



NEUROtechnology



Iris identification
for PC and
Web solutions

VeriEye SDK



VeriEye SDK

Iris identification for PC and Web solutions

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VeriEye iris identification technology is intended for biometric systems developers and integrators. The technology includes many proprietary solutions that enable robust iris enrollment under various conditions and fast iris matching in 1-to-1 and 1-to-many modes.

VeriEye is available as a software development kit that allows development of PC- and Web-based solutions on Microsoft Windows, Linux and Mac OS X platforms.

- Rapid and accurate iris identification, proven by NIST IREX.
- Robust recognition, even with gazing-away eyes or narrowed eyelids.
- Original proprietary algorithm solves the limitations and drawbacks of existing state-of-the-art algorithms.
- Available as multiplatform SDK that supports multiple programming languages.
- Reasonable prices, flexible licensing and free customer support.



VeriEye Algorithm Features and Capabilities

Performance numbers are provided for a PC with Intel Core 2 Q9400 processor (2.67 GHz).

Neurotechnology began research and development in the field of eye iris biometrics in 1994. In 2008, Neurotechnology released **VeriEye iris recognition algorithm**. The next year VeriEye was **recognized by NIST** as one of the most reliably accurate iris recognition algorithms.

The proprietary algorithm implements advanced iris segmentation, enrollment and matching using robust digital image processing algorithms:

- **Robust iris detection.** Irises are detected even when there are obstructions to the image, visual noise and/or different levels of illumination. Lighting reflections, eyelids and eyelashes obstructions are eliminated. Images with narrowed eyelids or eyes that are gazing away are also accepted.
- **Automatic interlacing detection and correction** results in maximum quality of iris features templates from moving iris images.
- **Gazing-away eyes** are correctly detected on images, segmented and transformed as if it were looking directly into the camera (see Figure 1).
- **Correct iris segmentation** is obtained even under these conditions:
 - **Perfect circles fail.** VeriEye uses active shape models that more precisely model the contours of the eye, as iris boundaries are not modeled by perfect circles.
 - **The centers of the iris inner and outer boundaries are different** (see Figure 2). The iris inner boundary and its center are marked in red, the iris outer boundary and its center are marked in green.
 - **Iris boundaries are definitely not circles and even not ellipses** (see Figure 3) and especially in gazing-away iris images.
 - **Iris boundaries seem to be perfect circles.** The recognition quality can still be improved if boundaries are found more precisely (see Figure 4). Note these slight imperfections when compared to perfect circular white contours.
- **Fast matching.** Configurable matching speed varies from 60,000 to **548,000 comparisons per second**. See technical specifications for more details.
- **Reliability.** VeriEye 2.6 algorithm shows excellent performance when tested on all publicly available datasets. Especially good results are achieved on the recent **NIST ICE2005 Exp1** database with iris images of intentionally degraded quality (see *Reliability and Performance Tests Results* section).

Figure 1

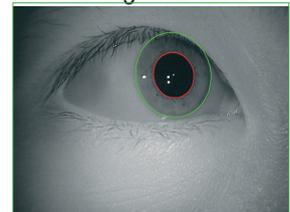


Figure 2

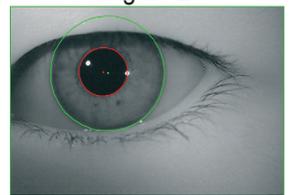


Figure 3

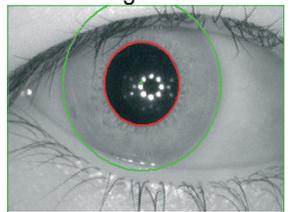
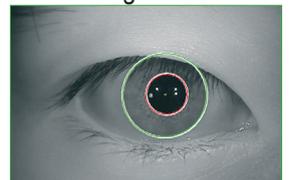


Figure 4



All iris images are taken from CASIA Iris Image Database V2.0 and CASIA Iris Image Database V3.0 collected by the Chinese Academy of Sciences Institute of Automation (CASIA) (<http://www.cbsr.ia.ac.cn/english/IrisDatabases.asp>).



Contents of VeriEye 2.6 Standard SDK and Extended SDK

VeriEye SDK is based on VeriEye iris recognition technology and is intended for biometric systems developers and integrators. The SDK allows rapid development of biometric applications using functionality from the VeriEye algorithm that ensures reliable fast iris identification. VeriEye can be easily integrated into the customer's security system. The integrator has complete control over SDK data input and output.

