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# COMMONWEALTH *of* VIRGINIA
## DEPARTMENT OF GENERAL SERVICES

*Division of Purchases and Supply*

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**June 30, 2025**

**To:**  **Police Chiefs, Sheriffs, and Campus Law Enforcement Authorities in the Commonwealth of Virginia**

**From:**  **Department of General Services (DGS), Division of Purchases and Supply (DPS)**

**Subject:**  **DPS Directive: Approved Facial Recognition Algorithms**

1. Purpose: Pursuant to Section 15.2-1723.2 and 2.2-1112 of the Code of Virginia, as amended, the Department of General Services, Division of Purchases and Supply (DPS) has established this Standard for Facial Recognition Technology, approved for use by Law Enforcement Authorities of the Commonwealth of Virginia for uses authorized pursuant to Section 15.2-1723.2 and 23.1-815.1 of the Code of Virginia.

2. Pursuant to Section 2.2-1112 and 15.2-1723.2 of the Code of Virginia, the Division of Purchases and Supply shall not approve any facial recognition technology unless it has been evaluated by the National Institute of Standards and Technology (NIST) as part of the Face Recognition Vendor Test (FRVT). Any facial recognition technology utilized shall utilize algorithms that have demonstrated (i) an accuracy score of at least 98 percent true positives within one or more datasets relevant to the application in a NIST Face Recognition Vendor Test report and (ii) minimal performance variations across demographics associated with race, skin tone, ethnicity, or gender. DPS shall require all approved vendors to annually provide independent assessments and benchmarks offered by NIST to confirm continued compliance with this section. Information related to the NIST FRVT can be accessed via: https://www.nist.gov/programs-projects/face-recognition-vendor-test-frvt

3. Equitable outcomes using facial recognition technology are predicated on a combination of factors in addition to algorithmic accuracy including but not limited to, the skill level of trained examiners, and strict adherence to policy and sound investigative practices. Adopters of facial recognition technology should review all available information to identify the best algorithm available for their authorized use cases.

4. All algorithms approved by DPS have demonstrated an accuracy rating of at least 98 percent true positives across at least 5 datasets assessed within NIST's 1:1 verification evaluation, or at least 98 percent true positives within three of the datasets assessed within the 1:N (many) identification evaluation.

5. Any law enforcement authority of the Commonwealth of Virginia utilizing facial recognition technology shall confirm with the vendor that the specific algorithm they are utilizing is the same one

that meets the accuracy thresholds, and ensure that they are able to comply with all mandatory reporting required by Section 15.2-1723.2 and 23.1-815.1 of the Code of Virginia.

6. Algorithms offered by vendors that are prohibited from receiving a contract with the Commonwealth per the Virginia Information Technology Agency Policy SEC528.02, issued December 16, 2022 or as amended, shall not be approved for use. Any law enforcement authority of the Commonwealth of Virginia wishing to utilize an algorithm that is not expressly prohibited, but that does not appear on the current list of approved algorithms, should submit a request in writing to DPS to request an official review of the technology and its developer for consideration. All algorithms must meet the criteria explained in points 2 and 4, pertaining to accuracy and demographic performance variation to be considered.

**Inclusion on the list of approved algorithms does not constitute an endorsement by the Department of General Services of any specific product, trade name, or vendor.**

### Approved Facial Recognition Algorithms

| Based on 1:1 Verification Summary and/or 1:N Identification \| R=1, T=0 by Algorithm, FNMR | |
|---|---|
| **Developer** | **Algorithm(s)** |
| 3Divi | 3divi-007 |
| AFIS and Biometrics Consulting | afisbiometrics-000 |
| Clearview AI | clearviewai-001 |
| Gemalto Cogent | cogent-007 |
| | cogent-008 |
| Corsight AI | corsight-000 |
| | corsight-003 |
| Gorilla Technology | gorilla-009 |
| Griaule | griaule-001 |
| | griaule-002 |
| Idemia | idemia-010 |
| | idemia-011 |
| Innovatrics | innovatrics-012 |
| | innovatrics-014 |
| Mukh Technologies | much_004 |

| | |
|---|---|
| Neurotechnology \| Fulcrum Biometrics | neurotechnology-019 |
| Paravision Ever AI | paravision-016 |
| | paravision-017 |
| Rank One Computing | roc-018 |

Signature: _Jan Giffin_

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Subscribed and sworn before me on this __2__ Day of __July__, 2025

My commission expires on __05/31/2027__

NOTARY PUBLIC
LETHA C. FERRELL
REG. #7852861
MY COMMISSION EXPIRES
05/31/27
COMMONWEALTH OF VIRGINIA