



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

# SDK Versions

## Update notes



## Versions Table

Update Version 9.50.0 .....	4
Update Version 9.41.16 .....	6
Update Version 9.40.11 .....	8
Update Version 9.39.7 .....	12
Update Version 9.37.4 .....	15
Update Version 9.36.1 .....	17
Update Version 9.34.0 .....	20
Update Version 9.33.1 .....	22
Update Version 9.32.2 .....	25
Update Version 9.31.6 .....	27
Update Version 9.30.2 .....	30
Update Version 9.29.8 .....	32
Update Version 9.29.1 .....	33
Update Version 9.28.8 .....	35
Update Version 9.27.6 .....	37
Update Version 9.27 .....	39
Update Version 9.25 .....	42
Update Version 9.24 .....	44
Update Version 9.23 .....	47
Update Version 9.22 .....	49
Update Version 9.21 .....	50
Update Version 9.20 .....	52
Update Version 9.19 .....	54
Update Version 9.18 .....	56
Update Version 9.17 .....	58
Update Version 9.16 .....	60
Update Version 9.14 .....	62
Update Version 9.13 .....	64
Update Version 9.12 .....	65
Update Version 9.11 .....	67
Update Version 9.10 .....	68
Update Version 9.9 .....	70
Update Version 9.8 .....	71
Update Version 9.7 .....	72
Update Version 9.5 .....	75
Update Version 9.4 .....	76
Update Version 9.2 .....	77
Update Version 9.1 .....	78
Update Version 8.16 .....	80
Update Version 8.15 .....	82
Update Version 8.14 .....	84



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

Update Version 8.13 .....	85
Update Version 8.11 .....	86
Update Version 8.10 .....	87
Update Version 8.9 .....	88
Update Version 7.8 .....	89
Update Version 7.5 .....	90
Update Version 7.4 .....	91
Update Version 7.3 .....	92
Update Version 7.2 .....	93



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.50.0**

### **Date:**

May 16, 2011

### **Availability:**

<http://www.cssn-developers.com/sdk-download.htm>

### **Announcements**

#### **SDK Features:**

- SDK now supports multiple browsers like Firefox, Chrome, and Internet Explorer (IE) etc.
- Java API now available for the SDK.
- Infra-Red and Ultraviolet image capturing capabilities available for authentication.
- SDK now enables simplex devices to have duplex capabilities by users simply flipping the card for both Snapshell® and Scanshell® simplex units.
- SDK now compatible with Windows server 2008 32 bit.
- Barcode Date Data now available in mm/dd/yyyy format.
- ID back image buffer now available in duplex scanning scenarios.
- New function added to get passport signature image buffer.
- Check scanning and OCR now supports Internet Explorer.

#### **Hardware Features:**

- IR/UV Snapshell® device now available.
- Scanshell® 3000D and 3000DN upgraded to 3100D and 3100DN duplex scanners, new drivers required and available in the SDK setup.
- Magtek Excella STX colored device now supported with the SDK.

#### **Bug Fixes:**

- Barcode reading – issue regarding getting Height, Eyes, and Weight values fixed.

#### **Enhancements:**

- Barcode reading improved.
- Driver's License and Insurance card reading improved.
- Snapshell® Image quality improved.
- Live update server will now update SnapShell drivers on both 32 and 64 bit systems.
- All the hardware drivers are now digitally signed.

#### **Template Enhancements:**

- CAC
- Arkansas
- Belize
- Brazil
- California
- California underage
- Cook Island
- Delaware
- Ecuador



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

- Florida
- Georgia
- Hawaii
- Illinois
- Indonesia
- Massachusetts
- Mexico
- Minnesota
- Nevada
- New Hampshire
- New Jersey
- New York
- New Zealand
- NJ underage
- Nova Scotia
- NSW Australia
- NT Australia
- Ohio
- Pennsylvania
- Prince Edward CA
- Qatar
- Queensland Australia
- S. Africa
- Saskatchewan
- Singapore Work Permit
- South Australia
- South Carolina new
- Tennessee
- Texas under 21
- Tribal Bishop Paiute
- Tulalip Tribe
- Victoria Australia
- Washington
- Wisconsin
- Wyoming



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.41.16**

**Date:**  
August 8, 2010

**Availability:**  
<http://www.id-reader.com/ftp/applications/sdk/>

### **Features & remarks:**

- ***Major Announcement:***
  - 2010 SnapShell models require new drivers. Please make sure to install the drivers when installing the new software. The new 2010 SnapShell driver is backward compatible for older SnapShell models.
  
- ***New Product:***
  - Receipt SDK.
  - DVLA SDK.
  
- ***New SDK Functions:***
  - None
  
- ***Bug Fix:***
  - ID SDK
    - Fix face & signature image extraction when scan in duplex mode
  - Barcode SDK
    - Virginia Barcode bad dates extraction Fixed.

### **Template enhancements:**

- Iowa improved.
- NYPD improved.
- Alabama under age supported.
- Alberta Canada improved.
- Arizona improved.
- Arkansas improved.
- Australia - Security cards supported.
- China passport supported.
- Columbia improved.
- DVLA - car title of Georgia supported.



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

- Florida vertical license improved.
- Georgia supported.
- Hawaii improved.
- Hawaii under age supported.
- Illinois improved.
- India passport supported.
- Indiana improved.
- Iowa supported.
- Kentucky improved.
- Kenya New country support.
- Maryland improved.
- Massachusetts support.
- Mexican vertical license improved.
- Mexico improved.
- Mexico Sonora Support.
- Nebraska improved.
- Nevada improved.
- New York improved.
- Nigeria Support.
- North Carolina improved.
- North Carolina under age improved.
- NSW Australia Support.
- Ontario improved.
- Peru improved.
- Singapore improved.
- Slovakia improved.
- South Dakota Support.
- St. Chris & Nevis improved.
- Tennessee improved.
- Texas under age Support.
- United Arab Emirates improved.
- Vermont improved.
- Virginia improved.
- Virginia under age improved.
- Washington improved.
- Wisconsin Support.



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.40.11**

### **Date:**

March 15, 2010

### **Availability:**

<http://www.id-reader.com/ftp/applications/sdk/>

### **Features & remarks:**

- ***Major Announcement:***

- SnapShell supported in 64bit systems.
- ScanShell 800 supported in 64bit systems.
- ScanShell 800N supported in 64bit systems.
- ScanShell 3000DN supported in 64bit systems.

Note: The new 64 bit drivers are not replacing the current 32 bit support that we have; they are an addition to the currently supported operating systems. Windows 7 operating systems are also supported.

- **New Product:**

- Business cards SDK
  - OCR Detection improved.
  - New support for Canadian business cards.

- **New SDK Functions:**

- CalibrateEX function that includes GUI for calibration process.
- Enable reading of compact barcodes.
- Increased the 2D barcode stability for instances of scratches in the barcodes.

- **Bug Fix:**

- SnapShell
  - Fix for multi cameras applications.
  - White balance process fixed.
  - Brighter face image capturing.
- Barcode SDK
  - Few bug fixes, mainly in the 2D barcode interpretation



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

### Template enhancements:

- CAC Cards added fields.
- CAC 2D barcode improved.
- Connecticut improved.
- Florida improved.
- Georgia auto detection improved.
- Georgia car title supported.
- Georgia new format supported.
- Hawaii new formats supported.
- Idaho improved.
- Illinois improved.
- Indiana improved auto detection.
- Iowa improved.
- Mexico new formats supported.
- Michigan improved.
- Minnesota improved.
- Montana improved.
- Nebraska improved.
- Nevada improved.
- Nevis IDs supported.
- New York improved.
- North Carolina added support for 4 lines of address.
- Ohio new format improved.
- Ohio new under age supported.
- Oregon improved.
- Pennsylvania improved.
- South Carolina improved.
- South Dakota new format supported.
- Tennessee improved.
- Texas concealed gun supported.
- Tribal Kanienkeha supported
- USA Passport Card supported.
- Virginia 2D barcode Corrected parsing.
- Wisconsin improved.
- Alberta CA new supported.
- Manitoba CA new supported.
- Ontario CA new improved auto detection.
- Ontario CA new health cards supported.
- NSW Australia improved.
- NT Australia improved.
- Victoria Australia new supported.



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

**File modification:**

- AmericaIDs.bin
- AsiaIDs.bin
- CanadaIDs.bin
- EuropeIDs.bin
- Fx2Cam.bin
- UsaIDs.bin
- AmericaIDs.dat
- AsiaIDs.dat
- AustraliaIDs.dat
- CanadaIDs.dat
- EuropeBwIDs.dat
- EuropeIDs.dat
- EuropeSIDs.dat
- GeneralIDs.dat
- Passports.dat
- Snps\_AmericaIDs.dat
- Snps\_AustraliaIDs.dat
- Snps\_CanadaIDs.dat
- Snps\_EuropeBwIDs.dat
- Snps\_EuropeIDs.dat
- Snps\_EuropeSIDs.dat
- Snps\_GeneralIDs.dat
- Snps\_UsaIDs.dat
- UsaIDs.dat
- BarCode.dll
- CamApi.dll
- CImage.dll
- CcssnScannerStates.dll
- DynamicFieldExtraction.dll
- Fx2CamApi.dll
- IdCard.dll
- ImageCtrl.dll
- MacroHook.dll
- NetScanWex.dll
- OCR\_PreProc.dll
- Parser.dll
- ScanW.dll
- ScanWex.dll
- ScanX.dll
- SLib.dll



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

- SlibEx.dll
- snNetScanWex.dll
- SoapAct.dll
- SOCRdll.dll
- SnapServer.exe
- Fx2Cam.inf
- Fx2Cam.w2k.inf
- CssnCameraCtrl.ocx
- Version.txt



## Update Version 9.39.7

**Date:**  
October 26, 2009

**Availability:**  
<http://www.id-reader.com/ftp/applications/sdk/>

### Features & remarks:

- **New Product:**
  - IpScan – With IPScan any TWAIN compliant remote scanner can be managed remotely over the network whether it is connected to a thin client terminal or desktop PC.  
[http://www.cssn-developers.com/remote\\_scanner.htm](http://www.cssn-developers.com/remote_scanner.htm)
  - SnapShell – Released new SnapShell units with built-in IR capabilities for future use. These are the only units currently deployed!
    - **NEW UPDATED DRIVERS REQUIRED!!!**
      - Drivers are backward compatible with existing SnapShell units.
      - [Updated Driver](#)
      - Added 64 Bit support for Windows XP and Windows Server 2003.
      - Added Linux support through WINE. [Linux Driver](#)
  - Dynamic Export – Field export mapping capabilities to any 3rd party form. See [ScanWex.pdf](#) for details.
  - SwipeScan SDK – Added support for 3rd party barcode & magnetic via activation.
  - MedicScan – Medical ID card reading capability with logic enhancements.
  - Software Activation – Added support for “software only” via activation. This allows support of non ScanShell/SnapShell Twain devices.
    - Approved devices include: Fujitsu 6130 & 6140; Canon DR-2510C & 3010C; Panasonic KV-S1025C; Docketport Scanners.
- **New SDK Functions:**
  - CountCSSNDevices - for counting the number of devices on the machine/or on the remote scanner
  - GetCSSNDevice - for getting the device name
- **Bug Fix:**
  - Handling snap shell - connecting / disconnecting while the SDK is active
  - SDK A
- **General:**
  - SnapShell barcode reading improvement.