VeriEye SDK includes the Device Manager library for working with the supported iris cameras. Integrators can also write **plug-ins to support their iris cameras** or other devices using the plug-in framework provided with the Device Manager.

VeriEye is available as the following SDKs:

- **VeriEye 2.6 Standard SDK** is intended for PC-based biometric application development. It includes Iris Matcher and Extractor component licenses, programming samples and tutorials, iris scanner support modules and software documentation. The SDK allows the development of biometric applications for Microsoft Windows, Linux or Mac OS X operating systems.
- **VeriEye 2.6 Extended SDK** is intended for biometric **web-based** and network application development. It includes all features and components of the Standard SDK. Additionally, the SDK contains Iris Client component licenses, sample client applications, tutorials and a **ready-to-use matching server** component.

The table below compares VeriEye 2.6 Standard SDK and VeriEye 2.6 Extended SDK. See the licensing model for more information on specific license types.

Component licenses included with a specific SDK		
	VeriEye 2.6 Standard SDK	VeriEye 2.6 Extended SDK
• Iris Matcher	1 single computer license	1 single computer license
• Iris Client ⁽¹⁾		3 single computer licenses and 1 concurrent license
• Iris Extractor	1 single computer license	1 single computer license
• Matching Server		+

(1) Iris Client component includes Iris Extractor and Iris BSS components, which can be also obtained separately.

VeriEye 2.6 SDK includes programming samples and tutorials that show how to use the components of the SDK to perform face template extraction or matching against other templates. The samples and tutorials are available for these programming languages and platforms:

	Microsoft Windows 32 & 64 bit	Linux 32 & 64 bit	Mac OS X
Programming samples			
• C/C++	+	+	+
• C#	+		
• Sun Java 2	+	+	+
• Visual Basic .NET	+		
Programming tutorials			
• C	+	+	+
• C#	+		
• Visual Basic .NET	+		
• Sun Java 2	+	+	+



Biometric Components Description

Iris Matcher

The Iris Matcher performs iris template matching in 1-to-1 (verification) and 1-to-many (identification) modes. Also the Iris Matcher component includes fused matching algorithm that allows to increase template matching reliability by:

- matching templates that contain 2 iris records;
- matching templates that contain fingerprint, face, voiceprint and/or iris records (note that matching fingerprints, faces and voiceprints requires Fingerprint Matcher, Face Matcher and Voice Matcher components correspondingly - see *VeriFinger SDK*, *VeriLook SDK* and *VeriSpeak SDK* brochures for more information);

“Technical specifications” and “reliability and performance tests” sections contain information about the template matching speeds and recognition quality in different scenarios.

One Iris Matcher license is included with VeriEye 2.6 Standard SDK and VeriEye 2.6 Extended SDK. More licenses for this component can be purchased any time by VeriEye 2.6 SDK customers.

Iris Client

The Iris Client component is a combination of the Iris Extractor and Iris BSS components. It is intended for the systems that need to support all functionality of the mentioned components on the same PC. Using these licenses allows to optimize component license costs as well as reduce license management.

Three non-concurrent licenses and one concurrent license for the Iris Client component are included with VeriEye 2.6 Extended SDK. More non-concurrent and concurrent licenses for this component can be purchased any time by VeriEye 2.6 Extended SDK customers.

Iris Extractor

Iris Extractor creates iris templates from eye images.

See “technical specifications” section for the template extraction speed, the size of iris template and the requirements for image size, illumination and camera resolution.

One Iris Extractor license is included with VeriEye 2.6 Standard SDK and VeriEye 2.6 Extended SDK. More licenses for this component can be purchased any time by VeriEye 2.6 SDK customers.

Iris BSS (Biometric Standards Support)

The Iris BSS (Biometric Standards Support) component allows to integrate support for iris image format standards and additional image formats with new or existing biometric systems based on VeriEye SDK.

These biometric standards are supported:

- **BioAPI 2.0** (ISO/IEC 19784-1:2006) (Framework and Biometric Service Provider for iris identification engine)
- **ISO/IEC 19794-6:2005** (Iris Image Data)
- **ANSI/INCITS 379-2004** (Iris Image Interchange Format)

Iris BSS component also allows to integrate **JPEG 2000** image format support into applications based on the VeriEye SDK.

Licenses for the Iris BSS component can be purchased anytime by VeriEye 2.6 Extended SDK customers.



Matching Server

The Matching Server is ready-to-use software intended for building moderate size web-based and other network-based systems like local single- or multi-biometric identification system. The Server software runs on a server PC and allows to perform the biometric template matching on server side using Iris Matcher component.

