

BIOMETRIC AND IDENTITY TECHNOLOGY CENTER

The Biometric and Identity Technology Center (BI-TC) serves as a resource for subject matter expertise in the science, methods, tools, and technologies used to recognize individuals and protect sensitive personal information. It enables Department of Homeland Security (DHS) components to cost-effectively maintain capabilities, enhance operations through effective use of new technologies, and inform strategic planning and acquisitions in developing new operational capabilities.

PRIVACY TECHNOLOGY DEMONSTRATION

Video technologies can enhance public safety and security, however there are legitimate concerns that these surveillance capabilities could be misused to recognize and track individuals. The DHS Science and Technology Directorate (S&T) is engaging industry to develop technologies to address public concerns that video surveillance capabilities could be misused for face recognition surveillance. Through the Biometric and Identity Technology Center, S&T will host a Privacy Technology Demonstration, a first- of-its kind event to examine the performance of technologies intended to protect the privacy of individuals by obfuscating or encrypting faces in videos.

The aim is to balance concerns, while allowing public safety organizations to safeguard our homeland.



DHS S&T is interested in understanding the product landscape of technologies that can assist in protecting the privacy of individuals in photos and videos.

PRIVACY TECHNOLOGY DEMONSTRATION DETAILS

The 2020 Privacy Technology Demonstration will take place during the Fall, in a laboratory test environment at S&T's Maryland Test Facility (MdTF). The demonstration will evaluate full and partial identity obfuscation systems that are capable of collecting and/or processing live and/or stored video footage. Systems should output videos where the faces of individuals in the video stream or recording are obfuscated such that they cannot be re-identified by humans or face recognition systems.

Examples of Video obfuscation technologies that may prevent individuals from being recognized by humans or machines in live or recorded videos may

- Blur, distort, or block face images
- Replace face images with other images
- Apply other masking techniques

ADDITIONAL PROGRAM INFORMATION

For more details about S&T's Privacy Technology Demonstration, visit <https://www.dhs.gov/science-and-technology/privacy-technology-demonstration>.