### Template enhancements:

- Alabama 2D barcode corrections
- Arizona Improvements.
- Australia Improvements



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

- Connecticut auto detection improvements
- Illinois Firearm support
- Louisiana Improvements
- Michigan back side support
- Michigan new license Improvements
- Montana Improvements
- Montana Improvements.
- Nebraska Improvements
- Nebraska support
- New Virginia auto detection Improvements
- New Zealand Improvements
- Ohio Improvements
- Quebec Canada new license support
- Texas new license Improvements
- Texas vertical support
- Virginia new vertical license support
- West Virginia 2D barcode corrections

**File modification:**

- AfricaIDs.bin
- AfricaIDs.dat
- AmericaIDs.bin
- AmericaIDs.dat
- AsiaIDs.bin
- AsiaIDs.dat
- AustraliaIDs.bin
- AustraliaIDs.dat
- CanadaIDs.bin
- CanadaIDs.dat
- EngRotDB.bin
- EuropeBwIDs.dat
- EuropeIDs.bin
- EuropeIDs.dat
- EuropeSIDs.dat
- Fx2Cam.bin
- Fx2Cam.hex
- Fx2Cam.inf
- Fx2Cam.sys
- Fx2Cam.w2k.inf
- GeneralIDs.dat
- Passports.dat



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

- Snps\_AfricaIDs.dat
- Snps\_AmericaIDs.dat
- Snps\_AsiaIDs.dat
- Snps\_AustraliaIDs.dat
- Snps\_CanadaIDs.dat
- Snps\_EuropeIDs.dat
- Snps\_GeneralIDs.dat
- Snps\_Passports.dat
- Snps\_UsaIDs.dat
- UsaIDs.bin
- UsaIDs.dat
- Version.txt
- SnapServer.exe
- CSSNUpdatesAfter.exe
- CssnCameraCtrl.ocx
- SOCRdll.dll
- snNetScanWex.dll
- SlibEx.dll
- SLib.dll
- ScanX.dll
- ScanWex.dll
- ScanW.dll
- OCR\_PreProc.dll
- NetScanWex.dll
- MacroHook.dll
- ImageCtrl.dll
- IdCard.dll
- Fx2CamApi.dll
- DynamicFieldExtraction.dll
- CssnScannerStates.dll
- CImage.dll
- CamApi.dll
- BarCode.dll



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.37.4**

**Date:**

July 7, 2009

**Availability:**

<http://www.id-reader.com/ftp/applications/sdk/>

**Bug Fix:**

- Spelling error: Island fixed to Iceland
- Countries list order in Europe fixed.

**New Templates:**

- New template for Prince Edward.
- New template for Virginia.
- New template for Texas.
- New template for Nevada.
- New template for PH Cards.
- New template for Vertical Ohio.

**Template enhancements:**

- Ohio improvements.
- Slovenia Passports improvements.
- New Virginia improvements.
- New Zealand improvements.
- Texas improvements.
- Alaska improvements.
- Texas Vertical improvements.
- Michigan improvements.
- Panama Improvements.
- CA Improvements

**File modification:**

- AsiaIDs.bin
- AsiaIDs.dat
- BarCode.dll
- CamApi.dll
- CanadaIDs.bin
- CanadaIDs.dat
- CImage.dll
- CssnCameraCtrl.ocx
- CssnScannerStates.dll



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

- DynamicFieldExtraction.dll
- EuropeIDs.dat
- Fx2CamApi.dll
- IdCard.dll
- ImageCtrl.dll
- MacroHook.dll
- OCR\_PreProc.dll
- Parser.dll
- Passports.dat
- ScanW.dll
- ScanWex.dll
- SLib.dll
- SlibEx.dll
- SnapServer.exe
- Snps\_AsiaIDs.dat
- Snps\_AustraliaIDs.dat
- Snps\_CanadaIDs.dat
- Snps\_EuropeIDs.dat
- Snps\_UsaIDs.dat
- SOCRdll.dll
- UsaIDs.bin
- UsaIDs.dat
- Version.txt



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.36.1**

(Version 9.35 skipped)

### **Date:**

May 21, 2009

### **Availability:**

<http://www.id-reader.com/ftp/applications/sdk/>

### **New Templates:**

- New template for Tribal ID.
- New template for Brazil.
- New template for India.
- New template for Namibia.
- New template for Zambia.
- New template for ID.

### **Template enhancements:**

- Ohio improvements.
- Army improvements.
- New Jersey 2D barcode improvements.
- BASF cards improvements.
- Bosnia Id improvements.
- Los Angeles 2D barcode improvements.
- Colorado improvements.
- Nevada improvements.
- Maryland improvements.
- Montana improvements.
- Victoria Australia improvements.
- Puerto Rico improvements.
- Indiana improvements.
- Kentucky improvements.
- Florida improvements.
- West Virginia improvements
- NSW Australia improvements
- France improvements
- Netherlands improvements
- Croatia passports improvements
- Austria passports improvements
- Slovenia improvements

### **File modification:**



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

- Version.txt
- IdCard.dll
- BarCode.dll
- SOCRdll.dll
- SLib.dll
- SlibEx.dll
- ImageCtrl.dll
- DynamicFieldExtraction.dll
- MacroHook.dll
- EuropeIDs.dat
- ScanW.dll
- ScanWex.dll
- SnapServer.exe
- CamApi.dll
- OCR\_PreProc.dll
- ScanX.dll
- AmericaIDs.dat
- EuropeIDs.bin
- UsaIDs.dat
- EuropeBwIDs.dat
- AustraliaIDs.dat
- Snps\_EuropeIDs.dat
- Snps\_UsaIDs.dat
- UsaIDs.bin
- GeneralIDs.dat
- AmericaIDs.bin
- Snps\_GeneralIDs.dat
- AfricaIDs.dat
- AsiaIDs.dat
- AfricaIDs.bin
- AsiaIDs.bin
- snNetScanWex.dll
- NetScanWex.dll
- Snps\_AustraliaIDs.dat
- Snps\_Passports.dat
- Passports.dat
- CanadaIDs.dat
- CanadaIDs.bin
- Snps\_AmericaIDs.dat
- Snps\_AsiaIDs.dat
- Snps\_CanadaIDs.dat
- Snps\_AfricaIDs.dat



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

- Snps\_GeneralIDs.dat
- AustraliaIDs.bin



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.34.0**

**Date:**

January 22, 2009

**Availability:**

<http://www.id-reader.com/ftp/applications/sdk/>

**New Templates:**

- New template for USA Tribal ID.
- New template Venezuela.
- New template for Nevada.

**Template enhancements:**

- New York improvements.
- South Carolina improvements.
- Illinois improvements.
- South Africa improvements.
- Oregon improvements.
- USA University improvements.
- California improvements.

**File modification:**

- Version.txt
- Snps\_AsiaIDs.dat
- CanadaIDs.dat
- Passports.dat
- UsaIDs.bin
- EuropeIDs.bin
- UsaIDs.dat
- Snps\_AfricaIDs.dat
- AfricaIDs.dat
- Snps\_GeneralIDs.dat
- GeneralIDs.dat
- Snps\_AmericaIDs.dat
- EuropeBwIDs.dat
- AmericaIDs.dat
- AmericaIDs.bin
- Snps\_UsaIDs.dat
- Snps\_EuropeIDs.dat
- EuropeIDs.dat



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

- AustraliaIDs.dat
- SnapServer.exe
- snNetScanWex.dll
- SLib.dll
- ScanX.dll
- ScanWex.dll
- OCR\_PreProc.dll
- NetScanWex.dll
- MacroHook.dll
- HookWndProc.dll
- IdCard.dll
- Fx2CamApi.dll
- DynamicFieldExtraction.dll
- CImage.dll
- CamApi.dll



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.33.1**

### **Date:**

December 10, 2008

### **Availability:**

<http://www.id-reader.com/ftp/applications/sdk/>

### **New Features:**

- Full support in Unicode characters in ID\DL & Passports.
- Support in MagTek scanner.
- Support in RTE 8000 scanner.

### **New Templates:**

- New template for Oklahoma.
- New template for Mississippi.
- New template for NSW veteran Australia.
- New template for Hawaii.
- New template for New Hampshire.
- New template for New Found Land Canada.
- New template for Columbia.
- New template for Puerto Rico.
- New template for New York.

### **Template enhancements:**

- New Brunswick Canada improvements.
- Virginia ID card improvements.
- Quebec Canada improvements.
- NT Australia improvements.
- Ontario Canada improvements.
- Indiana improvements.
- Mexico improvements.
- Louisiana improvements.
- Bulgaria passport improvements.
- New Mexico improvements.
- South Carolina improvements.
- US Virgin Islands improvements.
- West Virginia improvements.
- Tennessee improvements.
- Ohio improvements.
- Singapore improvements.
- Florida improvements.



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

- QLD Australia improvements.
- Chile improvements.
- North Carolina improvements.
- Capital Territory Australia improvements.
- Connecticut improvements.

#### **Bug fixing:**

- 2D barcode parsing improvements.

#### **File modification:**

- Version.txt
- IdCard.dll
- DynamicFieldExtraction.dll
- ScanW.dll
- ScanWex.dll
- SOCRdll.dll
- BarCode.dll
- Parser.dll
- SLib.dll
- ImageCtrl.dll
- SnapServer.exe
- CamApi.dll
- Fx2CamApi.dll
- OCR\_PreProc.dll
- TwainScan.exe
- CS4K.dll
- NetScanW.dll
- NetScanWex.dll
- snNetScanW.dll (.Net wrapper with strong name)
- snNetScanWex.dll (.Net wrapper with strong name)
- ScanX.dll
- UsaIDs.dat
- EuropeIDs.bin
- EuropeIDs.dat
- GeneralIDs.dat
- UsaIDs.bin
- AmericaIDs.dat
- Snps\_CanadaIDs.dat
- Snps\_EuropeIDs.dat
- Snps\_UsaIDs.dat
- AmericaIDs.bin
- EuropeBwIDs.dat



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

- Snps\_AustraliaIDs.dat
- Snps\_GeneralIDs.dat
- AsiaIDs.dat
- CanadaIDs.dat
- Passports.dat
- Snps\_AmericaIDs.dat
- CanadaIDs.bin
- AustraliaIDs.dat
- EuropeSIDs.dat
- Snps\_EuropeBwIDs.dat
- Snps\_EuropeSIDs.dat



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.32.2**

### **Date:**

August 29, 2008

### **Availability:**

<http://www.id-reader.com/ftp/applications/sdk/>

### **New Features:**

- Stamp Text using opacity colors new function.
- New function GetFaceEx (supported cards only).

