Application to Participate in the FRVT 2012
(Face Recognition Vendor Test 2012)

1. Who Should Participate

1.1. Face recognition technology researchers and developers from industry, research institutions, and academia are eligible to participate in the FRVT 2012.

1.2. Anonymous participation is not permitted.

2. How to Participate

2.1. To request participation in FRVT 2012, potential participants must read this application (*Application to Participate in FRVT 2012*), 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 FRVT 2012 Participant." NIST must receive this signed application with the algorithm prototypes.   Algorithm prototypes shall be submitted as Software Development Kit(s) (SDK). They may be submitted during the submission period from **July 25, 2012** to **December 14, 2012**. The application is required to be submitted with the **first** SDK submission; subsequent submissions do not require the application.

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

2.4. The FRVT 2012 will evaluate three tasks. Each will use input biometric samples. The samples may be single frames, or sequences of frames from video.

> 2.4.1   **1-1 Verification.** The basic biometric verification task is comparing two biometric samples and reporting a similarity value.
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> 2.4.2   **1-Many Large Scale Identification.** This task will involve recognition across a very large gallery with the potential for multiple images of the subject.
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> 2.4.3   **Characteristic Estimation.** This task will estimate: whether the face in the biometric sample is frontal or not; whether the subject of the sample is a male or female; the age of the subject; the facial expression neutrality of the subject.

2.5. More information regarding the instructions, input and output formats, and technical specifications for

each of the above tasks is included in *FRVT 2012: Concept, Evaluation Plan, and API*.

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 FRVT 2012 Protocol and must be delivered to NIST (at the address in paragraph 5.8 below) during the submission period given in paragraph 2.2 according to the technical specifications given in *FRVT 2012: Concept, Evaluation Plan, and API*. These require use of strong encryption.

3. Points of Contact

3.1. The FRVT 2012 Liaison is the NIST point of contact.

3.2. All questions and correspondence should be directed to the FRVT 2012 Liaison at frvt2012@nist.gov. Questions and correspondence will be received by the FRVT 2012 Liaison and other FRVT 2012 personnel.

3.3. The answers to questions and correspondence will be provided as updates to the *FRVT 2012: Concept, Evaluation Plan, and API* document.

3.4. Interested parties and Participants should not contact any individual member of the FRVT 2012 staff.

4. Release of FRVT 2012 Results

4.1. Interim results will be provided to participants as a series of test report cards as described in clause 1.6 of the *FRVT 2012: Concept, Evaluation Plan, and API*. 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. NIST will release FRVT 2012 results as a set of Final Reports, which will identify all participants along with their results. The FRVT 2012 Final Reports will contain, at a minimum, descriptive information concerning FRVT 2012, descriptions of each experiment, and performance results.

4.3. Participants will be notified of the public release of the FRVT 2012 Final Reports.

4.4. After the release of the FRVT 2012 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 Face Recognition Vendor Test 2012 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 FRVT 2012 Final Reports on the FRVT 2012 website.   Participants shall not use the name of NIST or the Department of Commerce on any advertisement, product or service, which is directly or indirectly related to this agreement. Participants shall not in any way imply that this agreement is an endorsement of any Participant product or service.

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 FRVT 2012 reports.

5.3. Software that is not compliant with the FRVT 2012 Protocol 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 FRVT 2012 Sponsors, staff contractors and all agencies of the U.S. Government for any harm or damage incurred in the course of participating in the FRVT 2012.

5.6. The Government is not bound or obligated to follow any recommendations that may be submitted by the Participant. NIST is prohibited from, in any way, giving any special consideration to FRVT 2012 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 technical specifications in the *FRVT 2012: Concept, Evaluation Plan, and API version*.

5.8. Original signed copies of the FRVT 2012 application are required. Original, signed copies of this application, with business cards from both signing parties attached, must be mailed to the address below. These must be signed paper hardcopies. Scanned documents submitted via email are not acceptable. Please send an email message to frvt2012@nist.gov stating that you have sent your application. Upon receipt of your application, we will send you a confirmation email message.

> Mailing Address:
> > FRVT 2012 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[1] participants should complete the box below.

Participant's public-key
fingerprint (enter here)

NIST's public-key fingerprint   BE3B 5479 5520 A122 5DC3 C070 1141 80CF ACCA AADF

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1 http://www.nist.gov/itl/iad/ig/encrypt.cfm

Request to Participate

With my signature, I hereby request consideration as a Participant in the FRVT 2012, and I am authorizing my company or organization to participate 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