Multi-biometric matching can be enabled by running components for iris, fingerprint, face and voiceprint matching on the same machine.

Client communication module that allows sending a task to the Matching Server, querying status of the task, getting the results and removing the task from server, is included with MegaMatcher 4.4 SDK, VeriFinger 6.6 SDK, VeriLook 5.3 SDK, VeriSpeak 1.2 SDK and VeriEye 2.6 SDK. This module hides all low level communications and provides high-level API for the developer.

The components and database support modules with source codes included for Matching Server component are listed in the table below. Custom modules for working with other databases can also be developed by integrator and used with the Matching Server software.

The table below shows what components are available with Matching Server software.

Components	Microsoft Windows 32 & 64 bit	Linux 32 & 64 bit	Mac OS X
• Matching server software	+	+	+
• Server administration tool API	+	+	
• Source code of sample web server software	+		
Database support modules			
• Microsoft SQL Server	+		
• PostgreSQL	+	+	
• MySQL	+	+	
• Oracle	+	+	
• SQLite	+	+	+
Programming samples			
• C# client	+		
• Visual Basic .NET client	+		
• Sun Java 2 web client	+	+	+
Programming tutorials			
• C/C++	+	+	
• C#	+		
• Visual Basic .NET	+		

The Matching Server component requires a **special license** that allows to run the component on all machines that run the fingerprint, face, iris, voiceprint or palm print matching components obtained by an integrator. The Matching Server software is included with VeriEye 2.6 Extended SDK.

Also the Matching Server component is included with these Neurotechnology SDKs (see their brochures for more info):

- MegaMatcher 4.4 Standard or MegaMatcher 4.4 Extended SDK;
- VeriFinger 6.6 Extended SDK;
- VeriLook 5.3 Extended SDK.
- VeriSpeak 1.2 Extended SDK.



Supported Iris Cameras

The table below explains which iris scanners are supported under different versions of Microsoft Windows.

Integrators or scanner manufacturers can also write **plug-ins** for the Device Manager from the VeriEye SDK to **support their iris cameras** using the provided plug-in framework. The SDK documentation contains more information about the plug-in framework.

	Microsoft Windows XP / Vista / 7		Microsoft Windows 8		Android
	32 bit	64 bit	32 bit	64 bit	
• Cross Match I Scan 2	+	+(1)	+	+(1)	
• IrisGuard IG-AD100	+		+		
• Iritech IriShield USB	+				+
• VistaFA2 / VistaFA2E / VistaEY2 iris & face cameras	+	+			
• VistaEY2H iris camera	+	+		+	
• VistaMT Multimodal Biometric Device	+	+			

Notes:

(1) Can be used on 64-bit OS, but only in 32-bit applications.



System Requirements

- **PC or Mac with x86 (32-bit) or x86-64 (64-bit) compatible processors.** 2GHz or better processor is recommended.
- **At least 128 MB of free RAM** should be available for the application. Additional RAM is required for applications that perform 1-to-many identification, as all biometric templates need to be stored in RAM for matching. For example, **50,000 templates** (each containing 2 iris records) require about **230 MB of additional RAM**.
- **Free space on hard disk drive (HDD):**
 - at least 1 GB required for the development.
 - 100 MB required for VeriEye components deployment.
 - Additional space would be required in these cases:
 - VeriEye does not require the original eye iris image to be stored for the matching; only the templates need to be stored. However, storing eye iris images on hard drive for the potential future usage is recommended.
 - Usually a database engine runs on a separate computer (back-end server). However, DB engine can be installed on the same computer for standalone applications. In this case HDD space for templates storage must be available. For example, 50,000 templates (each containing 2 iris records) stored using a relational database would require about 280 MB of free HDD space. Also, the database engine itself requires HDD space for running. Please refer to HDD space requirements from the database engine providers.
- **Iris scanner.** VeriEye SDK includes support modules for several scanners under Microsoft Windows platform. See previous section for the list of supported iris scanners. Integrators can also write **plug-ins to support their iris cameras** using the plug-in framework provided with the Device Manager from the VeriEye SDK.
- **Database engine** or connection with it. VeriEye templates can be saved into any DB (including files) supporting binary data saving. VeriEye Extended SDK contains the following support modules for Matching Server:
 - Microsoft SQL Server (only for Microsoft Windows platform);
 - PostgreSQL (Microsoft Windows and Linux platform);
 - MySQL (for Microsoft Windows and Linux platforms);
 - Oracle (for Microsoft Windows and Linux platforms);
 - SQLite (for all platforms).
- **Network/LAN connection (TCP/IP)** for client/server applications. Also, network connection is required for using Matching Server component (included in VeriEye Extended SDK). Communication with Matching Server is not encrypted therefore, if communication must be secured, a dedicated network (not accessible outside the system) or a secured network (such as VPN; VPN must be configured using operating system or third party tools) is recommended.