### **New Templates:**

- New template for Croatia.
- New template for NT Australia.
- New template for Bosnia ID back.
- New template for Hungary ID back.
- New template for Estonia ID back.
- New template for Minesota.
- New template for AMPORT in general id's.

### **Template enhancements:**

- Sweeden improvements.
- Oklahoma improvements.
- New Jersey improvements.
- Montana improvements.
- Guam improvements.
- Czech improvements.
- Idaho improvements.
- Quebec Canada improvements.
- Ontario Canada improvements.
- Illinoise improvements.
- Hawaii improvements.
- Texas improvements.
- Missouri improvements.
- Manitoba improvements.

### **Bug fixing:**

- OCR rectangles at Europe placed on image.

### **File modification:**



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

- IdCard.dll
- Parser.dll
- SOCRdll.dll
- BarCode.dll
- SLib.dll
- ImageCtrl.dll
- ScanWex.dll
- Net ScanWex.dll
- OCR\_PreProc.dll
- ScanX.dll
- EuropeIDs.dat
- Snps\_CanadaIDs.dat
- CanadaIDs.dat
- Snps\_USAIDs.dat
- UsaIDs.dat
- UsaIDs.bin
- AmericaIDs.dat
- AmericaIDs.bin
- Snps\_AmericaIDs.dat
- GeneralIDs.dat
- Snps\_GeneralIDs.dat
- EuropeBwIDs.dat
- Snps\_EuropeIDs.dat
- Snps\_EuropeSIDs.dat
- Snps\_EuropeBwIDs.dat
- EuropeSIDs.dat
- EuropeIDs.bin
- AsiaIDs.dat
- Passports.dat
- AustraliaIDs.dat
- AustraliaIDs.bin
- Snps\_AustraliaIDs.dat
- Version.txt



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.31.6**

### **Date:**

June 17, 2008

### **Availability:**

<http://www.id-reader.com/ftp/applications/sdk/>

### **New Features:**

- GetSignatureDuplex function.

### **New Templates:**

- New template for 2D barcodes Washington.
- New template for Indonesia.
- New template for Washington.
- New template for Idaho.
- New template for Brunei.
- New template for Illinois.

### **Template enhancements:**

- Spain improvements.
- Alabama improvements.
- Kansas improvements.
- New Jersey improvements.
- SCSIUSAC cards improvements.
- Florida improvements.
- Minnesota improvements.
- Canada Alberta 2D barcode improvements.
- UAE Dubai improvements.
- FIPS id cards improvements.
- Australia Victoria improvements.
- Australia NSW improvements.
- Massachusetts improvements.
- Austria passports improvements.
- Holland passports improvements.
- Poland passports improvements.
- Germany passports improvements.
- Ecuador passports improvements.
- Ukraine passports improvements.
- France passports improvements.
- Slovenia passports improvements.



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

- UK passports improvements.
- Denmark passports improvements.
- Australia passports improvements.
- Serbia passports improvements.
- Macedonia passports improvements.
- Ireland passports improvements.
- Bosnia passports improvements.
- Singapore improvements.
- Rhode Islands improvements.
- Wisconsin improvements.
- Mexico improvements.
- Texas improvements.
- California improvements.
- Vermont improvements.
- Hungary improvements.
- West Virginia improvements.
- Colorado improvements.
- Sweden improvements.
- New York improvements.
- Bosnia improvements.
- Maryland improvements.
- Washington DC improvements.
- Indiana improvements.
- Delaware improvements.
- Canada Ontario improvements.
- North Carolina improvements.
- Virginia improvements.
- Tennessee improvements.
- Oregon improvements.
- Mississippi improvements.
- 

**Bug fixing:**

- Saving image to tiff format and 200DPI, black & white colors.

**File modification:**

- EuropeIDs.dat
- Snps\_EuropeIDs.dat
- AsiaIDs.dat
- Snps\_UsaIDs.dat
- Snps\_AustraliaIDs.dat
- EuropeIDs.bin



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

- CanadaIDs.dat
- UsaIDs.dat
- Snps\_AsiaIDs.dat
- Snps\_GeneralIDs.dat
- EuropeBwIDs.dat
- AmericaIDs.dat
- Snps\_AmericaIDs.dat
- AustraliaIDs.dat
- UsaIDs.bin
- AmericaIDs.bin
- AustraliaIDs.bin
- GeneralIDs.dat
- Snps\_CanadaIDs.dat
- AsiaIDs.bin
- Snps\_Passports.dat
- IdCard.dll
- ScanWex.dll
- ScanW.dll
- SOCRdll.dll
- BarCode.dll
- Parser.dll
- SLib.dll
- ImageCtrl.dll
- OCR\_PreProc.dll
- CImage.dll
- ScanX.dll
- lib0.lib
- lib2.lib
- lib1.lib
- lib3.lib
- Version.txt



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.30.2**

### **Date:**

March 12, 2008

### **Availability:**

<http://www.id-reader.com/ftp/applications/sdk/>

### **New Templates:**

- New template for Denmark.
- New template Singapore Passports.

### **Template enhancements:**

- US Virgin Islands improvements.
- Denmark improvements.
- Canada improvements.
- South Carolina improvements.
- England improvements.
- Portugal improvements.
- Minnesota improvements.
- Mexico improvements.
- Army cards improvements.

### **File modification:**

- AmericaIDs.dat
- AmericaIDs.bin
- AsiaIDs.bin
- AsiaIDs.dat
- CanadaIDs.dat
- EuropeIDs.dat
- EuropeIDs.bin
- GeneralIDs.dat
- Passports.dat
- Snps\_AmericaIDs.dat
- Snps\_EuropeIDs.dat
- Snps\_UsaIDs.dat
- UsaIDs.dat
- Version.txt
- SLib.dll
- Parser.dll
- OCR\_PreProc.dll



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

- ImageCtrl.dll
- IdCard.dll
- BarCode.dll



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.29.8**

### **Date:**

February 20, 2008

### **Availability:**

<http://www.id-reader.com/ftp/applications/sdk/>

### **New Templates:**

- New template for Denmark.
- New template for US Virgin Islands.

### **Template enhancements:**

- England improvements.
- Germany improvements.
- Singapore improvements.
- Illinois improvements.
- Indonesia improvements.

### **Bug fixing:**

- Get accuracy fixed.
- Fujitsu support in Vista.

### **File modification:**

- AsiaIDs.bin
- EuropeIDs.dat
- EuropeIDs.bin
- Snps\_AmericaIDs.dat
- Snps\_AsiaIDs.dat
- Snps\_CanadaIDs.dat
- Snps\_EuropeIDs.dat
- Snps\_UsaIDs.dat
- UsaIDs.dat
- Version.txt
- SLib.dll
- OCR\_PreProc.dll
- ImageCtrl.dll
- IdCard.dll



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.29.1**

### **Date:**

February 6, 2008

### **Availability:**

<http://www.id-reader.com/ftp/applications/sdk/>

### **New Features:**

- New 2D barcode fields: Endorsements, Height, Weight, Eyes & Hair.
- New function ProcessEx in the Magnetic library (ScanWex.dll)
- Support in Twain scanners (Not all contact the office to learn more).
- Faster extraction of barcodes 1D & 2D.
- New function in idCard to set the region detection sequence.

### **New Templates:**

- New template for Honduras.
- New template for TWIC cards.

### **Template enhancements:**

- England improvements.
- New Zealand improvements.
- Norway improvements.
- Illinois improvements.
- Emerson University improvements.
- MA improvements.
- Hawaii improvements.
- Indiana improvements.
- Maryland improvements.
- Mississippi improvements.
- New Jersey improvements.
- Pennsylvania improvements.
- Wisconsin improvements.

### **Bug fixing:**

- Scan size using COM and ScanShell3000.
- Init process of the MagShell.
- Fixed SnapShell drivers.
- Crash issue during OCR in some cases.

### **File modification:**



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

- AustraliaIDs.dat
- AsiaIDs.dat
- AsiaIDs.bin
- AmericaIDs.bin
- AmericaIDs.dat
- CanadaIDs.dat
- Snps\_GeneralIDs.dat
- GeneralIDs.dat
- CanadaIDs.bin
- UsaIDs.bin
- Snps\_UsaIDs.dat
- Snps\_CanadaIDs.dat
- Passports.dat
- UsaIDs.dat
- Snps\_EuropeSIDs.dat
- Snps\_EuropeIDs.dat
- Snps\_EuropeBwIDs.dat
- EuropeSIDs.dat
- EuropeIDs.dat
- EuropeIDs.bin
- EuropeBwIDs.dat
- Version.txt
- ScanX.dll
- NetScanWex.dll
- OCR\_PreProc.dll
- ImageCtrl.dll
- SLib.dll
- SOCRdll.dll
- IdCard.dll
- BarCode.dll
- ScanWex.dll



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.28.8**

### **Date:**

January 3, 2008

### **Availability:**

<http://www.id-reader.com/ftp/applications/sdk/>

### **New Templates:**

- New template for Ecuador.
- New template for Brunei.

### **Template enhancements:**

- Illinois improvements.
- Cyprus passport improvements.
- Croatia improvements.
- Montana improvements.
- Hungary improvements.
- Mexico improvements.
- EHIC cards barcode improvements.
- Sweden improvements.

### **Bug fixing:**

- Passport data extraction using ScanShell3000.
- Init process.
- Scan Size properties.

### **File modification:**

- Snps\_AsiaIDs.dat
- Snps\_AmericaIDs.dat
- EuropeBwIDs.dat
- Snps\_AustraliaIDs.dat
- AsiaIDs.bin
- OCR\_PreProc.dll
- Snps\_UsaIDs.dat
- AsiaIDs.dat
- UsaIDs.dat
- UsaIDs.bin
- Snps\_EuropeIDs.dat
- EuropeIDs.dat
- AmericaIDs.dat



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

- AmericaIDs.bin
- Version.txt
- ImageCtrl.dll
- SLib.dll
- BarCode.dll
- SOCRdll.dll
- Parser.dll
- IdCard.dll



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.27.6**

### **Date:**

December 8, 2007

### **Availability:**

<http://www.id-reader.com/ftp/applications/sdk/>

### **New Features:**

- Duplex scan for checks.

