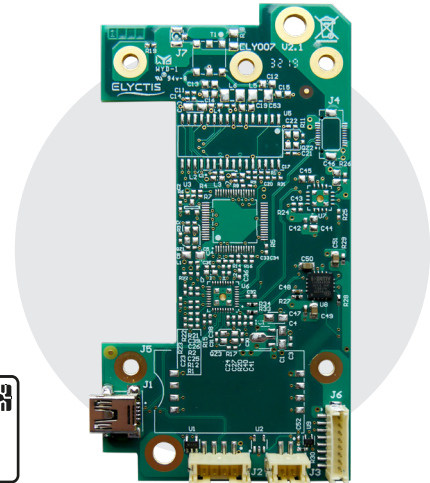


EVOLIS ELYCTIS SMART

Printer option Smart Contact card encoding



The **Evolis Elyctis smart encoder** has been designed in partnership with Elyctis, an e-ID expert, including integrations of IDENTIV chipsets, to offer a compact and efficient solution for smart contact card encoding, to be implemented in most of the Evolis printers.

As the rates of identity theft increases, more and more companies are turning to smart technology to secure their networks. Enterprises, governments and financial institutions are rapidly deploying a smart card infrastructure for logical access and protecting the privacy of on-line bank customers and web shoppers.

A wide variety of sensitive data types can be embedded into the chip:

- Identification details
- Personal information
- Financial data
- Biometric information.

Elyctis user-friendly smart card readers are an integrated part of more global authentication solutions. Built on the latest technology they offer reliability and ensure easy deployment.

The Evolis integration consists on implementing the Evolis Elyctis smart chipset on a dedicated PCB so it perfectly fits the printers' requirements.

Custom application can be easily integrated in cardPresso (card designer software) so the card personalization process does integrate the chip encoding.

SUPPORTED PRINTERS

- Factory mounted: Zenius Expert, Primacy 2, Primacy, Primacy Lamination, Quantum2
- On-site update: Zenius Expert, Primacy 2, Primacy, Primacy Lamination, Quantum2
- Upon project request: Elypso, KC200/KC200B, KM500B, KM2000B, Issengo, Privelio/ Privelio XT

SOFTWARE & SDK

- PC/SC Software and development kit free of charge

ABOUT ELYCTIS



Established in 2008, ELYCTIS has a longstanding expertise in eID projects, as well as hardware and software developments dedicated to Secure Identity Documents (e-passport, e-ID card, e-driver license, etc.). ELYCTIS is a specialist in RFID technology.

TARGET MARKETS:

- Payment
- ePurse
- Access Control
- Secured ID



DATASHEET

EVOLIS ELYCTIS SMART

COMMUNICATION INTERFACE

SUPPORTED SMART CARDS	• ISO 7816 Class A, B and C cards (5 V, 3 V, 1.8 V) • ISO 7816 compliant up to 5MHz reader clock, operates up to 12MHz • Reads from and writes to all ISO 7816-1,2,3,4 microprocessor cards, T=0 and T=1 protocols • Supports memory cards using «Synchronous Card API» • Short circuit detection
CARD BAUD RATE	• Communication speed up to 600Kbps - TA1=97 supported
HOST	• USB 2.0 Full Speed – limited to the Printer Internal Hub performance • Plug and Play
OPERATING SYSTEMS	• Windows® 7, 8, 10, (32 & 64 bits), Windows® Server 2003, 2008, 2012 • MAC® OS 10.9.x, 10.10.x, 10.11.x • Linux® 2.6.X, 3.X (32 & 64 bits)

PC/ SC MODE

API	• Microsoft PC/SC environment with associated drivers • CT-API (through wrapper on top of PC/SC) • Synchronous Card API for support of memory cards (through wrapper on top of PC/SC)
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ENVIRONMENTAL

TEMPERATURE	• Operating: 0°C / +50°C • Storage: -20°C / +60°C
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USB INTERFACE

POWER CONSUMPTION	• <6mA excluding card; 25mA including card
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CERTIFICATIONS

STANDARDS	• ISO/IEC 7816-1,2,3,4: IC Cards with contacts • EMV 2011 Level 1 version 4.3 • CCID - Chip Card Interface Device
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