- **Microsoft Windows specific requirements:**

- Microsoft Windows XP / Vista / 7 / 8 / Server 2003 / Server 2008, 32-bit or 64-bit.
- Microsoft .NET framework 2.0 or newer (for .NET components usage).
- One of following development environments for application development:
 - Microsoft Visual Studio 2005 SP1 or newer (for development under C/C++, C#, Visual Basic .Net);
 - Sun Java 1.5 SDK or later;
 - Delphi 7.

- **Linux specific requirements:**

- Linux 2.6 or newer kernel, 32-bit or 64-bit.
- glibc 2.7 or newer.
- GTK+ 2.10.x or newer libs and dev packages (to run SDK samples and applications based on them).
- GCC-4.0.x or newer (for application development).
- GNU Make 3.81 or newer (for application development).
- Sun Java 1.5 SDK or later (for application development with Java).
- pkg-config-0.21 or newer (optional; only for Matching Server database support modules compilation).

- **Mac OS X specific requirements:**

- Mac OS X (version 10.7 or newer).
- XCode 4.3 or newer (for application development).



Technical Specifications

64 pixels is the minimal radius of circle containing full iris texture, that is required for iris template extraction.

Near-infrared spectral region is recommended for iris image capture.

All iris templates should be loaded into RAM before identification, thus the maximum iris template database size is limited by the amount of available RAM.

VeriEye iris template matching algorithm can be run on more than one processor core on **multi-core processors** allowing to increase template matching speed. The template matching speeds in the table below are given as a range, where the smaller number means matching speed using **1 processor core**, while the larger number means matching speed using all **4 processor cores**. The specifications are provided for these processors:

- Intel **Core 2 Q9400** (4 cores), running at **2.67 GHz** clock rate;
- Intel **Core i7-2600** (4 cores), running at **3.4 GHz** clock rate.

VeriEye 2.6 algorithm technical specifications				
	Intel Core 2 Q9400		Intel Core i7-2600	
	Maximized matching accuracy	Maximized matching speed	Maximized matching accuracy	Maximized matching speed
Iris template extraction time (for 640 x 480 pixels iris images)	0.11 - 0.13 seconds		0.07 - 0.09 seconds	
Matching speed with $\pm 15^\circ$ iris rotation tolerance (Irises per second)	60,000 - 240,000	137,000 - 548,000	132,000 - 528,000	340,000 - 1,360,000
Matching speed with $\pm 30^\circ$ iris rotation tolerance (Irises per second)	35,000 - 140,000	87,000 - 348,000	75,000 - 300,000	215,000 - 860,000
Template size	2,328 bytes			



Reliability and Performance Tests Results

We present the testing results to show how VeriEye 2.6 technical specifications correspond the practical algorithm's performance and reliability evaluations. Iris images from several **standard databases** were used for testing, thus the testing results can be compared with testing results of other algorithms. All databases contained iris images with 640 x 480 pixels size.

Iris image databases used for VeriEye 2.6 algorithm testing			
Database name	Images quantity	Persons quantity	Unique eye quantity
ICE2005 Exp1 iris image database (Right Iris)	1,425	124	124
University of Notre Dame, ND-IRIS-0405	64,980	356	712
University of Bath, IRISDB1600 ⁽¹⁾	24,361	624	1,231

(1) The full IRISDB1600 database contains 31,997 images (image size 1280x960 pixels), representing 799 unique persons and 1,598 unique irises. A subset used in this test was preprocessed similar to NIST IREX experiments (www.nist.gov/itl/iad/ig/irexi.cfm):

- (a) Images were downsampled to 640x480 via 2x2 neighborhood averaging.
- (b) All images containing irises with diameters larger than 340 pixels were removed.

Two tests were performed with each database:

- **Test 1** maximized **matching accuracy**. VeriEye 2.6 algorithm reliability in this test is shown as **blue curves** on the ROC charts.
- **Test 2** maximized **matching speed**. VeriEye 2.6 algorithm reliability in this test is shown as **red curves** on the ROC charts.