### **New Templates:**

- New template for Tribal USA.
- New template for University USA.
- New template for Finland.
- New template for Australia dept of defense.
- New template for Costa-Rica.
- New template for Ukraine passports.

### **Template enhancements:**

- Maryland improvements.
- Georgia improvements.
- Indiana improvements.
- Austria passports improvements.
- California magnetic stripe issue date improvements.
- Oregon improvements.
- Tennessee improvements.
- Virginia improvements.
- North Carolina improvements.
- Tasmania Australia improvements.
- South Africa ID improvements.
- Ontario Canada improvements.
- Delaware improvements.
- MRZ Lines improvements.
- Washington DC improvements.
- Bosnia ID improvements.
- Wisconsin improvements.
- Florida improvements.
- Ireland improvements.
- Sweden improvements.
- Kansas improvements.



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

- Singapore improvements.
- Rhode Island improvements.

**Bug fixing:**

- Vista UAC after restart\updating files.

**File modification:**

- UsaIDs.bin
- EuropeBwIDs.dat
- EuropeIDs.dat
- Passports.dat
- UsaIDs.dat
- BarCode.dll
- IdCard.dll
- OCR\_PreProc.dll
- SLib.dll
- SOCRdll.dll
- FileCheckSum.exe
- Version.txt



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.27**

### **Date:**

November 8, 2007

### **Availability:**

<http://www.id-reader.com/ftp/applications/sdk/>

### **New Features:**

- Faster loading the MagShell using the last used COM port number.

### **New Templates:**

- New template for USA University.
- New template for Finland.
- New template for Australia Dept of Defense.
- New template for Costa Rica.
- New template for Ukraine passport.
- New template for Bosnia passport.
- New template for Luxembourg passport.
- New template for Ireland passport.
- New template for Macedonia passport.
- New template for Serbia passport.
- New template for Australia passport.
- New template for Denmark passport.
- New template for UK Template SIA cards.
- New template for France passport.
- New template for Europe health cards.

### **Template enhancements:**

- Maryland improvements.
- Georgia improvements.
- Indiana improvements.
- California Magnetic issue date improvements.
- Oregon improvements.
- Tennessee improvements.
- Virginia improvements.
- North Carolina improvements.
- Australia Tasmania improvements.
- South African ID improvements.
- Ontario improvements.
- Delaware improvements.



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

- Washington improvements.
- Bosnian ID improvements.
- Wisconsin improvements.
- Ireland improvements.
- Sweden improvements.
- Colorado improvements.
- West Virginia improvements.
- Massachusetts U21 improvements.
- Vermont improvements.
- California improvements.
- Kansas improvements.
- Texas improvements.
- New Mexico improvements.
- Rhode Island improvements.
- Croatian ID improvements.
- Slovenia ID improvements.
- Portugal passport improvements.
- Norway passport improvements.
- Israel passport improvements.
- Australia passport improvements.
- Italy passport improvements.
- Slovenia passport improvements.
- Italy ID improvements.
- Connecticut improvements.

**Bug fixing:**

- Mexican card missing a field.
- Face Extraction from passports.
- JPG quality.

**File modification:**

- AfricaIDs.bin
- AustraliaIDs.bin
- EuropeIDs.bin
- NetScanWex.dll
- ScanX.dll
- Snps\_GeneralIDs.dat
- Snps\_EuropeSIDs.dat
- Snps\_EuropeIDs.dat
- Snps\_EuropeBwIDs.dat
- Snps\_CanadaIDs.dat
- Snps\_AustraliaIDs.dat



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

- Snps\_AsiaIDs.dat
- Snps\_AmericaIDs.dat
- Snps\_AfricaIDs.dat
- MRZlines.dat
- GeneralIDs.dat
- EuropeSIDs.dat
- CanadaIDs.dat
- AustraliaIDs.dat
- AsiaIDs.dat
- AmericaIDs.bin
- AfricaIDs.dat
- UsaIDs.bin
- Passports.dat
- AmericaIDs.dat
- UsaIDs.dat
- Snps\_UsaIDs.dat
- OCR\_PreProc.dll
- Version.txt
- ScanW.dll
- ScanWex.dll
- EuropeIDs.dat
- EuropeBwIDs.dat
- ImageCtrl.dll
- SLib.dll
- BarCode.dll
- SOCRdll.dll
- Parser.dll
- IdCard.dll



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.25**

### **Date:**

September 5, 2007

### **Availability:**

<http://id-reader.com/ftp/applications/sdk/>

### **New Features:**

- Support multi SnapShell cameras.
- Vista compliance drivers & Software (HDT 1070, 1080, 1081)

### **New Templates:**

- New template for California (HDT 1034, 1224)
- New template for Oregon (HDT 1144)
- New template for Delaware (HDT 1045, 1257)
- New template for Louisiana (HDT 1153)
- New template for CZ passport (HDT 1179)
- New template for Indiana (HDT 1194, 1230)
- New template for UK (HDT 1203)
- New template for Utah (HDT 1208)
- New template for Angola passport (HDT 1209)
- New template for Maryland (HDT 1249)
- New template for Michigan (HDT 1250)
- New template for New-York (HDT 1252)
- New template for Northern Territory Australia (HDT 1258)

### **Template enhancements:**

- Slovakia improvements (HDT 1112)
- New-York improvements (HDT 1147)
- Australia passports improvements (HDT 1154)
- South Africa passports improvements (HDT 1155)
- Greek passports improvements (HDT 1160)
- Italy passports improvements (HDT 1162, 1175)
- UK passports improvements (HDT 1163)
- Bosnia improvements (HDT 1165)
- French ID improvements (HDT 1167, 1262)
- Slovenia improvements (HDT 1183, 1267)
- Louisiana improvements (HDT 1188, 1202)
- Italy ID improvements (HDT 1195)
- Spain improvements (HDT 1197, 1198)



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

- UK improvements (HDT 1206)
- Georgia improvements (HDT 1211)
- Victoria Australia improvements (HDT 1232)
- 2D barcode New-Jersey (HDT 1236)
- Ontario Canada improvements (HDT 1240, 1242)
- Hungary improvements (HDT 1264)
- Saskatchewan Canada improvements (HDT 1274)
- Oklahoma improvements (HDT 1286)
- Austria passports improvements (HDT 1286, 1289)

#### **Bug fixing:**

- Barcode reading bug (HDT 987)
- 1D Barcode reading bug (HDT 1047)
- Missing features in ScanX (HDT 1174, 1184)

#### **File modification:**

- AustraliaIDs.bin
- EuropeIDs.bin
- UsaIDs.bin
- AustraliaIDs.dat
- CanadaIDs.dat
- EuropeBwIDs.dat
- EuropeIDs.dat
- GeneralIDs.dat
- Passports.dat
- Snps\_AustraliaIDs.dat
- Snps\_CanadaIDs.dat
- Snps\_EuropeIDs.dat
- Snps\_UsaIDs.dat
- UsaIDs.dat
- BarCode.dll
- IdCard.dll
- ImageCtrl.dll
- NetScanWex.dll
- OCR\_PreProc.dll
- ScanWex.dll
- ScanX.dll
- SLib.dll
- Version.txt



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.24**

### **Date:**

June 25, 2007

### **Availability:**

<http://id-reader.com/ftp/applications/sdk/>

### **New Features:**

- Full page support (HDT 462)
- Passport MRZ Lines extracted (HDT 1071)
- Get the magnetic reader COM port.

### **New Templates:**

- New template for Spain passport (HDT 1014)
- New template for California (HDT 1034)
- New template for Norway passport (HDT 1053, 1128)
- New template for USA Army (HDT 1073)
- New template for Iowa (HDT 1085)
- New template for Slovenia passport (HDT 1113)
- New template for Russia passport (HDT 1114)
- New template for Kansas (HDT 1118)
- New template for England passport (HDT 1130)
- New template for Bulgaria passport (HDT 1133)
- New template for Korea passport (HDT 1134)
- New template for Portugal passport (HDT 1115)
- New template for Sweden (HDT 1138)
- New template for Club Scan (HDT 1142)

### **Template enhancements:**

- Illinois 2D barcode improvements (HDT 305)
- Florida 2D barcode improvements (HDT 543, 843 & 1012)
- Italy improvements (HDT 763 & 970)
- Croatia ID improvements (HDT 800, 1041, 1079, 1092, 1127)
- Sry-lanka passport & UK visa improvements (HDT 809)
- Romania DL improvements (HDT 979)
- Ireland DL improvements (HDT 980)
- Spain improvements (HDT 994, 1042, 1051)
- Arizona 2D barcode improvements (HDT 1027)
- Belgium and Poland improvements (HDT 1044)
- Canada – Nova Scotia improvements (HDT 1074, 1090)



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

- Swiss improvements (HDT 1075)
- Austria passport improvements (HDT 1076, 1077)
- Serbia passport improvements (HDT 1102)
- British passport improvements (HDT 1082)
- Bosnia improvements (HDT 1083, 1100)
- New Mexico improvements (HDT 1086)
- Canada – Manitoba improvements (HDT 1088)
- Georgia improvements (HDT 1089)
- Cema Compliant improvements (HDT 1091)
- Wisconsin 2D barcode improvements (HDT 1093)
- Canada – Alberta improvements (HDT 1103)
- Wisconsin improvements (HDT 1108)
- Belgium improvements (HDT 1111, 1136)
- Nevada improvements (HDT 1115)
- Netherlands improvements (HDT 1123)
- Canada – British Colombia 2D barcode improvements (HDT 1124)
- Louisiana improvements (HDT 1126)
- UK improvements (HDT 1106, 1132, 1156)
- German ID improvements (HDT 1137)
- Canada – Saskatchewan improvements (HDT 1141)
- France improvements (HDT 1167)
- Bosnia passport improvements (HDT 1168)

**Bug fixing:**

- Scan empty cards (HDT 1096)
- Delete temp images from the temp directory after processing is complete.

