

## Metadata of Fingerprint Image and Minutiae Data Standard for e-Governance Applications in India

S. No.	Data elements	Values
1.	<b>Title</b>	Fingerprint Image and Minutiae Data Standard for e-Governance Applications in India
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9.	<b>Enforcement Category</b> <i>( Mandatory/ Recommended)</i>	Technical Specification(s): Mandatory Best Practices: Recommended
10.	<b>Creator</b> <i>(An entity primarily responsible for making the resource)</i>	Expert committee on Biometrics under the Chairmanship of Professor Manindra Agrawal, Department of Computer Science & Engineering Indian Institute of Technology (IIT), Kanpur.
11.	<b>Contributors</b> <i>(An entity responsible for making contributions to the resource)</i>	Refer section 9 of the document for list of contributors
12.	<b>Brief Description</b>	<p>Fingerprint is an important and unique biometric characteristic of an individual. There are many vendors selling finger print devices for acquisition of the data in different ways. Also various algorithms are available for fingerprint features extraction and matching. It is necessary that these vendors follow fingerprint standards and best practices to ensure interoperability of devices and algorithms to avoid vendor lock-in, and also ensure long term storage of data with technology independence.</p> <p>The purpose of this standards document is to standardize the specifications for fingerprint devices, fingerprint image, storage/transmission and minutiae specifications to ensure interoperability among various fingerprint sensors and algorithms by which the fingerprint images are captured/ stored.</p>

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13.	<b>Target Audience</b> <i>(Who would be referring / using the document)</i>	-All e-Governance projects of the central and state Government or any other organization that need to comply with this standard for the purpose of interoperability -Vendors of fingerprint devices or software developers for conversion of images to different standard formats, quality evaluation software, minutiae extraction and matching algorithms etc. -All integrators/service providers for Indian e-Governance applications.
14.	<b>Owner of approved standard</b>	DIT, MCIT, New Delhi
15.	<b>Subject</b> <i>( Major Area of Standardization )</i>	Biometrics
16.	<b>Subject. Category</b> <i>(Sub Area within major area )</i>	Fingerprint Image and Minutiae Data Standard
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19.	<b>Language</b> <i>(To be translated in other Indian languages later)</i>	English
20.	<b>Copyrights</b>	DIT, MCIT, New Delhi
21.	<b>Source</b> <i>(Reference to the resource from which present resource is derived)</i>	Different resources, as indicated in the document
22.	<b>Relation</b> <i>( Relation with other e-Governance Standards notified by DIT)</i>	Nil