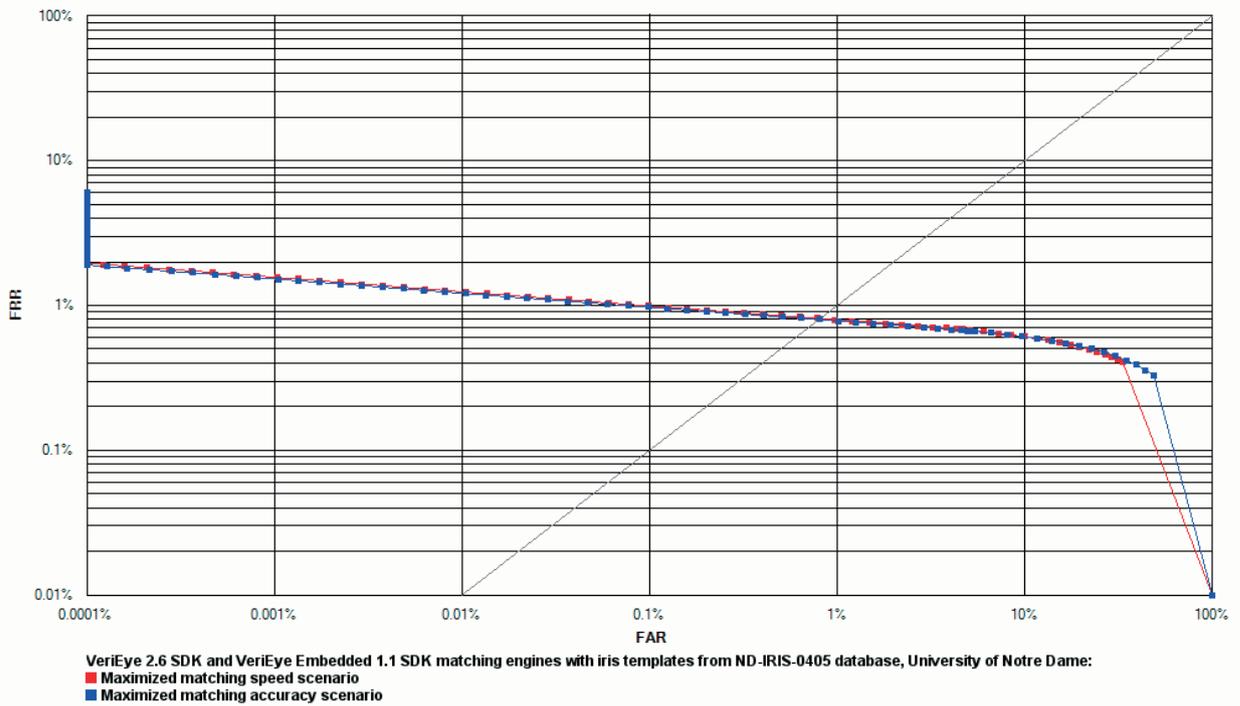
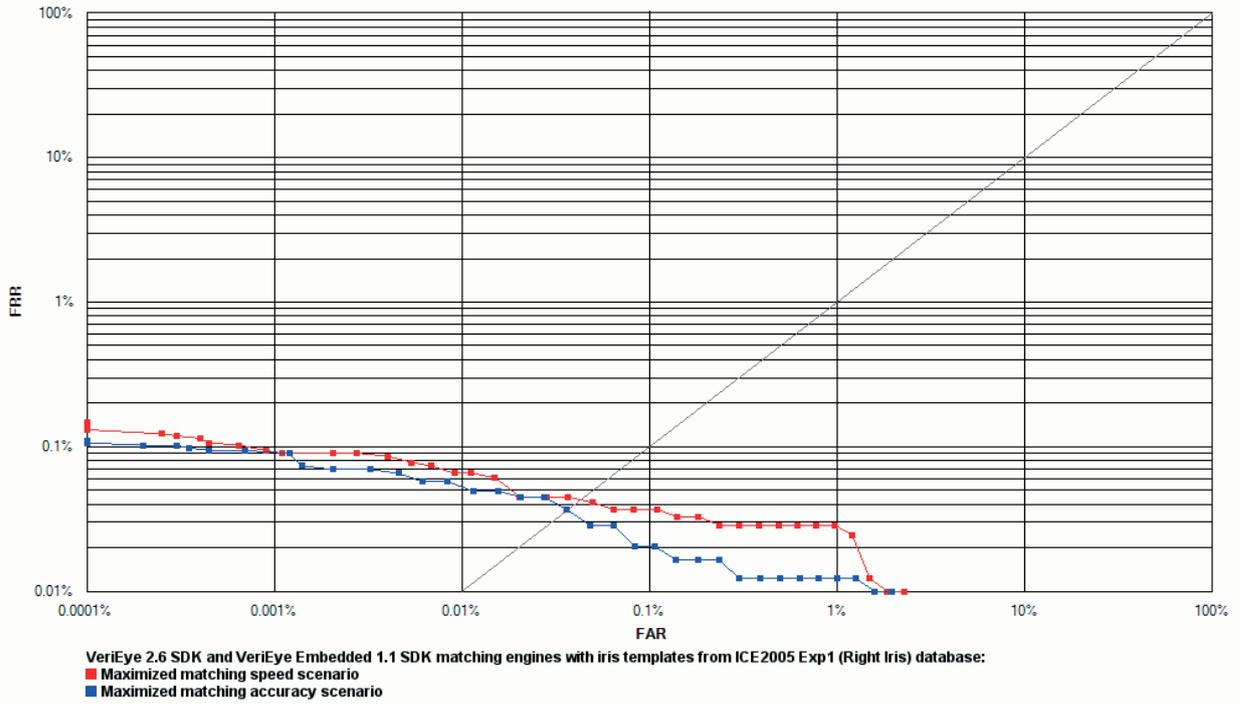
The iris rotation tolerance was set to $\pm 15^\circ$ in all tests.

