Bayometric Griaule Fingerprint SDK 2009

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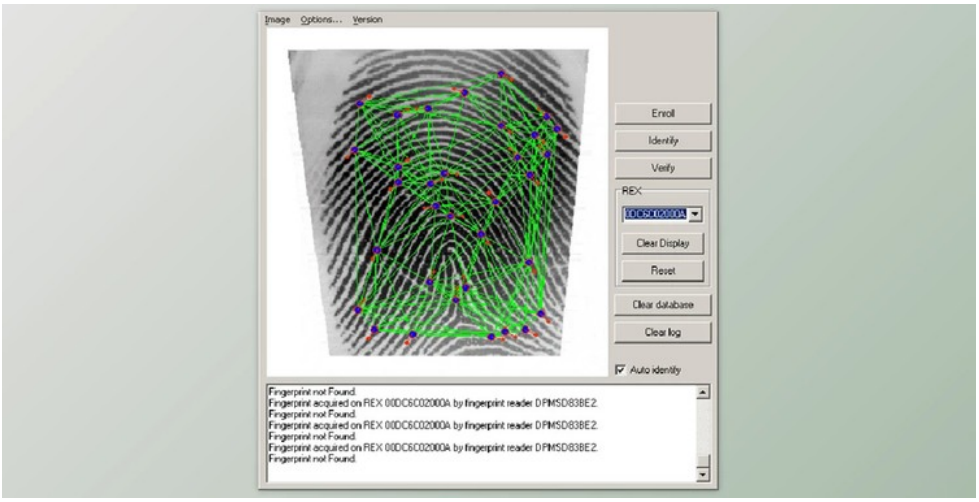

Griaule Fingerprint SDK can be used for applications on standalone PCs or networked PCs.

GrFinger is Griaule Biometrics' fingerprint recognition software development kit (SDK). Griaule's SDK has become a popular option for adding fingerprint recognition to various platforms. GrFinger SDK supports over 50 types of fingerprint readers. It also supports multiple fingerprinting features that cover authentication, recognition, and verification.

GrFinger SDK has several advantages. Existing application teams can understand the SDK features, and then they can program their fingerprinting requirements into their applications. This allows for significant cost savings since the existing infrastructure does not need to be upgraded. Additionally, there is no additional software to purchase.

Another feature of Griaule's fingerprinting SDK for Java and Microsoft is the separate releases. This allows integration with both types of applications at a binary level. The Microsoft library can be accessed via DLL and COM Components. However, the Java library is the standard one that can be added to any Java code. The Java-based SDK is Operating System neutral. It can run on all Java-supported operating systems, including Android, Windows, Linux (including Gnu), MAC OS X, and Linux. The SDK also includes full-fledged documentation to help developers get up to speed quickly with the SDK. This is complemented by source code samples that show how the SDK can be used in code and a demo application that shows the SDK's use across all layers.

Bayometric Griaule Fingerprint SDK Great Features:

Windows and Linux.

Supports 50 different fingerprint readers. Most fingerprint libraries provided by manufacturers only support their own devices. Fingerprint SDK supports many fingerprint readers, allowing the developer, or End User, to choose the reader most suitable for their needs. Even after the application has been developed and/or deployed, Griaule Fingerprint SDK will let you change the fingerprint reader's hardware without modifying your code.

Fingerprint recognition libraries from other fingerprint SDKs only offer an interface in a hard-to-use dynamic link library (DLL). For example, you have to create an import file for the specific language you are using. Griaule Fingerprint SDK offers multiple interfaces in ActiveX, DLL, Java, and .NET elements.

Fingerprint Software Development Kit also supports many programming languages such as Java, Delphi Visual Basic, FoxPro, C++, .NET, Perl, PHP, ASP, etc.

Most solutions only offer a one-to-one match which can only be used for fingerprint verification purposes. With Fingerprint recognition SDK, you have unlimited one-to-many fingerprint matches, making it one of the very best biometric SDKs for fingerprint authentication.

Biometric SDK is compliant with ISO 19794-2 and ANSI 378-2004.

Biometric API is the most powerful technology behind thousands of biometric transactions performed daily. It is used in government and civil programs in over 80 countries worldwide.

Web and business growth for stand-alone PCs, networking PCs, client-server-based web applications, or any other computer design.

Fingerprint SDK can work on mobile devices & operating systems such as Android, Windows Mobile, and Linux. Please get in touch with us for a quote.

Fingerprint SDK supports multiple programming languages and offers source code examples in programming languages

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去预览

标签

Components Java & ActiveX

that use the ActiveX component, Dynamic Link Library (DLL), Java packages, and .NET library.

Fingerprint API is designed to improve the recognition rate; the more often someone uses it and is recognized by the system, the more precise the registered biometric information becomes by improving the quality of the fingerprint template, thus reducing the database size and the identification time.

Fingerprint authentication SDK has been rated as one of the fastest algorithms for fingerprint matching speed within the industry. Biometric SDK is more than capable for the most demanding applications and saves you valuable time.

This is a support tool that runs as an icon in the system tray. It shows useful information for technical support while providing online activation.

In 2003, Griaule Fingerprint SDK was tested by one of the world's leading fingerprint recognition systems, NIST (National Institute of Standards & Technology), and successfully passed.

In 2006, GrFinger SDK rated the best recognition algorithm across all fingerprint databases in the Fingerprint Verification Contest (FVC2006).

The Griaule Biometrics team continually strives to improve the quality of the algorithms used with Fingerprint SDK. The team continuously increases the recognition rates and ensures that SDK is working with the latest versions of Windows & Linux operating systems. The key members of this team have extensive knowledge and publications on image processing, computer vision, and other related fields.

Our SDK comes with its own driver for these readers, and therefore you do not need the manufacturer's drivers or SDK (API).

版本列表

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