	(4)	✓							USB (5) PC/SC	Windows Vista / 7 / 8 / 10 / 11 (32/64 bit) Supported by PCSC-Lite stack and driver (open-source) on Linux and Mac Free SDK Compatible with Cardpresso					
ELATEC TWN4 Multitech 2 M LFHF	2 SAM sockets	✓	✓	✓	(4)	✓	✓		Read R/W upon request	Read	✓	✓			N.A					✓	✓	✓	✓			✓		✓	(4)	(4)	(4)	(4)	(4)	(4)	(4)	USB (5) PC/SC	Windows 7 and higher versions (32/64 bits) Linux Android on request IOS on request Mac OS X on request Compatible with Cardpresso							
ELATEC TWN4 Multitech 2 M LFHF Legic®	2 SAM sockets	✓	✓	✓	(4)	✓	✓	✓	Read R/W upon request	Read	✓	✓			N.A					✓	✓	✓	✓			✓		✓	(4)	(4)	(4)		(4)	(4)	USB (5) PC/SC	Windows 7 and higher versions (32/64 bits) Linux Android on request IOS on request Mac OS X on request Compatible with Cardpresso								
ELYCTIS CONTACTLESS						✓	✓		✓						N.A						✓	✓	✓	✓			✓		✓	✓	✓	✓	(4)						Windows® 7/ 8 / 10 / 11 (32 and 64 bit), Windows® Server 2008 / 2012 / 2016 / 2019, Windows® XP (driver installation required from ELYCTIS Windows SDK) Linux from 2.x to 5.x (32 and 64 bit) (driver installation required from Indentiv support website) MacOS 10.9.x – 12.2.x (driver installation required from Identiv support website)					
OMNIKEY 5127 CK Mini		✓	✓	1,2	Read	✓	✓	(6)		✓		✓			N.A						✓	✓	✓			✓		✓	✓	✓	✓	✓			USB (5) PC/SC	Windows® XP / Vista™ / 7 (32 bit / 64 bit) / 8, 2003 Server, 2008, R2 Server, Linux (32 / 64 bit, incl. Debian 6.0, Fedora 15, OpenSUSE 11.4, Ubuntu 11.04) & Mac OS (10.5 Leopard and higher, Intel 32 / 64 bit)								
DUAL (CONTACT & CONTACTLESS)																																												
EVOLIS ELYCTIS DUAL	1 SAM socket Option for 2 x additional SAM sockets extension IDENTIV technology embedded					✓	✓								✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	USB (5) PC/SC	Windows XP / 7 / 8 / 10 / 11 (32/64 bit) Windows Server 2008 / 2012 / 2016 / 2019 MacOS 10.9.x - 12.2.x Linux 2.x, and 3.x, 4.x, 5.x (32/64 bit) Free SDK Compatible with Cardpresso					
OMNIKEY 5122						✓	✓			✓					N.A					✓	✓	✓	✓	✓		✓		✓	✓	(4)	(4)	(4)	(4)	(4)	(4)	USB (5) PC/SC	CCID native driver from operating system (Windows / Linux / Mac) Free SDK Compatible with Cardpresso							

This compatibility chart describes encoding solutions supported by Evolis. Even if the aim of this document is to check encoders and cards compatibility, make sure that cards are also compatible for printing with Evolis printers.

(1) LF = Low Frequency, HF = High Frequency, UHF = Ultra High Frequency

(2) Applicable also for Primacy 2 Lamination. Primacy 2 with scanner option embedded not compatible with smart card contact and contactless encoders.

(3) Applicable also for Avansia Lamination.

(4) Upon project request. Evolis is able to integrate other encoders upon request. But the feasibility evaluation should be done before with the Specific Projects team.

(5) USB encoding. Encoding over IP can be proposed upon request but the feasibility evaluation should be done before (Contact Evolis teams for further details).

(6) Cryptos handled by host

▼ ✓ On-site & Factory setting ✓ On-site setting ✓ Factory setting

IMPORTANT NOTICE & DISCLAIMER
Subject to change without any prior notice - This information is a guideline to support distributors and integrators to select the right encoding solution.
This document doesn't commit Evolis on any obligation regarding supply since each component is sourced from 3rd party suppliers who have their own roadmap and sales strategy that may change anytime.
The feature list is based on manufacturer's brochures and datasheets.