**File modification:**

- AmericaIDs.bin
- EuropeIDs.bin
- UsaIDs.bin
- AmericaIDs.dat
- AsiaIDs.dat
- AustraliaIDs.dat
- CanadaIDs.dat
- EuropeBwIDs.dat
- EuropeIDs.dat
- EuropeSIDs.dat
- GeneralIDs.dat
- Passports.dat
- UsaIDs.dat
- Version.txt



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

- MRZlines.dat
- AfricaIDs.dat
- Snps\_AfricaIDs.dat
- Snps\_AmericaIDs.dat
- Snps\_AsiaIDs.dat
- Snps\_AustraliaIDs.dat
- Snps\_CanadaIDs.dat
- Snps\_EuropeBwIDs.dat
- Snps\_EuropeIDs.dat
- Snps\_EuropeSIDs.dat
- Snps\_GeneralIDs.dat
- Snps\_UsaIDs.dat
- ScanX.dll
- OCR\_PreProc.dll
- BarCode.dll
- IdCard.dll
- ScanWex.dll
- ImageCtrl.dll
- SLib.dll
- SOCRdll.dll
- NetScanWex.dll



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.23**

### **Date:**

April 15, 2007

### **Availability:**

<http://id-reader.com/ftp/applications/sdk/>

### **New Features:**

- Export to URL the fields Endorsements & Restrictions (HDT 1052)

### **New Templates:**

- New template for Serbia passport (HDT 955)
- New template for ClubScan (HDT 993)
- New template for Turkey (HDT 1016)
- New template for Canada (HDT 1033)
- New template for University (HDT 1035)
- New template for South Carolina (HDT 1040)
- New template for NT Canada (HDT 1049)
- New template for Victoria Australia (HDT 1050)
- New template for Norway passport (HDT 1053)
- New template for USA army (HDT 1073)

### **Template enhancements:**

- Romania improvements (HDT 960)
- California improvements (HDT 958)
- Spain improvements (HDT 988 & 1032 & 994 & 1042 & 1051)
- NT Australia improvements (HDT 1011)
- West Virginia improvements (HDT 1038)
- Wyoming improvements (HDT 1060)
- Colorado improvements (HDT 1061)
- Polish improvements (HDT 980)
- Nova Scotia Canada improvements (HDT 1074)

### **Bug fixing:**

- Fields conflicts when scanning Spain in duplex (HDT 985)
- Fujitsu scan size (HDT 1008)

### **File modification:**

- CanadaIDs.bin
- UsaIDs.bin



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

- AustraliaIDs.dat
- CanadaIDs.dat
- EuropeBwIDs.dat
- EuropeIDs.dat
- GeneralIDs.dat
- Passports.dat
- UsaIDs.dat
- Version.txt
- Slib.dll
- OCR\_PreProc.dll
- IdCard.dll
- BarCode.dll



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.22**

### **Date:**

March 12, 2007

### **Availability:**

<http://id-reader.com/ftp/applications/sdk/>

### **New Features:**

- Allow install multiply drivers during setup (HDT 997)
- Most of the drivers have been modified to be Vista compliant (HDT 974).

### **New Templates:**

- New template for Florida (HDT 995)
- New template for Texas (HDT 1023)
- New template for Ontario Canada (HDT 1024)

### **Template enhancements:**

- Canada Zip field improvements (HDT 969)
- Canada improvements (HDT 1009)
- Missouri improvements (HDT 991)
- Victoria Australia improvements (HDT 1010)
- NSW Australia improvements (HDT 1013)

### **File modification:**

- SLib.dll
- ScanX.dll
- OCR\_PreProc.dll
- NetScanWex.dll
- ImageCtrl.dll
- IdCard.dll
- UsaIDs.dat
- EuropeIDs.dat
- EuropeBwIDs.dat
- CanadaIDs.dat
- AustraliaIDs.dat
- UsaIDs.bin
- EuropeIDs.bin
- CanadaIDs.bin
- Version.txt



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.21**

### **Date:**

February 9, 2007

### **Availability:**

<http://id-reader.com/ftp/applications/sdk/>

### **New Features:**

- Calibration Monitoring SLib (HDT 935).
- Add Auto detection for CemaCompliant cards (HDT 942).
- Multiply Scanner drivers selection during setup.(HDT 997)

### **New Templates:**

- New template for Alaska Vertical License (HDT 940)
- New template for Chile (HDT 950)
- New template for North Dakota (HDT 954)
- New template for Taiwan passport (HDT 963)
- New template for Massachusetts (HDT 965)
- New template for Manitoba Canada (HDT 971)
- New template for Bahrain (HDT 973)
- New template for OCB cards (HDT 982)

### **Template enhancements:**

- Maryland improvements (HDT 953)
- Utah improvements (HDT 959)
- Rhode Island improvements (HDT 964)
- Florida improvements (HDT 966)
- Quebec Canada improvements (HDT 967)
- NT Australia card number improvements (HDT 968)
- Ontario improvements (HDT 969)
- Iowa improvements (HDT 976)
- Spain improvements (HDT 966)

### **Bug fixing:**

- Check OCR extraction (HDT 938)
- Massachusetts read as Costa-Rica (HDT 981)

### **File modification:**

- IdCard.dll



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

- SLib.dll
- ImageCtrl.dll
- Version.txt
- EuropeBwIDs.dat
- EuropeIDs.dat
- EuropeIDs.bin
- EuropeSIDs.dat
- Passports.dat
- UsaIDs.bin
- UsaIDs.dat
- EngRotDB.bin
- OCR\_PreProc.dll
- AustraliaIDs.dat
- AustraliaIDs.bin
- CanadaIDs.dat
- AmericaIDs.dat
- AmericaIDs.bin



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.20**

### **Date:**

January 9, 2007

### **Availability:**

<http://id-reader.com/ftp/applications/sdk/>

### **New Features:**

- SDK Support the new ScanShell 6000 camera.

### **New Templates:**

- New template for Hungarian passports (HDT 851)
- New template for Singapore (HDT 859)
- New template for Italian old ID (HDT 898)
- New template for Poland DL (HDT 909)
- New template for Utah (HDT 931)
- New template for USA Army card (HDT 933)
- New template for Northern Territory age card (HDT 939)
- New template for USA Cema Compliant card (HDT 942)
- New template for Chile (HDT 950)
- New template for North Dakota (HDT 954)
- New template for Massachusetts (HDT 965)
- New template for United Arab Emirates passports (HDT 955)

### **Template enhancements:**

- Netherlands improvements (HDT 914)
- California improvements (HDT 916 & 919)
- Maryland improvements (HDT 920 & 953)
- Vermont improvements (HDT 925 & 948)
- Spain DL improvements (HDT 927)
- Australia NSW improvements (HDT 929)
- England DL improvements (HDT 915)
- Ontario Canada improvements (HDT 930)
- Spain passport improvements (HDT 936)
- Israel passport improvements (HDT 937)
- Victoria Australia improvements (HDT 944 & 947)
- Old Italian DL improvements (HDT 945)
- Delaware improvements (HDT 952 & 960)
- Florida improvements (HDT 966)



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

- Quebec Canada improvements (HDT 967)

**Bug fixing:**

- Scanning progress bar is on top (HDT 867)

**File modification:**

- IdCard.dll
- Parser.dll
- SOCRdll.dll
- BarCode.dll
- SLib.dll
- ScanWex.dll
- ImageCtrl.dll
- Version.txt
- EuropeBwIDs.dat
- EuropeIDs.dat
- EuropeIDs.bin
- EuropeSIDs.dat
- Passports.dat
- UsaIDs.bin
- UsaIDs.dat
- EngRotDB.bin
- OCR\_PreProc.dll
- AustraliaIDs.dat
- AustraliaIDs.bin
- CanadaIDs.dat
- AmericaIDs.dat
- AmericaIDs.bin



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.19**

### **Date:**

December 7, 2006

### **Availability:**

<http://id-reader.com/ftp/applications/sdk/>

### **New Features:**

- SDK Support the new ScanShell 6000 camera.

### **New Templates:**

- New template for Guam (HDT 890)
- New template for West Virginia (HDT 912)

### **Template enhancements:**

- California improvements (HDT 916)
- Vermont improvements (HDT 925)
- NSW Australia improvements (HDT 929)
- Croatia passport improvements (HDT 894)
- Maryland improvements (HDT 907)
- Tennessee improvements (HDT 923, 896)
- Illinois improvements (HDT 924)

### **Bug fixing:**

- Scan progress bar will be on top (HDT 867)
- Fixed bug in the function State2id in the ScanW.dll or GetStateByName in the idCard.dll.
- Magnetic reader USB port was not released (HDT 903)

### **File modification:**

- IdCard.dll
- SOCRdll.dll
- BarCode.dll
- SLib.dll
- ScanWex.dll
- Version.txt
- EuropeBwIDs.dat
- EuropeIDs.dat
- EuropeIDs.bin



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

- EuropeSIDs.dat
- Passports.dat
- UsaIDs.bin
- UsaIDs.dat
- OCR\_PreProc.dll
- ScanX.dll
- GeneralIDs.dat
- NetScanWex.dll (.Net wrapper)
- AfricaIDs.dat
- AfricaIDs.bin



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.18**

### **Date:**

October 26, 2006

### **Availability:**

<http://id-reader.com/ftp/applications/sdk/>

### **New Features:**

- Scan full image and extract only the MRZ lines as raw data (HDT 727)
- SigniShell SDK supports the new SigniShell LCD pad (HDT 793)
- New field extraction from supported passports "Place of birth" (HDT 844)
- New help document about ScanX.dll (HDT 873)

### **New Templates:**

- New DL template added for Hungary (HDT 671)
- New DL and ID templates for Slovakia (HDT 784)
- New ID template for Spain (HDT 808)
- New DL and ID templates for Lithuania (HDT 810)
- New Passport template for Austria (HDT 812)
- New ID template for Kosovo (HDT 814)
- New Pension card template for NSW (HDT 822)
- New ID template for CT (HDT 830)
- 3 New Passport templates for Croatia, Slovenia and Ireland (HDT 837)
- New DL template for NT Australia (HDT 841)
- New DL template for NSW Australia (HDT 842)
- New ID template for Bulgaria (HDT 848)
- 2 New DL template for NY (HDT 886)

### **Template enhancements:**

- Netherlands ID improvements (HDT 735)
- UK DL improvements (HDT 781)
- Poland ID + DL improvements (HDT 783, 874 & 876)
- Quebec Canada second line of the name reading (HDT 803)
- Belgium old ID improvements (HDT 817)
- Germany improvements (HDT 831)
- Wisconsin DL improvements (HDT 854)
- Florida DL improvements (HDT 856)
- Spain passport improvements (HDT 871)
- Victoria Australia DL improvements (HDT 880)



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

- Spain new DL improvements (HDT 881)
- Tennessee DL improvements (HDT 896)

#### **Bug fixing:**

- All the SDK PDF files have been updated (HDT 782, 821, 872)
- GetPassportFaceImgBuffer function will now save the image according to given file format (HDT 885)
- Timg.bmp removed from temp folder (HDT 888)