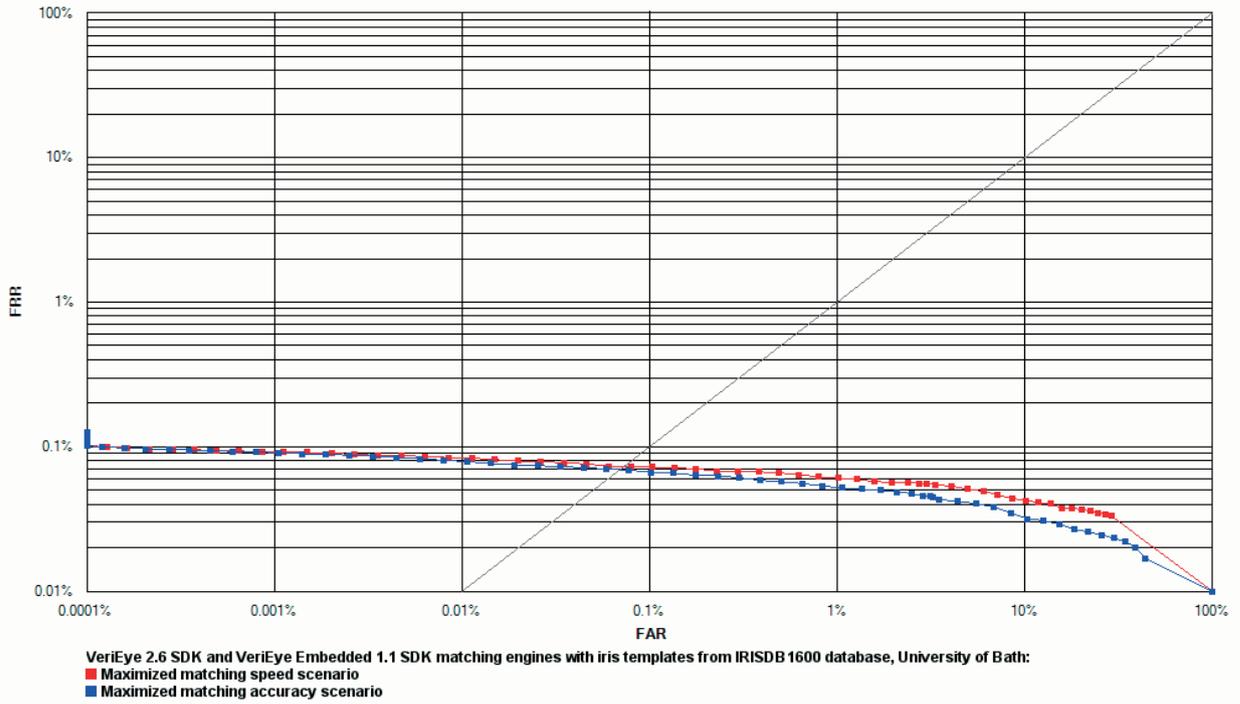
Template matching was performed using **all 4 cores** of the specified processors. The performance tests were performed on PCs with these processors:

- Intel **Core 2 Q9400** (4 cores), running at **2.67 GHz** clock rate;
- Intel **Core i7-2600** (4 cores), running at **3.4 GHz** clock rate.

