

# Application to Participate in the Iris Exchange III (IREX III)

## 1. Who Should Participate

- 1.1. Iris recognition technology researchers and developers from industry, research institutions, and academia are eligible to participate in the IREX III.
- 1.2. Anonymous participation is not permitted.

## 2. How to Participate

2.1. To request participation in IREX III, potential participants must read this application (*Application to Participate in IREX III*) and the *IREX III Concept, Evaluation Plan and API v 1.0*, and sign the “Request to Participate” section below, attach business cards from each of the signing parties, and send it to the address below (Paragraph 5.8). Signatures of both the Responsible Party and the Point of Contact are required.

- 2.1.1. The Responsible Party is an individual with the authority to commit the organization to the terms in this document.
- 2.1.2. The Point of Contact (POC) is an individual with detailed knowledge of the technology applying for participation.
- 2.1.3. In some cases, the Responsible Party and the POC may be the same person.

2.2. Upon receipt of the signed application by the National Institute of Standards and Technology (NIST), the organization will be classified as a “Tentative IREX III Participant.” NIST must receive this signed application with the Software Development Kit(s) (SDK) during the initial submission period from **February 11, 2011 to April 15, 2011**. The application is required to be submitted with the **first** SDK submission; subsequent submissions do not require the application.

2.3. It is the Government’s desire to select all Tentative Participants as Participants. However, if demand for participation exceeds the Government’s ability to properly evaluate the technology, the Government will select Participants on a first come - first served basis.

2.4. The IREX III will evaluate **1-Many Large Scale Identification** algorithms. This task will involve matching across a very large enrolled population, consisting of one or more iris images per subject, grouped by subject.

2.5. More information regarding the instructions, input and output formats, and requirements for each of the above tasks is included in *IREX III Concept, Evaluation Plan, and API v1.0*. This document was distributed on February 11, 2011. Please see <http://iris.nist.gov/irex> for more information.

2.6. Each organization approved to participate and accepted as a “Tentative Participant” will be asked to sign-up for the tasks they intend to submit SDKs for. More information on the task sign-up process will be given after receipt of this application.

2.7. Each participant must deliver a separate SDK for each task in which it chooses to participate. SDKs submitted must be compliant with the IREX III Protocol. The first SDK from each participant must be delivered to NIST (at the address below) no later than **April 15, 2011**. All other SDKs must be submitted by **June 3, 2011**. Be sure to follow the rules for submission outlined in Annex A of the *IREX III: Concept, Evaluation Plan, and API* version 1.0. This requires use of strong encryption. Regardless of how many SDKs are submitted, each organization should only submit one copy of this application.

## 3. Points of Contact

- 3.1. The IREX III Liaison is the government point of contact.
- 3.2. All questions and correspondence should be directed to the IREX III Liaison at IREX2010@nist.gov. Questions and correspondence will be received by the IREX III Liaison and other IREX III personnel.
- 3.3. The answers to questions and correspondence will be provided as updates to the *IREX III: Concept, Evaluation Plan, and API* document.
- 3.4. Interested parties and Participants should not contact any individual members of the IREX III staff.

#### **4. Release of IREX III Results**

- 4.1. Interim results will be provided to participants as a series of test report cards as described in clause 1.8 of the *IREX III Concept, Evaluation Plan, and API, v1.0*. These results will not identify participants; instead results will be associated with random identifiers. The report cards may be provided to Government personnel.
- 4.2. The Government will release IREX III results as a set of Final Reports as described in clause 1.9 of the *IREX III Concept, Evaluation Plan, and API, v1.0* which will identify all participants along with their results. The IREX III Final Reports will contain, at a minimum, descriptive information concerning IREX III, descriptions of each experiment, and performance results.
- 4.3. Participants will be notified of the public release of the IREX III Final Reports.
- 4.4. After the release of the IREX III Final Reports, Participants may decide to use the results for their own purposes. Such results shall be accompanied by the following statement: “Results shown from the Iris Exchange III Evaluation do not constitute endorsement of any particular product by the U.S. Government.” Such results shall also be accompanied by the Internet address (URL) of the IREX III Final Reports on the IREX III website.

#### **5. Additional Information**

- 5.1. This is a Software Development Kit (SDK) test. It will be carried out at a NIST facility.
- 5.2. Performance results will be publicly attributed to participants and their SDKs in the IREX III reports.
- 5.3. Software that is not compliant with the IREX III API specifications cannot be tested.
- 5.4. In order to be tested, SDKs must install easily (i.e., one installation step with no participant interaction required), and shall be executable on any number of machines without requiring any machine-specific license control procedures or activation.
- 5.5. Participant agrees to hold harmless the IREX III Sponsors, staff contractors and all agencies of the U.S. Government for any harm or damage incurred in the course of participating in the IREX III.
- 5.6. The Government is not bound or obligated to follow any recommendations that may be submitted by the Participant. The United States Government and individual agencies are prohibited from, in any way, giving any special consideration to IREX III Participants or any other party on future procurements, contracts or collaborations.
- 5.7. By signing this application, Participants acknowledge that they understand and agree to the provisions of this form and the *IREX III: Concept, Evaluation Plan, and API version 1.0*.
- 5.8. Original signed copies of the IREX III application are required. Original, signed copies of this application, with business cards from both signing parties attached, must be mailed to the address below. Please send an email message to irex@nist.gov stating that you have sent your application. Upon receipt of your application, we will send you a confirmation email message.

Mailing Address:

IREX III Liaison  
 National Institute of Standards and Technology  
 Information Access Division (894)  
 100 Bureau Drive, Stop 8940  
 Gaithersburg, MD 20899-8940

**Per the instructions for transmission of encrypted content to NIST<sup>1</sup> participants should complete the box below.**

Participant's public-key fingerprint (enter here)	
NIST's public-key fingerprint	846E 7008 996A E912 974C F8D7 1C7A 0F22 856B 9B28

**Request to Participate**

With my signature, I hereby request consideration as a Participant in the IREX III Evaluation, and I am authorizing my company or organization to participate in the IREX III according to the rules and limitations listed in this document.

With my signature, I also state that I have the authority to accept the terms stated in this document.

\_\_\_\_\_  
 SIGNATURE, TITLE AND ORGANIZATION OF RESPONSIBLE PARTY

\_\_\_\_\_  
 DATE

\_\_\_\_\_  
 SIGNATURE, TITLE AND ORGANIZATION OF POINT OF CONTACT

\_\_\_\_\_  
 DATE

<sup>1</sup> [http://iris.nist.gov/irex/crypto\\_protection.pdf](http://iris.nist.gov/irex/crypto_protection.pdf)