Software Changes and Fixes

The following main changes and fixes have been made to the software

API version: pr-2.1.7– July 28, 2017

New functionalities and enhancements added in this version are listed below:

- ✓ External light reduction algorithm for Combo Smart, Combo Scan and PRMc devices
- ✓ New property: api_date to verify the release date of the Passport Reader software package
- ✓ New feature to support alternate data order within PA certificates': "issuer" and "subject" fields
- ✓ New feature to interpret personal number of Malaysia ID and Passport, Portugal and Mexican ID cards
- ✓ Support for MRZ reading of China to Taiwan permit, Estonia residence permit and driver's license
- ✓ Support for reading multiple barcodes using the Analyze() function
- ✓ Automatic license upload feature from hard disk
- ✓ Support to return error details upon RFID file reading failed
- ✓ Support for returning incomplete MRZ lines
- ✓ Support for Taiwan passport personal number checksum verification
- ✓ New property: document/test_fibres to switch automatic UV fiber detection on/off
- ✓ New feature: RFID photo data check: comparison of biometric template data to size and format of actual image stored in the chip
- ✓ New feature: name and address field segmentation on all supported Australia documents (document/tip_names)
- ✓ New feature: PC/SC communication speed up to 1700 Kbit/s
- ✓ New feature: MRZ Country code validity test
- ✓ New property: license_path to specify an additional directory for automatic license upload besides the ProgramData/gx/pr folder
- ✓ New property: update_licenses to support unattended license upload automatically, on device opening
- ✓ Extension for tip_century property: support for DDMMYY date syntax in MRZ lines (Croatia driver's license)
- ✓ Extension for Readfield() function: support for barcode reading
- ✓ Restricted mode for Combo Smart, Combo Smart USB, Combo Smart Kiosk and Combo Scan R devices
- ✓ Support for extended document number parsing on ID2 and ID3 documents
- ✓ New value for docrect/modify property: 4 – automatic rotation of ID cards to landscape orientation

Fixes added in this version are listed below

- ✓ Comparing "issuer" and "subject" fields as strings in certificates for Passive Authentication
- ✓ Ecard info is available after device disconnection as well
- ✓ Fix for recently introduced Active Authentication data packages larger than 250 bytes
- ✓ Fix for Italy ID back side cropping
- ✓ Fix for image quality issues when changing illumination type while inspecting preview image
- ✓ Fix for LDIF file processing
- ✓ Fix to raise events on connection and button events
- ✓ Fix for freezing issue with Slovakia driver's license
- ✓ Fix to set PC/SC Control parameters without admin privileges
- ✓ New feature to display RFID error message at RFID fields

Changes to the Full Page Reader Demo are listed below

- ✓ New feature to display RFID error message at RFID fields
- ✓ New feature to signal if OCR engine is not installed at OPTIONS/OCR tab
- ✓ Support for PACE by typing CAN instead of MRZ lines for RFID chip reading
- ✓ New feature to display coordinates at READFIELD function.
- ✓ Fix for PDF saving
- ✓ Fix to support electronic documents without COM file
- ✓ Fix to clear log on processing tab to avoid performance issues due to logging
- ✓ Fix to handle MRZ content without expiry date specified
- ✓ Fix for latent image display in document view