#### **File modification:**

- IdCard.dll
- Parser.dll
- SOCRdll.dll
- BarCode.dll
- SLib.dll
- ScanWex.dll
- Version.txt
- EuropeBwIDs.dat
- EuropeIDs.dat
- EuropeIDs.bin
- EuropeSIDs.dat
- Passports.dat
- UsaIDs.bin
- UsaIDs.dat
- OCR\_PreProc.dll
- ScanX.dll
- GeneralIDs.dat
- NetScanWex.dll (.Net wrapper)
- MRZlines.dat (New file)
- AsiaIDs.dat
- AsiaIDs.bin
- AustraliaIDs.dat



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.17**

### **Date:**

September 18, 2006

### **Availability:**

<http://id-reader.com/ftp/applications/sdk/>

### **New Features:**

- “beforcrop.bmp” and “aftercrop.bmp” moved from C:\ to C:\windows\temp (HDT 746)
- ScanShell 900 (Magnetic Reader) add to pre-install hardware (HDT 689)

### **New Templates:**

- 2 new templates added for Spain (HDT 718)
- support for OCB Cards under General documents (HDT 819)

### **Template enhancements:**

- Iowa improvements (HDT 806)
- Automatic detection for Illinois improved (HDT 791)
- Army cards improvement (HDT 832)
- Australia dates in correct order (HDT 820)
- Age Verification for Australia improved (HDT 816)

### **Bug fixing:**

- Conflict between general document text file and ID text file (HDT 687)
- Fixed auto detection for Norwegian
- Fixed resolution bug for application MedicScan (HDT 833)
- Fix bug for switch /MI for application MedicScan (HDT 834)

### **File modification:**

- Version.txt
- EuropeIDs.dat
- EuropeSIDs.dat
- EuropeBwIDs.dat
- CanadaIDs.dat
- AustraliaIDs.dat
- UsaIDs.dat
- GeneralIDs.dat



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

- EuropeIDs.bin
- Lib1.lib
- Lib2.lib
- WebExp.dll
- SOCRdll.dll
- IdCard.dll
- OCR\_PreProc.dll
- Slib.dll
- Passports.dat



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.16**

### **Date:**

July 27, 2006

### **Availability:**

SDK Package:

SDK Setup only:

### **New Features:**

- Support ScanShell 5000 scanner.
- Support ScanShell 3000D scanner
- New function DetectProcessDuplex in the ScanWex.dll at idData class.
- New function DetectProcessAndCompare in the ScanWex.dll at idData class
- New Property in the SLib: Duplex.
- New Property in the SLib: InOutScan.
- Add image scanner stamp for BMP (in addition to the existing JPG)
- 2 new files will be added to the setup "NetScanW.dll" and "NetScanWex.dll", these files are the .Net wrappers for ScanW.dll and ScanWEX.dll.
- Load the OCR dynamically.

### **New Templates:**

- New Spanish templates (HD Ticket no. 718).
- New Mexico 7 templates (HD Ticket no. 717).
- New Croatia templates (HD Ticket no. 727).
- New USA Army card templates (HD Ticket no. 729).
- New Norway id templates (HD Ticket no. 676).
- New Wyoming template (HD Ticket no. 739).
- New Czech template (HD Ticket no. 725).
- New Puerto Rico template (HD Ticket no. 774).
- New Bosnia templates (HD Ticket no. 776).
- New Hungary templates (HD Ticket no. 671).
- New USA Maine templates (HD Ticket no. 790).
- USA Puerto Rico fire arm templates (HD Ticket no. 795).

### **Template enhancement:**

- Enhanced Spain template (HD Ticket no. 726).
- Enhanced Swiss template (HD Ticket no. 715 & 760 & 732).
- Enhanced Belgium passport template (HD Ticket no. 730).
- Enhanced Netherlands ID template (HD Ticket no. 735).
- Enhanced France ID template (HD Ticket no. 740).
- Enhanced Florida template (HD Ticket no. 741).



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

- Enhanced UK citizen card template (HD Ticket no. 748).
- Enhanced Spain ID template (HD Ticket no. 764 & 761 & 754 & 744).
- Enhanced Croatia ID template (HD Ticket no. 767 & 721).

**Fixed bugs:**

- Fixed extraction of the signature in Australia - Victoria (HD Ticket no. 756).
- Fixed magnetic data reading from New Mexico (HD Ticket no.731).

**File Modification:**

- idCard.dll
- ImageCtrl.dll
- OcrPreProc.dll
- ScanWex.dll
- SLib.dll
- SOCRdll
- BarCode.dll
- ScanX.dll
- \*.dat
- \*.bin



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.14**

### **Date:**

May 7, 2006

### **Availability:**

SDK Package:

SDK Setup only:

### **New Features:**

- Support ScanShell 3000 scanner.
- New function GetFaceImageBuffer in the ScanWex.dll at idData class (HD Ticket no. 695).
- New folder in the SDK Package: "PreInstallDrivers" (HD Ticket no. 680).

### **New Templates:**

- New 3 University templates (HD Ticket no. 701 & 665).
- New Mexico template (HD Ticket no. 700).
- New Australia – KeyPass template (HD Ticket no. 696).
- New Texas template (HD Ticket no. 678).
- New Wyoming template (HD Ticket no. 677).
- New Wisconsin template (HD Ticket no. 669).
- New Quebec Canada template (HD Ticket no. 666).

### **Template enhancement:**

- Enhanced Illinois ID (HD Ticket no. 699).
- Enhanced UK zip code (HD Ticket no. 685).
- Enhanced Italian back side ID (HD Ticket no. 675).
- Enhanced Spanish ID (HD Ticket no. 670).

### **Fixed bugs:**

- Fixed the duplicate last name using the ScanW.dll (HD Ticket no. 694).
- Fixed Zip code in Quebec Canada cards (HD Ticket no. 692).
- Fixed missing property Country (HD Ticket no. 684).
- Fixed bug in detecting left/right barcode (HD Ticket no. 668)

### **File Modification:**

- idCard.dll
- Parser.dll
- ImageCtrl.dll
- OcrPreProc.dll
- ScanWex.dll



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

- SLib.dll
- SOCRdll
- BarCode.dll
- ScanX.dll
- \*.dat
- \*.bin



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.13**

### **Date:**

April 8, 2006

### **Availability:**

SDK Package:

SDK Setup only:

### **New Features:**

- Support ScanShell 5000 scanner.

### **New Templates:**

- New Bulgaria template (HD Ticket no. 657).
- New Mississippi template (HD Ticket no. 660).
- New Colorado template (HD Ticket no. 662).
- New 2 Army cards template (HD Ticket no. 664)
- New Singapore template (HD Ticket no. 646)
- New University template (HD Ticket no. 665)
- New Quebec template (HD Ticket no. 666)
- New Wisconsin template (HD Ticket no. 669)
- New Wyoming template (HD Ticket no. 677)
- New Texas template (HD Ticket no. 678)

### **Template enhancement:**

- Enhanced Spanish ID & IX cards (HD Ticket no. 670).
- Enhanced China Names (HD Ticket no. 631).

### **Fixed bugs:**

- Fixed the accuracy in Mexican cards.

### **File Modification:**

- idCard.dll
- ImageCtrl.dll
- Parser.dll
- OcrPreProc.dll
- ScanWex.dll
- SLib.dll
- SDK Fields Assignment.pdf
- \*.dat
- \*.bin



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.12**

### **Date:**

March 21, 2006

### **Availability:**

SDK Package:

SDK Setup only:

### **New Features:**

- New PDF document in the SDK setup ("SDK Fields assignment.pdf") that explains the fields assignments relations, fields on the card -> fields in the SDK (HD Ticket 584).
- New file ScanX.dll (VB com dll) a wrapper for the ScanW.dll (HD Ticket 585).
- Romanian special characters are now supported (HD Ticket 582).
- Passports support Unicode characters.

### **New Templates:**

- New Usa pilots card template (HD Ticket no. 418).
- New template Fiji (HD Ticket no. 539).
- New template Cook Islands (HD Ticket no. 539).
- New template Swiss (HD Ticket no. 540).
- New format in Mexico (HD Ticket no. 545).
- New format in Malaysia (HD Ticket no. 548).
- New template Access cards (HD Ticket no. 567).
- New formats and templates in Turkey (HD Ticket no. 571).
- New format in Mexico (HD Ticket no. 576).
- New passport template Netherlands (HD Ticket no. 589).
- New China – Hong Kong ID template (HD Ticket no. 595).
- New Alabama ID template (HD Ticket no. 607).
- New Italy ID back template (HD Ticket no. 616).
- New template Access cards (HD Ticket no. 628).
- New template Quebec Canada (HD Ticket no. 629).
- New template Alabama (HD Ticket no. 633).

### **Template enhancement:**

- Enhanced Reading British Colombia (HD Ticket no. 232).
- Enhanced Reading New Jersey (HD Ticket no. 533).
- Enhanced Reading Australia NSW (HD Ticket no. 537).
- Enhanced Reading New Zealand (HD Ticket no. 539).
- Enhanced Reading Tasmania (HD Ticket no. 540).
- Enhanced Reading Mexico and auto detection (HD Ticket no. 546).
- Enhanced Reading Washington (HD Ticket no. 562).



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

- Enhanced Reading Army cards (HD Ticket no. 566).
- Enhanced Reading Netherlands ID (HD Ticket no. 573).
- Enhanced Reading Polish ID (HD Ticket no. 574).
- Enhanced Reading French ID (HD Ticket no. 575).
- Enhanced Reading German ID (HD Ticket no. 579).
- Enhanced Reading Italian passport (HD Ticket no. 583).
- Enhanced Reading Massachusetts DL (HD Ticket no. 596).
- Enhanced Reading Passports in Europe (HD Ticket no. 593)
- Enhanced Reading Spanish DL (HD Ticket no. 599).
- Enhanced Reading German ID back (HD Ticket no. 618).
- Enhanced Reading German DL back (HD Ticket no. 619).
- Enhanced Reading Portuguese ID back (HD Ticket no. 621).
- Enhanced Reading Spanish ID back (HD Ticket no. 622).
- Enhanced Reading Army cards (HD Ticket no. 630).
- Enhanced Reading New Zealand (HD Ticket no. 639).
- Enhanced Reading New York (HD Ticket no. 650).
- Enhanced Reading Queensland Australia (HD Ticket no. 655).

#### **Fixed bugs:**

- City, state & zip in the address field at magnetic cards of BC (HD Ticket 578).
- Field Passport Number in the Israeli passport exported to the second position in the export file (HD Ticket 594).
- Converting image 600 DPI to 300 DPI with Gray color caused a crash of the system (HD Ticket 648).