VeriEye 2.6 algorithm testing results							
		ICE2005 Exp1		ND-IRIS-0405		Bath IRISDB1600	
		Test 1	Test 2	Test 1	Test 2	Test 1	Test 2
Average template extraction speed (seconds)	Core 2 Q9400	0.108		0.109		0.109	
	Core i7-2600	0.070		0.070		0.068	
Template matching speed (irises per second)	Core 2 Q9400	240328	551276	246372	554848	244788	581984
	Core i7-2600	540992	1349104	526560	1344632	538176	1437192
FRR at 0.001 % FAR		0.0942 %	0.0942 %	1.5570 %	1.6030 %	0.0917 %	0.0928 %

Receiver operation characteristic (**ROC**) curves are usually used to demonstrate the recognition quality of an algorithm. ROC curves show the dependence of false rejection rate (**FRR**) on the false acceptance rate (**FAR**).







VeriEye Demo, Trial SDK and Related Products

VeriEye **algorithm demo** application and VeriEye **30-day SDK Trial** are available for downloading at www.neurotechnology.com/download.html.

These products are related to VeriEye SDK:

- **VeriEye Embedded SDK** – a product for iris recognition on **Android**-based mobile devices. Produces iris **templates** that are the **same** as in VeriEye SDK, thus can be also used for developing biometric client-side mobile applications for systems with server-side based on VeriEye Extended SDK. See “VeriEye Embedded SDK” brochure for more information.
- **MegaMatcher SDK** – intended for development of AFIS or multi-biometric iris, fingerprint, face and voice identification products. See “MegaMatcher SDK” brochure for more information.
- **MegaMatcher Accelerator 5.0** – a solution for building the server-side of a large-scale multi-biometric system; available in Standard and Extended versions; a single MegaMatcher Accelerator Standard matches **70 million irises per second** and the Extended matches **200 million irises per second**. See “MegaMatcher Accelerator” brochure for more information.
- **MegaMatcher On Card SDK** – a product for iris, fingerprint and face matching on smart cards. See “MegaMatcher On Card” brochure for more information.



Licensing VeriEye SDK

The following licensing model is intended for **end-user** product developers. Integrators who want to develop and sell a VeriEye-based development tool (with API, programming possibilities, programming samples, etc.), must obtain permission from Neurotechnology and sign a special VAR agreement.

Product Development

An integrator should obtain either a VeriEye 2.6 Standard SDK (EUR 589) or VeriEye 2.6 Extended SDK (EUR 1,399) to develop a product based on VeriEye technology. The SDK needs to be purchased just once and may be used by all the developers within the integrator's company.

VeriEye SDKs include a number of components; each particular component has specific functionality. A **license** for an individual VeriEye component is required for **each CPU** that **runs** the component (a processor can have any number of cores).

VeriEye SDK components and licenses included with a specific SDK		
	VeriEye 2.6 Standard SDK	VeriEye 2.6 Extended SDK
• Iris Matcher	1 single computer license	1 single computer license
• Iris Client ⁽¹⁾		3 single computer licenses and 1 concurrent license
• Iris Extractor	1 single computer license	1 single computer license
• Matching Server		+

(1) Iris Client component includes Iris Extractor and Iris BSS components, which can be also obtained separately.

Components are copy-protected – a license is required for a component to run. License activation options are listed below.

Additional component licenses may be obtained by VeriEye 2.6 SDK customers as required by their development process.

Product Deployment

To deploy a product developed with VeriEye 2.3 / 2.4 / 2.5 / 2.6 SDK, an integrator need to obtain only the additional licenses required for the particular VeriEye 2.6 components that will run on **each CPU** of their customers computer's. The available VeriEye components and license types for product deployment are the same as for product development.

Each VeriEye component running on a computer belonging to the integrator's customer requires a license. License activation options are listed below on this page.

Prices for VeriEye 2.6 SDK and additional VeriEye component licenses can be found in the next section.

Please refer to the License Agreement on the Neurotechnology web site for all licensing terms and conditions.



Single computer license

A single computer license allows the installation and running of a VeriEye component installation on one CPU (a processor can have any number of cores). Neurotechnology provides a way to renew the license if the computer undergoes changes due to technical maintenance.

Each single computer license requires **activation** for a VeriEye component to run. The available activation options are listed below.

Additional single computer licenses for VeriEye components may be obtained at any time by VeriEye SDK customers.

