



Priore FingerPrint ActiveX

Description

The **Priore FingerPrint ActiveX** consists of a Visual Studio ActiveX for reader with fingerprint sensor, for integration of biometric authentication into the your development products.

Characteristics

Unique Identification

Every fingerprint is unique and identifies the user with extremely high accuracy.

Security and Data Protection

The biometric template data is in a form that cannot be read back.

Reduction Help-desk Costs

Independent estimates suggest that between 25 and 50 % of all calls to help-desks are caused by users having forgotten their passwords. An enormous workload, which is avoided with Priore FingerPrint ActiveX.

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Technical Support

For Technical support of this ActiveX Control, find information of this Control bug fixes, new releases, to use the discussion forum and FAQs thru the WEB at

<http://www.prioregroup.com>.

Please feel free to make any suggestion for this Control improvements.

Requirements

This ActiveX for Visual Studio™ requires Visual Basic 6.0 version or higher. The ActiveX can be used with any development environment that supports its. The 32-bit ActiveX requires Windows 95/98™ or NT/2000™ XP™ or later. This ActiveX depends on the Microsoft Visual Basic™ 6.0 Run-Time (**MSVBVM60.DLL**) and PreciseBiometrics™ Interface Driver library (**PB.DLL** included in the PreciseBiometrics™ Driver Installation), which must be installed in the Windows™ system directory. This ActiveX is compatible with all fingerprint readers from PreciseBiometric™.

How to Order

For your convenience, you may order by credit card in any of the following ways:

World Wide Web Credit Card Interface (Safe Transactions)

Online: <http://www.prioregroup.com>

PayPal Service (Safe Transactions)

Online: <http://www.prioregroup.com>

Enabled Property

Gets or sets whether the check of fingerprint is running.

[Visual Basic]

Public Property Enabled As Boolean

Property Value

true if the check is currently enabled; otherwise, **false**. The default is **true**.

Interval Property

Gets or sets the time, in milliseconds, for activate of the events when fingerprint have put or removed in to reader.

[Visual Basic]

Public Property Interval As Integer

Property Value

The number of milliseconds for the activate of the events. The value is not less than one. The default is 1000 milliseconds.

Remarks

To get the number of seconds in the interval, divide this number by 1,000.

Quality Property

Gets or sets the quality for the validate of the fingerprint.

[Visual Basic]

Public Property Quality As Integer

Property Value

The number of quality for the validate a fingerprint. The value is not less of 1 and not must great of 127. The default is 64.

Remarks

Set 1 for low quality or 127 for best quality.

SecurityLevel Property

Gets or sets the security level for the validate of the fingerprint.

[Visual Basic]

Public Property SecurityLevel As Integer

Property Value

The number of security level for the validate a fingerprint. The value is not less of 1 and not must great of 7. The default is 4.

Remarks

Set 1 for best security level or 7 for low security level.

Status Property

Gets the status of the fingerprint if have put on reader or not.

[Visual Basic]

Public Property Status As Integer

Return Value

Value	Description
PBBOTTOM	Too much up
PBDARKIMAGE	Too much pressure
PBLEFT	Too much to right
PBLITTLEPRESS	Little pressure
PBNOBETTERQUALITY	No better quality
PBOK	Fingerprint have been put in to reader
PBRIGHT	Too much on the left
PBUP	Too much low

TemplateDataB Property

Get the template data of the last fingerprint have been put in to reader.

[Visual Basic]

Public Property TemplateDataB As Byte()

Return Value

the unsigned byte array reference, not much large 2000 bytes.

Remarks

The biometric template data is in a form that cannot be read back.

TemplateData Property

Get the template data of the last fingerprint have been put in to reader.

[Visual Basic]

Public Property TemplateData As String

Return Value

the string reference, not much large 2000 char.

Remarks

The biometric template data is in a form that cannot be read back.

VerifyFingerB Method

Verify the template data with the last fingerprint have been put in to reader.

[Visual Basic]

Public Function VerifyFingerB(ByRef Template() As Byte) As Boolean

Return Value

true if the last fingerprint have been put in to reader is the same; otherwise, **false**.

Remarks

Not need the keep the finger in to reader.

VerifyFinger Method

Verify the template data with the last fingerprint have been put in to reader.

[Visual Basic]

Public Function VerifyFinger(ByRef Template As String) As Boolean

Return Value

true if the last fingerprint have been put in to reader is the same; otherwise, **false**.

Remarks

Not need the keep the finger in to reader.

VerifyFingerEx Method

Verify the template data with the raw data.

[Visual Basic]

Public Function VerifyFingerEx(ByRef Template() As Byte, ByRef RawData() As Byte) As Boolean

Return Value

true if the Template data and the Raw data is the same; otherwise, **false**.

Remarks

Max 10 fingerprint for 1 second.

FingerIn Event

Occurs when the fingerprint is present in to reader.

[Visual Basic]

Public Event FingerIn()

FingerOut Event

Occurs when the fingerprint is removed from reader.

[Visual Basic]

Public Event FingerOut()

Errors Event

Occurs when the fingerprint is not put correctly in to reader or for other generic errors.

[Visual Basic]

Public Event Errors(ByVal Number As Integer, ByVal Description As String)

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b. Priore BioSecureDev ActiveX and .NET version. Priore BioSecureDev component includes at least: 1) tree dynamic link library (bioapi100.dll, bioapi_mds300.dll and pbsd.dll), 2) the Source Code of the Sample Application. The bioapi100.dll and bioapi_mds300.dll dynamic link library is subject to the general terms and restrictions set forth in BioAPI™ Consortium; this dynamic link library may be free distributed with free of royalties. The pbsd.dll dynamic link library is subject to the general terms and restrictions set forth in this EULA; this dynamic link library may be distributed, free of royalties, only in conjunction with the Priore BioSecureDev Components and Developed Software in machine-language compiled format (see paragraph 3 of this EULA).

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