



DHS SCIENCE AND TECHNOLOGY

2020 Privacy Technology Demonstration Post-Conditional Acceptance Webinar

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Department of Homeland Security
Science and Technology Directorate



**Homeland
Security**

Science and Technology



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The Maryland Test Facility

Overview

- Conditional Acceptance → Final Acceptance
 - CRADA
 - Pre-Demonstration Requirements
- What to Expect
 - Overall Schedule
 - Installation Logistics
 - Location & Shipping Information
 - Privacy Technology Demonstration
 - Post-Privacy Technology Demonstration
- General Questions



Conditional Acceptance to Final Acceptance

Cooperative Research and
Development Agreement
(CRADA)

Pre-Demonstration
Requirements

Cooperative Research and Development Agreement (CRADA)

- Agreement between each System Provider (Collaborator) and DHS S&T (Sponsor)
 - Defines the roles and contributions of the Collaborator and Sponsor
 - Defines strict policy on the proper transfer and handling of 2020 Privacy Technology Demonstration data
 - Provides the basis for involvement in 2020 Privacy Technology Demonstration activities
 - Exempt from FOIA process
- Must be signed by Corporate Officer
- Signed copy due back to peoplescreening@hq.dhs.gov by **September 2, 2020**

Pre-Demonstration Requirements

- You will need to demonstrate your system's functionality using a standard video.
 - A 3-4 minute video will be provided to you by email for processing, using the conditionally accepted system.
 - This video will only be accessible on June 30, 2020 for a 2 hour window (time TBD). During this time, you will need to process this video with your privacy system.
 - **The resulting obscured video output of your system must be sent to peoplescreening@hq.dhs.gov and techdemo@mdtf.org before the 2 hour deadline has elapsed.**

What to Expect

Overall Schedule

Installation Logistics

Location and Shipping Information

Privacy Technology Demonstration

Dates to Remember

General Questions

Overall Schedule

- The 2020 Biometric Technology Rally will take place over a three-week period from September 28 - October 18, 2020.
- Following the completion of the 2020 Rally, assessment of the Privacy Technology Demo systems will begin.
- Timeline
 - Pre-Privacy Demonstration Video Processing Qualification – **June 30**
 - System Delivery to the MdTF – **October 2**
 - 2020 Rally – **September 28 – October 18**
 - Privacy Technology Demonstration Assessments– **October 18 – January 18**

Installation Logistics

- Delivery and Installation
 - You will need to provide your privacy system to perform the required processing on-location at the MdTF.
 - If your privacy system requires more than the specifications below, you will need to provide your own hardware/computing resources:
 - Memory: 32 GB
 - CPU: Intel Xeon Silver 4116 (12 cores)
 - 100 GB disk space
 - Windows or Linux
 - Edge or Cloud processing not included in these specifications
- Intranet and Internet Connectivity
 - The system running your privacy algorithm will remain stand-alone and will not be connected to any network.
 - Please ensure your system does not have any “phone home” requirements to function properly.

Location and Shipping Information

- Please ensure all shipments arrive at the Maryland Test Facility by **October 2, 2020**.
- Address:
 - Maryland Test Facility
 - 1221 Caraway Court, Suite 1070
 - Upper Marlboro, MD 20774
 - Attn: Rebecca Duncan (301) 909 - 9265
- Please label all packages with your company name and appropriate POC
- Shipping Information
 - MdTF is NOT responsible for inspection or condition of equipment received

Privacy Technology Demonstration

- The Privacy Technology assessments will be performed in the months following the 2020 Biometric Technology Rally (October 2020 – January 2021).
- Privacy systems will be installed at the Maryland Test Facility.
- Each system will be fed a collection of videos that were recorded as human volunteers traversed the Maryland Test Facility during prior test events. Possible sources of videos include:
 - Web cameras
 - Ceiling cameras
 - Security cameras
 - Body-worn cameras

Privacy Technology Demonstration

- A Maryland Test Facility staff member will be operating your Privacy System during the demonstration.
- Please provide a step-by-step SOP with the delivery of your system.
- The Privacy Technology Demonstration is occurring during the months after the 2020 Biometric Technology Rally. Please ensure your Privacy System can remain at the Maryland Test Facility for **120 days** after your initial delivery.

Dates to Remember

| Acquisition System Requisites | Due Date |
|-------------------------------|-------------------|
| Pre-Demo Video Processing | June 30, 2020 |
| CRADA Completed | September 2, 2020 |
| System Delivery | October 2, 2020 |

General Questions

- Legal and logistics questions should be directed to peoplescreening@hq.dhs.gov
- Technical questions should be directed to techdemo@mdtf.org

Contact Us

For more information, contact:
peoplescreening@hq.dhs.gov or <http://mdtf.org>



WEBSITE
scitech.dhs.gov



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