

# DHS Science and Technology Directorate

## S&T Biometric Technology Rallies

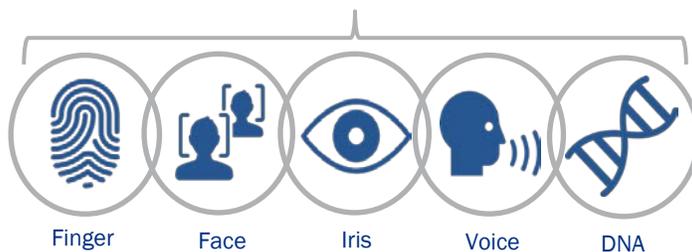
### Biometric Technology Engine

The Biometric Technology Engine (BT-E) provides world class biometric expertise, methods, tools, technology, best practices, industry outreach and operational insight to address the dynamic biometric needs of DHS mission components and the Homeland Security Enterprise (HSE). BT-E accelerates effective integration of biometrics into operations, and works to mitigate operational inefficiencies.

### Biometric Technology Rallies

As commercially available biometric technologies, such as collection devices and matching algorithms, continue to advance, S&T is driving biometric solutions and innovations within the Department. Through the BT-E's Biometric Technology Refresh initiative, S&T will conduct a series of Biometric Technology Rallies with industry to seek innovative solutions that will improve live biometric capture and matching. These rallies will establish and utilize a standardized, repeatable testing and evaluation framework for biometric technologies across various modalities.

### Common Biometric Modalities



Rally results will support acquisition decisions by DHS components, identify the current state of biometric technologies for S&T, and inform industry of potential future enhancements.

The rallies will take place in a laboratory test environment at the Maryland Test Facility (MdTF). They will evaluate vendors of both hardware and software through a standard, repeatable process. The rallies will collect data on biometric devices to a set of criteria (capture rate, capture quality, analysis rate, match rate, etc.). Each modality will be compared to its peers, as well as other modalities (iris to iris, iris to fingerprint, contact to non-contact fingerprint, etc.).

### DHS Rally Authorities

- America COMPETES Act (P.L. 111-358)
- USST-Approval (DHS Delegation)
- FAR Part 35 (BAA)
- Other Transaction Authority (OT) (U.S.C. § 391/P. L. 103-160)
- Management Directive System MD Number: 0771.1



**Homeland Security**

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To learn more about the Biometric Technology Rallies, contact the [U.S. Department of Homeland Security at peoplescreening@hq.dhs.gov](mailto:peoplescreening@hq.dhs.gov)