#### **File Modification:**

- idCard.dll
- ImageCtrl.dll
- Parser.dll
- OcrPreProc.dll
- ScanWex.dll
- SLib.dll
- ScanX.dll
- SDK Fields assignement.pdf
- \*.dat
- \*.bin



## **Update Version 9.11**

### **Date:**

Feb 8, 2006

### **Availability:**

SDK Package: <http://64.52.16.155/sdk/SDK.zip>

SDK Setup only: [http://64.52.16.155/sdk/SDK\\_Setup.exe](http://64.52.16.155/sdk/SDK_Setup.exe)

### **New Features:**

- Hardware installation included in software setup (HD Ticket no. 572).
- Text file export to FTP with changing file name [idScan] (HD Ticket no. 534).
- ImageDispakle function - Add capability to filter/clean dots from BW image.

### **New Templates:**

- New Entertainment card in Atlanta template (HD Ticket no. 554).
- New North Carolina DL (HD Ticket no. 555)
- New Croatia ID front and back sides) templates (HD Ticket no. 551).
- New General card (For Raptor) template (HD Ticket no. 564).

### **Template enhancement:**

- Enhanced Restriction extraction in Nevada DL (HD Ticket no. 538).
- Enhanced Middle name extraction in Alabama DL (HD Ticket no. 541).
- Enhanced Reading Alaska DL (HD Ticket no. 569).
- Enhanced Reading Iowa DL (HD Ticket no. 544).
- Enhanced Reading Poland DL back side (HD Ticket no. 574).
- Enhanced Reading Missouri DL (HD Ticket no. 556).
- Enhanced Reading Kansas DL (HD Ticket no. 557).
- Enhanced Reading Georgia DL (HD Ticket no. 558).
- Enhanced Reading Kentucky DL (HD Ticket no. 559).
- Enhanced Reading Mississippi DL (HD Ticket no. 560).
- Enhanced Reading New Mexico DL (HD Ticket no. 561).
- Enhanced Reading USA passport including issue date (HD Ticket no. 552).
- Enhanced Reading Maryland (HD Ticket no. 568).
- Enhanced Reading Georgia auto detection (HD Ticket no. 535).

### **Fixed bugs:**

- Saving jpg under 300 dpi in the original colors (HD Ticket no. 570).

### **File Modification:**

- idCard.dll
- ImageCtrl.dll
- Parser.dll



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

- OcrPreProc.dll
- ScanWex.dll
- SLib.dll
- \*.dat
- \*.bin

## **Update Version 9.10**

### **Date:**

Jan 17, 2005

### **Availability:**

<http://www.id-scan.com/FTP/Applications/SDK/SDK.zip>

### **New Templates:**

- New Spain DL front template.
- New Italy ID (back side) and France ID (back) templates.

### **New Features:**

- Added de-speckle filter capability to BW images to remove random dots from image.
- Added auto detection between European DL and passports.

### **Template enhancement:**

- Enhanced Mother Name extraction in Portugal DL.
- Fixed ZIP extraction in Queensland – Australia.

### **New Files:**

- Passport.dat

### **File Modification:**

- idCard.dll
- ImageCtrl.dll
- OcrPreProc.dll



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

- Slib.dll
- WebExp.dll
- \*.dat
- \*.bin



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.9**

### **Date:**

Dec 6, 2005

### **Availability:**

<http://www.id-scan.com/FTP/Applications/SDK/SDK.zip>

### **New Templates:**

- Added new Wisconsin DL template (HDT527).
- Added support for the new Alabama vertical DL (HDT 518).
- Added support for the new NY DL auto detection (HDT 520).
- Added magnetic strip reading for Ontario and British Columbia (HDT 511)
- Added new format for Idaho (HDT 517).
- Added support for Indonesia DL template.
- Added support to auto-detect between European passport and driver license.

### **Template enhancement:**

- Added support for the new Ohio name and height formats implemented starting from 2005 on the magnetic strip data (HDT 524).

### **Fixed bugs:**

- Washington 2D barcode date reading is fixed (HDT530).
- Fixed date extraction in Florida (HDT 510).

### **File Modification:**

- idCard.dll
- OcrPreProc.dll
- ScanWex.dll
- Slib.dll
- Barcode.dll
- Parser.dll
- \*.dat
- \*.bin



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.8**

### **Date:**

Nov 7, 2005

### **Availability:**

<http://www.id-scan.com/FTP/Applications/SDK/SDK.zip>

### **New Templates:**

- New DL template added for Australia Capital Territory (Australia).
- New Crowd Control template added for Victoria (Australia).

### **Template enhancement:**

- Enhanced Address extraction for Arizona's old DL.
- Enhanced Address extraction for new New-Jersey DL.
- Reading enhancement for United Kingdom DL.
- Reading enhancement for Spain DL.

### **Fixed bugs:**

- Fixed bug of saving BW images in TIF mode.

### **New features:**

- Added country\state id to name conversion in 2 and 3 character symbols according to ISO 3166 (functions *id2Country2* and *Id2Country3*)
- Added a function to get a copy of the internal image buffer into a local memory buffer in any of the following formats: BMP, JPG, PNG, PSC, TIF, PCX and TGA.

### **File Modification:**

- idCard.dll
- imageCtrl.dll
- ScanWex.dll
- Slib.dll



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.7**

### **Date:**

Oct 5, 2005

### **Availability:**

<http://www.id-scan.com/FTP/Applications/SDK/SDK.zip>

### **New Templates:**

- Kansas, Alabama, Washington DC, Oklahoma (vertical DL) and Missouri new DL formats.
- Added new NSW (Australia) DL format.
- Supporting reading El Salvador passports as standard DL document for rapid reading.
- Added new Alaska DL and Oklahoma CDL format
- Added new Texas Offender card.
- Added support for Panama elector card.

### **Template enhancement:**

- Improved date reading on Delaware DL.
- Added support for reading Peru ID MRZ section.
- Enhanced name reading from Oregon DL.
- Enhanced ZIP code extraction for Maryland DL.

### **Fixed bugs:**

- Fixed bug in reading BW images.
- Removing extra dashes in Wisconsin license number field.

### **New features:**

- Adding support for scanning with Fujitsu F-60 scanner (fast passport scanner).

### **File Modification:**

- BarCode.dll
- idCard.dll
- imageCtrl.dll
- Slib.dll



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

- SOCRdll.dll
- OCR\_PreProc.dll
- AmericaIDs.bin
- AsiaIDs.bin
- AustraliaIDs.bin
- CanadaIDs.bin
- **EngOcrDB.bin**
- EngRotDB.bin
- EuropeIDs.bin
- UsaIDs.bin
- **AmericaIDs.dat**
- **GeneralIDs.dat**
- **PilotIDs.dat**
- **UsaIDs.dat**
- **AustraliaIDs.dat**

Note: The file marked in blue color are new files in the SDK file set.



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.5**

### **Date:**

July 1, 2005

### **Availability:**

<http://www.id-scan.com/FTP/Applications/SDK/SDK.zip>

### **New Templates:**

- Supporting South Africa driver license.
- Added support for night club id (Purple 3 – UK).
- Added Wide char support for non-English languages infrastructure.

### **Template enhancement:**

- Improved DOB detection in Ontario DL.

### **New features:**

- Exposing Driver license Country name (full name and abbreviated name).

### **File Modification:**

- BizLib.dll
- CheckLib.dll
- EuropeIDs.bin
- IdCard.
- Ocr\_PreProc.dll
- Parser.dll
- SOCRdll.dll
- UsaIDs.bin
- SLib.dll
- ScanWex.dll



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.4**

### **Date:**

June 1, 2005

### **Availability:**

<http://www.id-scan.com/FTP/Applications/SDK/SDK.zip>

### **New Templates:**

- New vertical Illinois driver license (under 21) template.
- Puerto Rico driver license
- Portugal identity card.
- US Army Installation card
- New South Wales (Australia) new driver license template.

### **Template enhancement:**

- Improved DOB detection in California DL.
- Enhanced license detection for Maryland.
- Improved detection for Romanian and UK Ids.

### **New features:**

- Support for 1D barcode detection.

### **File Modification:**

- BarCode.dll
- BizLib.dll
- CheckLib.dll
- EuropeIDs.bin
- IdCard.
- ImageCtrl.dll
- Lib0.lib
- Ocr\_PreProc.dll
- ScanEx.dll
- UsaIDs.bin
- ScanWex.dll



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.2**

### **Date:**

March 31, 2005

### **Availability:**

<http://www.id-scan.com/FTP/Applications/SDK/SDK.zip>

### **New Templates:**

- New Iowa (vertical card), Illinois, Minnesota and West Virginia driver license
- Poland identity card and driver license.
- Added initialization flag to indicate if the SDK is already loaded by another application.
- Added support for European MRZ reading (Italy, France, Germany, Poland, Spain).
- Added support for Costa Rica and Peru.

### **Template enhancement:**

- Michigan age reading improvement.
- Improved analysis for Mexican "Credencial Para Votar" card.
- Added support for reading UK driver license in GRAY color (faster scan).

### **New features:**

- Added support for ScanShell2000 and ScanShell2000N (A4 paper size).
- Exporting MRZ from DL to SDK fields FIELD\_TEXT1-2-3

### **File Modification:**

- IdCard.dll (version 7.6.8)
- Ocr\_PreProc.dll (version 20.2.0.9)
- Slib.dll (Version 7.6.2.0)
- ScanEx.dll (9.2.0.0)



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 9.1**

**Date:**

Jan 23, 2005

**Availability:**

<http://www.id-scan.com/FTP/Applications/SDK/SDK.zip>

**New Templates:**

- USA employment card.
- Oklahoma – under 21 new driver license.
- Poland identity card and driver license.
- Turkey driver license.
- Italy identity card and driver license.

**Template enhancement:**

- New Mexico – improved auto detection.

**File Modification:**

- IdCard.dll (version 7.6.3)
- Ocr\_PreProc.dll (version 1.18.0.8)
- Parser.dll (version 7.4.9)
- Slib.dll (Version 7.6.0)
- Socr.dll (Version 7.3.0)
- ScanwEx Version (9.0.0.)



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

## Update Version 9.0

**Date:**

Nov 23, 2004

**Availability:**

<http://www.id-scan.com/FTP/Applications/SDK/SDK.zip>

**New Templates:**

- USA universities student ID (UMASS, Boston Un., Emerson Clg., Harvard Un., Northeastern Un., Suffolk Un.).
- Italy driver license
- Sweden driver license.

**Template enhancement:**

- Enhanced detection for Manitoba driver license (Canada).
- Enhanced detection for Hawaii driver license (USA).
- Enhanced detection for Florida old and new driver license (USA).
- Enhanced detection for Maryland driver license (USA).

**Bug fix:**

- Fixed reading SEX fields in New York driver license.

