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A Study on Accuracy and Problems in using ISO/IEC 19794-2 Finger Minutiae Formats for Automated Fingerprint Verification

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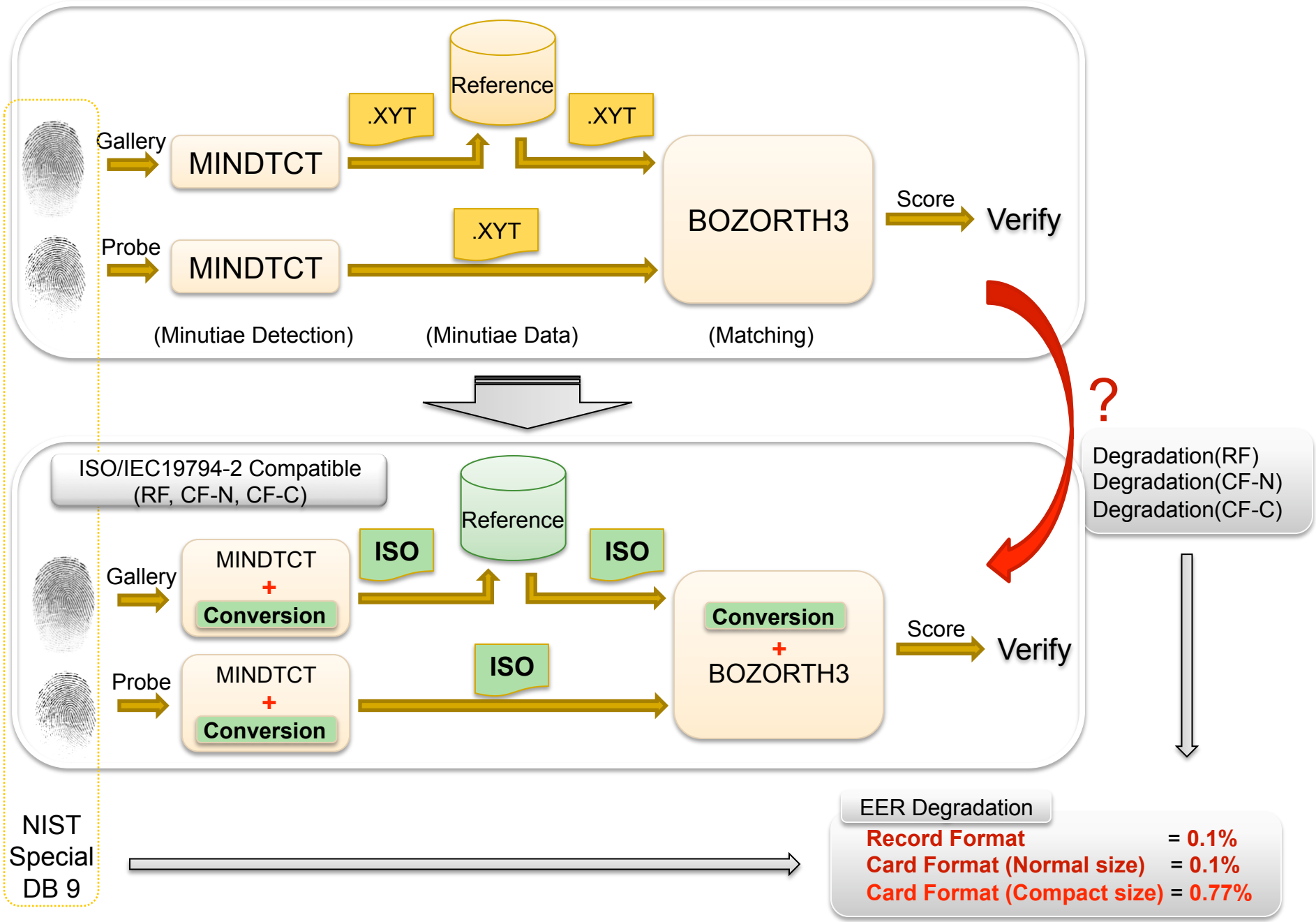
Reference
.XYT
.XYT
Gallery
MINDTCT
Probe
MINDTCT
.XYT
BOZORTH3
Score
Verify
(Minutiae Detection)
(Minutiae Data)
(Matching)
?
Degradation(RF)
Degradation(CF-N)
Degradation(CF-C)
ISO/IEC19794-2 Compatible
(RF, CF-N, CF-C)
Reference
ISO
ISO
Gallery
MINDTCT
+
Conversion
Probe
MINDTCT
+
Conversion
ISO
Conversion
+
BOZORTH3
Score
Verify
NIST
Special
DB 9
EER Degradation
Record Format = 0.1%
Card Format (Normal size) = 0.1%
Card Format (Compact size) = 0.77%