



# Printplex<sup>®</sup>

Smart Card API and Coupler

Personalize smart cards with your PC card printer quickly and easily. Printplex<sup>®</sup> from CardLogix is a low-cost and user-friendly middleware solution for printing smart cards for any application. Working through the included CardLogix Coupler, this powerful API will allow you to print and encode cards without expensive or specialized equipment. Printplex<sup>®</sup> is designed to work with all dye-sublimation card printer models from Eltron/Zebra, Datacard, Fargo, Evolis, Matica, and many others.

The DLL format of the Printplex<sup>®</sup> API integrates your application across many development and programming environments such as Visual Studio .NET, C++, Delphi, Java, Oracle, and Sybase.

Printplex<sup>®</sup> enables rapid application development through clear documentation and programming examples. It includes multiple, high-security commands for encryption, authentication, and card holder verification.

Printplex<sup>®</sup> and the CardLogix Coupler are the tools you need to deal with the complex requirements of card issuance with multiple applications, security settings and printing equipment. When integrated with your application, these products will enable rapid personalization at the point of card issuance.



#### Features:

- Supports Windows 7, XP, Vista, and 2003 Server
- Supports a large variety of CardLogix microprocessor & memory Smart Cards
- Special API module for Java<sup>®</sup> Cards
- Includes demo interface software and five test cards

## CardLogix Coupler Technical Specifications

<b>Interface Type</b>	USB 2.0
<b>Cable to PC</b>	USB (permanently attached)
<b>Cable to Printer</b>	DB-9(M) (permanently attached)
<b>Input power (Voltage)</b>	5V (supplied via USB)
<b>Input power (Current)</b>	<60 mA max
<b>Indicators</b>	Power on LED, card ready LED
<b>Operating Conditions (Temperature)</b>	5° C to 50° C
<b>Humidity</b>	5 % to 95 % non-condensing
<b>Weight</b>	14oz. ( 397 grams)
<b>Options</b>	Custom-length cabling (special order)
<b>Dimensions (Box)</b>	Width 5.31" (13.48 cm) x Height 1.50" (3.8 cm)
<b>Dimensions (Cables)</b>	6' (1.8 m) to PC, 1' 3" (38 cm) to peripheral
<b>Body Color</b>	Black
<b>EMI Compatibility</b>	UL & CE 89/336
<b>Supported Protocols</b>	7816-1through 7816-4, T=0, T=1, I2C, 7816 synchronous memory
<b>Smart Card Voltages</b>	Supports 5V, 3V & 1.8V smart cards
<b>Required Driver</b>	Printplex or PC/SC
<b>Interface Speed</b>	PC: 12 Mbps, Card: up to 420 Kbps
<b>Systems Compatibility</b>	Windows Vista, XP, 2000, and NT
<b>Printer Compatibility</b>	Evolis, Eltron, Fargo, Datacard, and many others

