

Agreement to Participate in Friction Ridge Image and Features Technology Evaluation Exemplar One-to-Many

Last Updated: 28 January 2025

1 Who Should Participate

- 1.1. Organizations that develop commercially-available, mature prototype, and/or research fingerprint feature extraction and searching software ("*Organizations*") and that have not participated in the National Institute of Standards and Technology (NIST) Friction Ridge Image and Features Technology Evaluation Exemplar One-to-Many ("*FRIF TE E1N*") test for at least 120 days after the completion date of the Organization's last participation in FRIF TE E1N.
- 1.2. Anonymous participation will not be permitted. This means that signatories to this document, *Agreement to Participate in Friction Ridge Image and Features Technology Evaluation Exemplar One-to-Many* ("*Agreement*"), acknowledge that they understand that the results (see Section 6) of the test will be published with attribution to their Organization.

2 How to Participate

- 2.1. In order to participate in FRIF TE E1N, an Organization must provide the information requested in Section 8 of this Agreement identifying the Responsible Party and the Point of Contact. The Organization must print, sign, and then send this Agreement to the location designated in Section 8.
 - 2.1.1. The Responsible Party is an individual with the authority to commit the Organization to the terms in this Agreement.
 - 2.1.2. The Point of Contact is an individual within the Organization with detailed knowledge of the Participant's Submission (see Item 2.3).
- 2.2. Upon receipt of the signed Agreement by NIST, the Organization will be classified as a "*Participant*" in FRIF TE E1N.
- 2.3. Participant shall provide a single submission per evaluation track ("*Submission*"), as specified in the document *Friction Ridge Image and Features Technology Evaluation Exemplar One-to-Many — Test Plan and Application Programming Interface (API)* ("*Test Plan*") available at <https://pages.nist.gov/frif/e1n/doc/testplan.pdf>. A Submission shall include all executable code, validation files, configuration files, documentation, and all other files required by NIST and Participant to validate and execute the tests specified in the Test Plan.
- 2.4. The Submission need not be used in a production system or be commercially available. However, the Submission must be, at a minimum, a stable implementation capable of conforming to the Test Plan.
- 2.5. Digital files in the Submission must be encrypted before transmitting to NIST. Instructions for transmission can be found on the *Participation* section of the FRIF TE E1N website, <https://www.nist.gov/itl/iad/ig/frif-te-exemplar-one-many-frif-te-e1n>. Generic encryption instructions can be found in the Image Group's *Encrypting Software for Transmission to NIST* document available at <https://nist.gov/itl/iad/image-group/products-and-services/encrypting-softwaredata-transmission-nist>. A box for Participant's public key fingerprint is included on the Agreement. Submissions that are not signed and encrypted with the public key fingerprint listed on the Agreement will not be accepted.
- 2.6. Submissions must be compliant with the Test Plan, NIST test hardware, and NIST test software.

3 Points of Contact

- 3.1. The FRIF TE E1N Liaison is the U.S. Government point of contact for FRIF TE E1N.
- 3.2. All correspondence should be directed to `frif@nist.gov`, which will be received by the FRIF TE E1N Liaison and other FRIF TE E1N personnel.
- 3.3. Questions and answers addressed to the FRIF TE E1N Liaison may be posted on the *Frequently Asked Questions (FAQ)* section of the FRIF TE E1N website at the discretion of the FRIF TE E1N Liaison.

4 Access to FRIF TE E1N Validation Data

- 4.1. The FRIF TE E1N Validation Dataset is made available to Participant to assist in preparing for `frife1n`. This validation data may have separate terms and conditions that must be agreed to before being supplied to Participant.
- 4.2. The fingerprints in the FRIF TE E1N Validation Dataset are representative of the FRIF TE E1N Test Data only in format. Image quality, collection device, and other characteristics may vary between the Validation and Test Datasets.

5 Access to FRIF TE E1N Test Data

- 5.1. Participant will not have access to FRIF TE E1N Test Data.

