Mobile Identification
Requirements & Certification

Mobile ID
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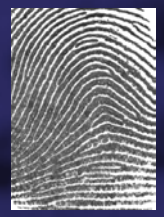
Mobile Identification Requirements & Certification

- Fingerprint
- Facial
- Iris
- Profiles
  - Verification
  - Identification
  - Enrollment

Fingerprint Scanner Certification



Fingers	Min Size	Area	IQS Req.
1a	0.5 x .75	0.38	PIV
1b	0.8 x 0.8	0.64	PIV
1c	0.8 x 1.0	0.80	PIV
2	1.6 x 1.5	2.40	Appx. F
3	2.5 x 1.5	3.75	Appx. F

Facial Image

Subject Acquisition Profiles

- SAP 12: Icon Image
- SAP 30
  - 640 x 480
  - 61K @ 15:1
- SAP 40
  - 768 x 1024
  - 157K @ 15:1
- Background – 18% gray

Iris Image

- Near-IR Illumination
- Gold Standard
  - 640 x 480 x 8bits -- 307K
  - GT 100 pixels over iris diameter
- Economy
  - 320 x 320 x 8bits -- 102K
  - GT 50 pixels over iris diameter
  - Compression

Application Profiles

Possible profile criteria:

	Verification	Identification	Enrollment
Fingers	2 [1]	4 - 6 [S2]	8 - 10 [S3]
Facial	SAP 40	SAP 40	SAP 40
Iris	>50 pix iris	>50 pix iris	>100 pix iris

[1] Single finger sensor

[S2] 2 finger simultaneous