Remote Identity Validation Rally:

Active PAD Application

Identity validation technology providers may apply to participate in the Presentation Attack Detection (PAD) Track of the Remote Identity Validation Rally (RIVR). Additional information about RIVR is available at <https://mdtf.org/rivr>, including but not limited to slides from informational webinars.

Please complete and submit the following form, in both .docx and .pdf, to apply for participation in the PAD track of RIVR as an **Active PAD system**. Active PAD systems require user or hardware action and will be evaluated in a scenario test at the Maryland Test Facility (MdTF). Only edit the form boxes, the form is used to expedite application review.

**All application materials are due by August 8, 2025 at 11:59PM Eastern Standard Time. All application materials should be sent to** **peoplescreening@hq.dhs.gov** **and** **RIVR@mdtf.org****.**

# Company Information

Company Name: Click or tap here to enter text.

Company Country (use company headquarters country if multinational): Click or tap here to enter text.

Company Year Formed: Click or tap here to enter text.

Provide a brief description of company. Limit to 300 words.

Click or tap here to enter text.

|  |  |
| --- | --- |
| **Business Contact:** |  |
| Name:Click or tap here to enter text. | Email:Click or tap here to enter text. | Phone:Click or tap here to enter text. |

|  |
| --- |
| **Technical Contact:**This individual will be given access to MdTF MyConsole to submit your IDV system for evaluation. |
| Name:Click or tap here to enter text. | Email:Click or tap here to enter text. | Phone:Click or tap here to enter text. |

# Presentation Attack Detection System Commercial Deployments

Is your system commercially deployed? [ ] Yes [ ] No

If yes, please describe. Limit to 100 words:

Click or tap here to enter text.

When was the system first deployed (year): Click or tap here to enter text.

# Active PAD System Technical Description

Provide a high-level overview of the underlying technology (e.g., DCNN), the types of presentation attacks it is designed to detect, utilized sensors, and required user interaction (e.g., smiling). Limit to 300 words:

Click or tap here to enter text.

Provide a link to a video showing the user interface for your PAD system:

Click or tap here to enter text.

Can you provide both an Android and an iOS Device with your system installed for testing? [ ] Yes [ ] No

Can your system implement the MdTF Active PAD API (<https://github.com/TheMdTF/mdtf-public/tree/master/apis/pad-systems/active-pad-system/api>) including all required system inputs and outputs? [ ] Yes [ ] No

Can your system maintain transaction times below 30 seconds? [ ] Yes [ ] No

Can your system operate on a local network at MdTF without access to the internet? [ ] Yes [ ] No

Will your system implement a user interface allowing MdTF staff to start PAD transactions? [ ] Yes [ ] No

Will your system require a local back end to be installed at MdTF? [ ] Yes [ ] No

Required CPU: Click or tap here to enter text.

Required RAM: Click or tap here to enter text.

Required Disk: Click or tap here to enter text.

List any requirements relevant to a scenario test of your Active PAD system. Limit to 100 words:

Click or tap here to enter text.

# Performance Characteristics

Please describe any measurements of performance of your system and how they were tested. Include references to whitepapers, test events, and/or datasets. Limit to 300 words:

Click or tap here to enter text.

Please fill in the table below based on results of previous testing described above. Please provide metrics for your configured operating point/threshold value.

|  |  |
| --- | --- |
| Metric | Error Rate |
| System Error Rate (System Non-Response Rate) | Click or tap here to enter text. |
| Bona Fide Presentation Classification Error Rate (BPCER) | Click or tap here to enter text. |
| Attack Presentation Classification Error Rate (APCER) | Click or tap here to enter text. |

Metrics as defined in ISO/IEC 30107-3.

Please provide any additional information to consider about your system. Limit to 300 words:

Click or tap here to enter text.