



# DactyCard

## BIOMETRIC SYSTEMS

THE DACTYCARD IS A COMPLETE, FEATURES RICH AND FBI CERTIFIED SOLUTION FOR FINGERPRINT CARD SCANNING, E.G. FOR STATE AND FEDERAL CRIMINAL BACKGROUND CHECKS. IN ADDITION TO MANY NEW INTUITIVE FEATURES, SOLUTION PROVIDERS AND SYSTEM INTEGRATORS CAN LEVERAGE ON FEATURES ALREADY USED WORLDWIDE WITH GREEN BIT LIVESCANS SUCH AS SEGMENTATION, SEQUENCE CHECK, QUALITY ASSESSMENT WHICH HAVE BEEN ADAPTED AND OPTIMIZED FOR THE USE WITH FD-258 FINGERPRINT CARDS.



### FBI IAFIS CERTIFIED

### AUTOMATIC SEGMENTATION AND QUALITY CHECK

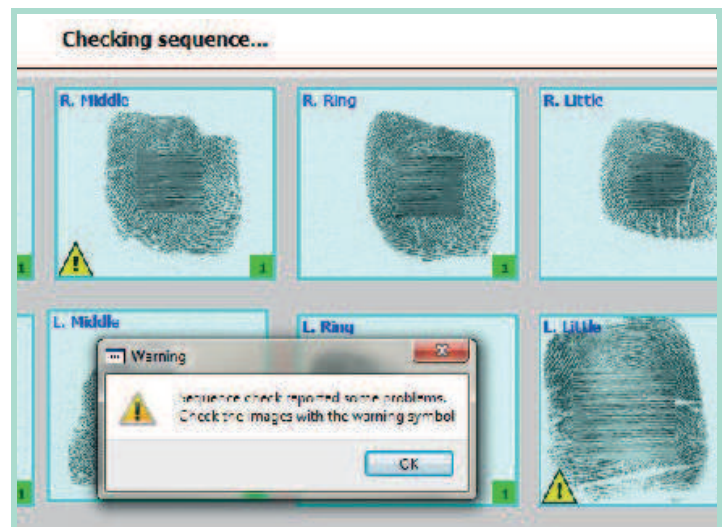
### EXTENDED SEQUENCE CHECK

### 'BEST-OF' MERGE OF PRINTS FROM DIFFERENT CARDS



- Automatic Cropping and Segmentation of single prints and 4-slaps
- Bounding Boxes can be adjusted manually if needed
- Automatic quality assessment as per NISTIR7151
- Generation of NFIQ values (1-5) for each finger

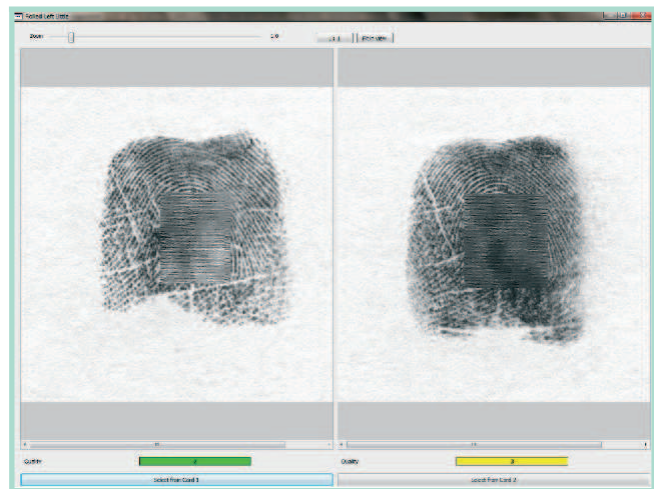
- Extended Sequence Check not only checking 1 to 1 but cross checking on all fingers, indicating which finger has been mixed-up
- Easy in-GUI swap of fingers subject to mix-up





- Details on quality, position and dimension of each image
- Possibility to zoom into images

- Automatic merger - creation of an 'best-of' set of fingerprints: if two cards are used for the same applicant, the DactyCard SDK automatically uses the best prints from both cards merging them in a new 'best-of' set.
- Manual merge – Operator's can compare images from both cards comparing them one-to-one and then choose which images to use for the 'best-of' set
- Image Formats: RAW, BMP, JPEG-JPEG2000 WSQ compression FBI certified



## TECHNICAL DATA

SUPPORTED FINGERPRINT CARDS	FD-258 (others on request)
IMAGE QUALITY	FBI IAFIS IQS Appendix F certified at 500 dpi for Epson V500 and V550 models. Other models can be certified upon request.
STANDARD COMPLIANCE	ANSI/NIST-ITL 1-2007/2011
PROGRAMMING LANGUAGES	All libraries are provided with both the standard C interface and a wrapper for .NET
EBTS OUTPUT	Type-4 and type-14
SUPPORTED OPERATING SYSTEMS	Microsoft Windows up to Win10 in 32-bit and 64-bit configuration