Concurrent network licenses

Concurrent licenses are available for Iris Client component, allowing the installation of this specific component on an unlimited number of computers. An application obtains a specific license for the capturing process and to perform template creation (extraction). On average it takes less than 10 seconds for iris capturing/enrolling. After this interval the license is released, making it available for another user. One Iris Client concurrent license can be shared among tens of users, making this license especially **useful for web-based** software.

The number of simultaneously running Iris Client component instances is limited by the number of concurrent licenses. Available license management options are listed below.

Additional concurrent network licenses may be obtained at any time by VeriEye SDK customers.

License activation options

Single computer and concurrent network licenses are supplied in two ways:

- **Serial numbers** are used to activate licenses for particular VeriEye components. The activation is done via the Internet or by email. After activation the network connection is not required for single computer license usage. Note: activation by serial number is not suitable for virtual environments.
- **Internet activation.** A special **license file** is stored on a computer; the license file allows to run particular VeriEye components on that computer after **checking** the license over the Internet. **Internet connection** should be available for a short period of time at least **once in 7 days**. A single computer license can be **transferred** to another computer by moving the license file there and waiting until the previous activation expires.
- Licenses may be stored in a volume license manager **dongle**. License activation using volume license manager may be performed without connection to the Internet and is suitable for virtual environments.



Volume license manager

Volume license manager is **used on site by integrators or end users** to manage licenses for VeriEye components. It consists of license management software and a dongle, used to store the purchased licenses. An integrator or an end-user may use the volume license manager in the following ways:

- **Activating single computer licenses** – An installation license for a VeriEye component will be activated for use on a particular computer. The number of available licenses in the license manager will be decreased by the number of activated licenses.
- **Managing single computer or concurrent licenses via a LAN or the Internet** – The license manager allows the management of installation licenses for VeriEye components across multiple computers in a LAN or over the Internet. The number of managed licenses is limited by the number of licenses in the license manager. No license activation is required and the license quantity is not decreased. Once issued, the license is assigned to a specific computer on the network.
- **Using license manager as a dongle** – A volume license manager containing at least one license for a VeriEye component may be used as a dongle, allowing the VeriEye component to run on the particular computer where the dongle is attached.

Additional VeriEye component licenses for the license manager may be purchased at any time. Neurotechnology will generate an update code and send it to you. Simply enter the code into the license manager to add the purchased licenses.

VeriEye 2.6 enterprise license

The VeriEye enterprise license allows an **unlimited use** of VeriEye components in end-user products for a specific territory, market segment or project. Specific restrictions would be included in the licensing agreement.

The enterprise license price depends on the application size and the number of potential users of the application within the designated territory, market segment or project.

For more information please contact us.



Prices for VeriEye Products

- The prices are **effective December 18, 2012**. The prices may change in the future, so please **download and review the latest version** of the brochure before making an order.
- Quantity discounts do not accumulate over time.
- Prices do not include local import duties or taxes.
- Product shipping costs depend on delivery country.
- Customers with Solution Partner status are eligible for product discounts.

VeriEye SDK

VeriEye 2.6 Standard SDK	€ 589.00
VeriEye 2.6 Extended SDK	€ 1,399.00

Iris Client component concurrent licenses

Price per license	€ 1,200.00
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Iris components (prices per single computer license)

Quantity	Iris Extractor	Iris Client ⁽¹⁾	Iris Matcher
1-9	€ 99.00	€ 101.00	€ 124.00
10-19	€ 72.00	€ 74.00	€ 90.00
20-49	€ 64.00	€ 65.00	€ 80.00
50-99	€ 56.00	€ 57.00	€ 70.00
100-199	€ 50.00	€ 51.00	€ 63.00
200-499	€ 45.00	€ 46.00	€ 56.00
500-999	€ 40.00	€ 41.00	€ 49.00
1000-1999	€ 35.00	€ 36.00	€ 44.00
2000-3999	€ 32.00	€ 32.00	€ 40.00
4000-7999	€ 29.00	€ 29.00	€ 36.00
8000 and more	Please contact us for more information		

(1) Iris Client component is not available for VeriEye Standard SDK customers.

License management

Volume license manager	€ 16.00
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VeriEye enterprise license

VeriEye 2.6 enterprise license	Please contact us for more information
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VeriEye products can be ordered:

- online, at www.neurotechnology.com/cgi-bin/order.cgi
- via a local Neurotechnology distributor; the list of distributors is available at www.neurotechnology.com/distributors.html