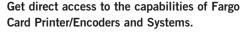
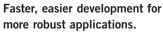


SOFTWARE DEVELOPMENT KIT

ADD FARGO[®] CARD PRINTER/ENCODER TECHNOLOGY AND MANAGEMENT TO YOUR HIGH-LEVEL APPLICATIONS.



The Fargo Software Development Kit (SDK) gives programmers control over nearly all of the features of Fargo printer/encoders — all from within your card technology applications. By using code from the Fargo SDK, you'll be able to read and write smart cards (contact and contactless), select a card hopper, password-protect printer/encoders, run diagnostics and more. Whether you're developing a stand-alone badging program, or an integrated security system, the Fargo SDK lets you tap into our industry-leading card issuance technologies.



The Fargo SDK gives commercial and in-house software developers, and security system integrators, a logical model for accessing the functions of Fargo Card Identity Systems from high-level application software. The Fargo SDK offers you:

Ease of use. An easy-to-use, high-level API command set controls card printing and encoding, diagnostics, upgrades, audits and enables printer security.

Printer and encoder abstraction. You don't have to know the details of how a driver talks to a specific Fargo printer or smart card encoder module. The SDK's high-level interface abstracts devices so you can perform complex functions with a few lines of code instead of hundreds.

Positive command confirmation. The API returns a status indicating a properly executed command, a successfully completed operation, or the nature of an error.

Forward compatibility. Using the Fargo SDK helps ensure that your software applications will be compatible with future Fargo printer/encoders.

The Fargo SDK supports programming environments such as Visual Basic, Visual C++, Visual C#, .NET-based languages or any other language that supports COM-based objects.





Created by the engineers who know Fargo best. The Fargo SDK has been refined and proven by Fargo's own software engineering team. It's the same tool set used in-house to develop Fargo Print Security applications such as Print Security Client," Print Security Suite" and Print Security Manager." The Fargo SDK not only gives you time-saving API commands, it gives you expertise from the people who know the Fargo platform inside and out.

SOFTWARE DEVELOPMENT KIT



Online help and expert support for a constantly changing environment.

As Fargo products grow more sophisticated, we're dedicated to keeping application development as easy as possible. The Fargo SDK includes an extensive online help library that details every class and method and provides helpful code snippets in Visual Basic and Visual C#. For additional resources, check out the Developers area on the Fargo Web site. Professional support packages are also available at various levels and price ranges.



How do you access a MIFARE encoder? Online help gives you the details on all card encoder classes and methods.







Get inside Fargo's most popular ID card printer/encoders. The Fargo SDK lets you control and monitor the operation of Fargo printer/encoders such as (from left) the DTC400, DTC550 and the HDP600, including an optional encoding module.

	Fargo and/or Integrator Application (Visual Basic 6, VB.NET, Visual C++, Visual C#, Delphi)												
PC - BASED SOFTWARE	API Layer												
	Audit / Security Layer												
	General Purpose	Smart Card Encoding			Printing			Printer Info	Print Server Info	SecureVault Info			
		Driver 1	Driver 2	Driver n	Driver 1	Driver 2	Driver n	Telnet V	Vrapper	SecureVault Wrapper			
	Language Monitor							Telnet		Secure vault wrapper			
	Windows Printer Driver									Driver 1 Driv	ver 2 Driver n		
	USB Transport Layer							Ethernet Transport Layer		Serial Port			
rer	USB Services							Ethe	Serial Port				
12													

PRINTE

 Ethernet
 Serial Port

 USB Services
 Print Server

 Printer Firmware
 Vault Firmware

Easier development from the top down. The Fargo SDK provides high-level API services that abstract the details of performing lower-level tasks with printer and encoder drivers and communication interfaces. The SDK also includes an Audit/Security Layer that enables auditing functions (such as collecting and summarizing card processing information) as well as various security features such as password authentication.

Fargo SDK System Specifications							
Supported Fargo Card Printer/Encoders:	HDP600, DTC550, DTC400						
Supported Languages:	Visual Basic [®] 6 • Visual Basic [®] .NET • Delphi [®] Visual C++ [®] • Visual C# [®]						
Operating System:	Microsoft [®] Windows [®] XP Professional or 2000 Professional Microsoft Windows Server 2003						
System Requirements:	See your Fargo Printer/Encoder's User Guide for specific system requirements.						



software development tools — including code samples and online help — each targeted to meet the requirements of a specific application:

Technology Card Capabilities

Contains functions for:

- Proximity card readers
- Contact smart card encoders
- Contactless smart card encoders (HID[®] iCLASS[™], MIFARE[®] and DESFire)
- Magnetic stripe cards

Printer Capabilities

Contains general purpose functions for:

- Card movement
- Hopper selection
- Card count
- Station status
- LCD control panel

Security Capabilities

Contains security functions for:

- Printer password protection
- Enabling OEM security
- Configuring print security settings
- Configuring visual security images including fluorescing UV panels

Upcoming Capabilities:

Network Management Capabilities Provides API functionality for print server communication in Ethernetequipped Fargo printer/encoders.

Materials Management Capabilities Provides API functionality for interfacing to the Fargo SecureVault[™] platform.

To learn more about the Fargo SDK, visit www.fargo.com/sdk. Contact us by e-mail at sdk@fargo.com or call 1-952-941-0050.



6533 Flying Cloud Drive Minneapolis, MN 55344 USA (952) 941-9470 800-459-5636 Fax: (952) 941-7836 www.fargo.com E-mail: sales@fargo.com This data sheet is for informational purposes only. Fargo Electronics makes no warranties, expressed or implied, in this summary. Company and product names and data used in sample output are fictitious. Specifications are subject to change without notice. Print Security Suite, Print Security Manager and SecureVault are trademarks and Fargo is a registered trademark of Fargo Electronics, Inc. All other trademarks and registered trademarks are property of their respective companies. This is not an offer of sale.