

ATTACHMENT 2: Compliance Requirements

This attachment lists compliance documents relevant to Fingerprint, Facial Recognition, and Iris biometric capture devices.

Fingerprint:

- Electronic Biometric Transmission Standard (EBTS)(11.X), Appendix F, FBI CJIS Image Quality Specifications, April 16, https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&ved=2ahUKEwimrvvJ_8SGAxXkElkFHV6XCv4QFnoECAYQAAQ&url=https%3A%2F%2Fbibiospecs.fbi.gov%2Ffile-repository%2Fmaster-ebts-v11-0.pdf&usg=AOvVaw2Aejyo-IaGyFBW4vAWknBN&opi=89978449.
- ANSI/NIST-ITL 2-2008, update 2015, requirements for Type-4 and Type-14 fingerprints, <https://www.nist.gov/itl/iad/image-group/ansinist-itl-standard-references>
- DHS Policy Directive 4300A: Information Technology System Security Program Sensitive Systems, Version 13.3 February 13, 2023, <https://usdhs.sharepoint.com/sites/dhsconnect/org/comp/mgmt/ocio/ciso/Pages/sspolicy.aspx>.
- International Electrotechnical Commission (IEC) 60529: Ingres Protection Ratings, August 29, 2013, <https://www.iec.ch/ip-ratings>.
- Federal Information Processing Standard (FIPS) 140-2, Security Requirements for Cryptographic Modules, May 25, 2001, <https://csrc.nist.gov/pubs/fips/140-2/upd2/final>.
- DoD Instruction 8500.01, Cybersecurity, September 27, 2018, <https://public.cyber.mil/policy-guidance/dodi-8500-01/>.
- NIST SP 800-39, Managing Information Security Risk: Organization, Mission, and Information System View, March 2011, <https://csrc.nist.gov/pubs/sp/800/39/final>.

Facial Recognition:

- IXM 6.0.9 Biometric Standards Requirements for US-VISIT, Version 1.0, March 15, 2020, https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&ved=2ahUKEwiVz4GphsWGAXyF1kFHRwFDSIQFnoECBEQAAQ&url=https%3A%2F%2Fwww.dhs.gov%2Ffxlibrary%2Fassets%2Fusvisit%2Fusvisit_biometric_standards.pdf&usg=AOvVaw16GoAORerG8oHemSvZRJy&opi=89978449.
- FBI EBTS 10.0.8, Electronic Biometric Transmission Specification(EBTS) Version 10.0.8, September 30, 2017, <https://fbibiospecs.fbi.gov/file-repository/ebts-version-10-0-8-xml-iepd.zip/view>.
- DoD EBTS 4.1 Department of Defense Electronic Biometric Transmission Specification Version 4.1, April 2019, https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwi-8dHsiMWGAXUFEFkFHXjnBDAQFnoECAYQAAQ&url=https%3A%2F%2Fwww.dfa.mil%2Ffunctions%2Flibrary%2Fstandards_docs%2FDoD%2520EBTS%2520v4.1.pdf&usg=AOvVaw3senne8ACnnh3PY0q5QmJs&opi=89978449.
- ANSI/NIST-ITL 2-2008, update 2015, requirements for Type-10 Images. See Finger.
- International Electrotechnical Commission (IEC) standard 60529. See Finger.

- DHS 4300A (see above).
- FIPS140-2 (See above).
- DoDI 8500.01 Cybersecurity (See above).
- NIST SP 800-39, Managing Information Security Risk: Organization, Mission, and Information System View, March 2011, <https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&ved=2ahUKEwiqhqn-icWGAXDFFkFHS6zDL0QFnoECAYQAAQ&url=https%3A%2F%2Fcsrc.nist.gov%2Fpubs%2Fsp%2F800%2F39%2Ffinal&usg=AOvVaw0zycsMfO9sHgD7RBayY7n2&opi=89978449>.
- FBI EBTS Version 11.2 Final, September 20, 2023, <https://fbibiospecs.fbi.gov/ebts-1/approved-ebts>.

IRIS:

- ANSI/NIST-ITL 1-2011 update 2015, Type 17, Data Format for the Interchange of Fingerprint, Facial, Scar Mark& Tattoo (SMT) Information, August 21, 2016, https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&ved=2ahUKEwjvvi7WisWGAXVkGFkFHfw7JqgQFnoECBMQAAQ&url=https%3A%2F%2Fschengen-it-systems.ec.europa.eu%2Fglossary%2Fansinist-itl-1-2011-update-2015-standard&usg=AOvVaw1_FNwon7iNQR2ilt70G4R-&opi=89978449.
- ISO/IEC 19794-6: 2011, Part 6 Iris Image Data, October 2011, <https://www.google.com/url?sa=t&rct=j&q=&esrc=s&source=web&cd=&cad=rja&uact=8&ved=2ahUKEwiM0urNi8WGAXULMlkFHXRpEYAQFnoECBQQAQ&url=https%3A%2F%2Fwww.iso.org%2Fstandard%2F50868.html&usg=AOvVaw0SX4MDJJotEEflhM0UXzx&opi=89978449>.
- NIST Iris Exchange (IREX-X), April 12, 2024, [IREX 10: Identification Track \(nist.gov\)](https://www.nist.gov/irex-10).
- ANSI/IESNA RP27.1-96 (Photobiological Safety of Lamps and Lighting Systems).
- IEC 60825-1.2-2001.