**File Modification:**

- IdCard.dll (version 7.6.1)
- Ocr\_PreProc.dll (version 0.17.0.14)
- Parser.dll (version 7.4.8)
- Slib.dll (Version 7.5.0)



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 8.16**

### **Date:**

Oct 13, 2004

### **Availability:**

<http://www.id-scan.com/FTP/Applications/SDK/SDK.zip>

### **New Features:**

- Scanning document while detecting the document size automatically: By setting the scan width and height to -1 the function ScanToFile\ScanToFileEx automatically detects the document size and crop the image accordingly. The detected document dimensions are loaded after the scan into the scan Height and Width properties.
- Support vertical bar code reading (PDF 417).

### **Template enhancement:**

- Support vertical barcode reading in USA military driver license.
- Enhancement Texas.
- Enhancement Oklahoma.
- Enhancement Michigan vertical license.
- Enhancement Delaware.
- Enhancement North Carolina.
- Enhancement Army 2D Barcode.
- Auto rotation of 2D Barcode.
- Enhancement for NJ 2D Barcode.
- Enhancement Arizona Vertical license.
- Added Support for the Bahamas.
- Enhancement/support for New York.
- Europe: Enhanced reading for: Germany (ID cards), United Kingdom (DL card), and Romania (ID card + DL card).

### **Bug fix:**

- Fixed NAME reading from German ID cards.

### **File Modification:**

- IdCard.dll (version 7.5.14)
- Ocr\_PreProc.dll (version 160.0..5)



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

- Parser.dll (version 7.4.7)
- Slib.dll (Version 7.4.7)
- Barcode.dll (Version 7.3.3)



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 8.15**

### **Date:**

Aug 19, 2004

### **Availability:**

<http://www.id-scan.com/FTP/Applications/SDK/SDK.zip>

### **New Features:**

- The SDK now support the organization of the countries into REGIONS. This new feature helps automating the countries auto-detection according to geographical location (North America, South America, Europe, etc) and in the near future into continents. This SDK extension is implemented in the library ScanWEx dll.

### **New Templates:**

- Added new driver license templates for Missouri (USA) over and under 21.
- Added new driver license templates for Oregon (USA).
- Added old driver license templates for Minnesota (USA).
- Added new driver license templates for Louisiana (USA).
- Added new driver license templates for Florida (USA).
- Added new driver license templates for Swiss (Europe).

### **Template enhancement:**

- Nevada driver license – added “Issued date” reading.
- Illinois driver license – corrected the conversion of the letters “LI” into “U”.
- Ohio driver license – added extraction of “Weight” and “Height” fields.

### **Bug fix:**

- Fixed reading magnetic strip from Minnesota driver license.

### **File Modification:**

- IdCard.dll (version 7.5.13)
- Ocr\_PreProc.dll (version 150.0..12)
- Parser.dll (version 7.4.5)
- Slib.dll (Version 7.4.5)
- SOCRdll.dll (Version 7.2.4)
- Barcode.dll (Version 7.3.2)
- New UsaIDs.bin



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

**New Added Files:**

- AsiaIDs.bin
- AustraliaIDs.bin
- CanadaIDs.bin



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 8.14**

### **Build Number.:**

8.14

### **Date:**

Jun 28, 2004

### **Availability:**

<http://www.id-scan.com/FTP/Applications/SDK/SDK.zip>

### **New Templates:**

- Added new templates for Holland, Norway, Luxembourg, New Zealand, Australian Northern Territory and Victoria (Australia).

### **Template enhancement:**

- Fixed the detection of the SEX field for Virginia.
- Added custom reading for Ohio driver license magnetic stripe.
- Improved the reading of Kentucky driver license (ZIP field fix).
- Added support for date fields that contains the values 99,88 and 00 on magnetic stripe.

### **File Modification:**

- IdCard.dll (version 7.5.12)
- Ocr\_PreProc.dll (version 140.0..10)
- Parser.dll (version 7.4.4)
- Slib.dll (Version 7.4.4)
- SOCRdll.dll (Version 7.2.3)
- WebExp.dll (version 7.2.3)
- New UsaIDs.bin



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 8.13<sup>1</sup>**

**Build Number.:**  
8.13

**Date:**  
Jun 7, 2004

**Availability:**  
<http://www.id-scan.com/FTP/Applications/SDK/SDK.zip>

### **Template enhancement:**

- Added new template for Oregon.
- Enhanced detection for NYPD id.
- Added new template for Singapore IC cards.
- Fixed a bug in barcode detection.

### **File Modification:**

- IdCard.dll (version 7.5.11)
- Ocr\_PreProc.dll (version 130.0..2)
- BarCode.dll (version 7.3.1)
- WebExp.dll (version 7.2.2)
- New UsaIDs.bin

---

<sup>1</sup> SDK Version 8.12 has not been released.



6167 Bristol Parkway STE 330, Culver City, CA. 90230

Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 8.11**

**Build Number.:**

8.11

**Date:**

May 18, 2004

**Availability:**

<http://www.id-scan.com/FTP/Applications/SDK/SDK.zip>

**Template enhancement:**

- Added support for Bermuda driver's license.
- Added support for Singapore driver's license, ID and Work Permit.

**File Modification:**

- IdCard.dll (version 7.5.10)
- Ocr\_PreProc.dll (version 110.0..0)



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 8.10**

**Build Number.:**  
8.10

**Date:**  
May 11, 2004

**Availability:**  
<http://www.id-scan.com/FTP/Applications/SDK/SDK.zip>

### **Template enhancement:**

- Improvement of the PDF 417 barcode analyzer engine.
- Added new template for Missouri state.
- Added support for Romanian driver's license and ID document.

### **File Modification:**

- Barcode.dll (version 7.3.0)
- IdCard.dll (version 7.5.9)
- Parser.dll (version 7.4.3)
- SOCRdll.dll (version 7.2.2)
- Ocr\_PreProc.dll (version 10.0.0.1)



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 8.9**

**Build Number.:**  
8.9

**Date:**  
Apr 28, 2004

**Availability:**  
<http://www.id-scan.com/FTP/Applications/SDK/SDK.zip>

### **Template enhancement:**

- Added and improved template detection for:
  - Illinois
  - Tennessee
  - Arkansas
  - Mississippi
  - Ohio
  - Louisiana
  - New York
  - Pennsylvania.
- Added Mexican voter card to the USA auto-detected card pool.
- Improved card alignment detection.



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 7.8**

### **Build Number.:**

7.8

### **Date:**

March 30, 2004

### **Availability:**

<http://www.id-scan.com/FTP/Applications/SDK/SDK.zip>

### **New Features:**

- Enhanced the integration with VB environment - Added the capability to accept VBNullString (or empty string) wherever an empty string is expected.

### **Template enhancement:**

- Added Texas handgun license id detection.
- Added old Ohio driver's license template
- Improved the analysis of Expiration Date from Ohio's driver's license.

### **Fixed Bugs:**

- For Windows2K server: Added automatic creation of calibration folder per each user environments.
- Fixed name parsing for Arkansas driver's license.
- Image manipulation: Image conversion used to influence the internal image buffer. This was fixed by isolating the processed image.

### **File Modification:**

- IdCard.dll (version 7.5.6)
- ImageCtrl.dll (version 7.3.2)
- Slib.dll (version 7.4.2)
- Parser.dll (version 7.4.1)



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 7.5**

**Build Number.:**  
7.5.0

**Date:**  
March 5, 2004

**Availability:**  
<http://www.id-scan.com/FTP/Applications/SDK/SDK.zip>

### **New Features:**

Added the capability to control the way data is exported to the WEB:

- Controlling the label-data separator
- Deciding if to use the same browser or activating a new one for export.

Improved linkage with signature template file (added version detection to the file).

### **Template enhancement:**

Enhanced detection of CT and NJ (from 93% to 99% accuracy).

Added German ID template support.

### **Fixed Bugs:**

Corrected image opening from TIFF format.

### **File Modification:**

IdCard.dll (version 7.5.2)

Ocr\_PreProc.dll (version 5.0.0.5)

ImageCtrl.dll (version 7.3.0)

WebExp.dll (version 7.1.0)

UsaIDs.bin (file size: 1,189,042 bytes, File modification date: Mar. 10, 2004)



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 7.4**

### **Build Number.:**

7.4.0

### **Date:**

March 3, 2004

### **Availability:**

<http://www.id-scan.com/FTP/Applications/SDK/SDK.zip>

### **New Template support:**

- Added old Maine driver's license template list.
- Added Social Security card to auto-detection mode.
- Added Military driver's license card to auto-detection mode.
- Added Permanent Resident (Green Card) to auto-detection mode.
- Added new NJ template.
- Added new Rhode Island templates.
- Added new Oklahoma driver's license template.
- Added support for Spain driver's license\Id card.

### **Fixed Bugs:**

- When scanning a file with different properties from the default parameters (300dpi, True-Color) the scan would create a temporary image file with the extension BMP. This image is now removed automatically and the result image parameters are as requested.



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 7.3**

**Build Number.:**

7.3.0

**Date:**

Feb 23, 2004

**Availability:**

<http://www.id-scan.com/FTP/Applications/SDK/SDK7.3.zip>

**New Template support:**

- Added two more templates to VIRGINIA driver's license template list.
- Added Kentucky to the driver's license auto-detection mode.
- Added GERMAY driver's license template.

**Fixed Bugs:**

- Fixed license number reading in Virginia Driver's license (added that capability to read mixed letters and numbers).
- Fixed "Float divide by zero" error message.



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

## **Update Version 7.2**

**Build Number.:**

7.2.0

**Date:**

Feb 9, 2004

**Availability:**

<http://www.id-scan.com/FTP/Applications/SDK/SDK7.2.zip>

**New features new in the build:**

- Added auto rotation support for USA driver's license.
- Add a function that returns which of the three buttons in ScanShell1000 was pressed.
- Wrapping scanner library with a semaphore to prevent multiple access to the scanner. Such operation will return the error SLIB\_ERR\_SCANNER\_BUSSY.

**New Template support:**

- Added support for USA Army identification cards.
- Added support for Social Security cards.
- Added support for Brazil id cards.
- Added support for Israel driver's license cards.
- Added support for Texas driver's license (under 21).
- Added support for Washington driver's license (under 21).
- Added support for Washington driver's license (Old format).
- Improved Kentucky driver's license detection.
- Improved Kansas driver's license detection.
- Improved Green Card detection.

**Fixed Bugs:**

- Fixed reading drivers license magnetic strip for states that use letter as a first character.
- Fixed bug in detection of dates in new Alberta (Canada) driver license.
- Passport face extraction fixed.
- Fixed the ScanShell800 cleaning paper removal problem.



6167 Bristol Parkway STE 330, Culver City, CA. 90230  
Phone: 213-867-2625, Fax: 419-735-2419

---

**Known problems:**

None.

**Added files:**

The following files were added to the SDK file set:

- *EngRotDB.bin*