6 Release of FRIF TE E1N Results

- 6.1. After the completion of FRIF TE E1N testing, the U.S. Government will publish all results obtained, along with the Organization's name, on the FRIF TE E1N website.
- 6.2. Participants will be notified of their results via the Responsible Party and the Point of Contact provided on the Agreement.
- 6.3. After the release of FRIF TE E1N results, Participant may use any results for their own purposes. Such results shall be accompanied by the following phrase: "Results shown from NIST do not constitute an endorsement of any particular system, product, service, or company by the U.S. Government." Such results shall also be accompanied by the Internet address (URL) of the FRIF TE E1N website (<https://www.nist.gov/itl/iad/ig/frif-te-exemplar-one-many-frif-te-e1n>).

7 Additional Information

- 7.1. Any data obtained during FRIF TE E1N, as well as any documentation required by the U.S. Government from Participant (except the Submission), becomes the property of the U.S. Government. Participant will not acquire a proprietary interest in the data and/or submitted documentation. The data and documentation will be used for the purposes specified in Item 7.7.
- 7.2. Participant agrees that they will not file any FRIF TE E1N-related claim against FRIF TE E1N sponsors, supporters, staff, contractors, or agency of the U.S. Government, or otherwise seek compensation for any equipment, materials, supplies, information, travel, labor and/or other Participant-provided services.
- 7.3. The U.S. Government is not bound or obligated to follow any recommendations that may be submitted by Participant. The U.S. Government, or any individual agency, is not bound, nor is it obligated, in any way to give any special consideration to any FRIF TE E1N Participant on future contracts or other financial assistance.

- 7.4. NIST is conducting FRIF TE E1N pursuant to 15 U.S.C. § 272 (b)(8), (c)(2), and (c)(14).
- 7.5. By signing this Agreement, Participant acknowledges that they understand that any test details and/or modifications that are provided on the FRIF TE E1N website supersede the information in this Agreement.
- 7.6. Participant may withdraw from FRIF TE E1N at any time before their Submission is received by NIST, without their participation and withdrawal being documented on the FRIF TE E1N website.
- 7.7. NIST will use Participant's Submission only for the agreed-upon FRIF TE E1N test, other NIST studies of forensic algorithms, and in the event errors are subsequently found, to re-run prior tests and resolve those errors.
- 7.8. NIST agrees not to use Participant's Submission for purposes other than indicated above, without express permission by Participant.

8 Application Submission

- 8.1. The Participant must upload the completed and signed Agreement along with the Participant's signed and encrypted validation output and public key to the FRIF TE E1N upload website, <https://pages.nist.gov/frif/e1n/upload>. If preferred, Participant may physically mail the completed and signed Agreement to:

Friction Ridge Image and Features Technology Evaluation Exemplar One-to-Many Liaison
National Institute of Standards and Technology
ITL — IAD — Biometric Technologies Group (774.03)
100 Bureau Drive, Mailstop 8940
Gaithersburg, MD 20899-8940

If the chosen courier requires a phone number, please use +1 301 975 6928, the phone number for the NIST shipping and receiving service desk.

Organization Name

Responsible Party

Full Name

Address (Line 1)

Address (Line 2)

Address (Line 3)

Phone Number

Fax Number

E-mail Address

Point of Contact

Check if same as Responsible Party above:

Full Name

Address (Line 1)

Address (Line 2)

Address (Line 3)

Phone Number

Fax Number

E-mail Address

Participant **must** complete the box below per the instructions for transmission of encrypted content to the National Institute of Standards and Technology (NIST), as defined in Section 2 and at <https://nist.gov/itl/iad/image-group/products-and-services/encrypting-softwaredata-transmission-nist>. If preferred, Participant may fax their public key fingerprint to the Friction Ridge Image and Features Technology Evaluation Exemplar One-to-Many (FRIF TE E1N) Liaison at +1 301 975 5287.

Public Key Fingerprint

Participant

NIST

D44E 2F86 17B0 70F5 D37A 63E0 FDB1 61E7 841B FAA8 (expires 22 February 2026)

With my signature, I hereby request consideration as a Participant in FRIF TE E1N, and I am authorizing my Organization to participate in FRIF TE E1N according to the rules and limitations listed in this Agreement.

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