



Accurately identifying individuals is mission critical.
Build Biometrically Encoded Badges Quickly and Easily

EPI Builder's components enable developers to add all aspects of ID functionality into applications; including the ability to:

- Capture images and biometric data
- Custom design secure IDs with graphics, backgrounds, logos and more
- Encode magnetic strips, bar-codes, and smart chips with text, images and/or biometric data in-line with the printing process
- Print IDs or other credentials such as passports
- Store, manage, and retrieve cards and card-holder information
- Conduct background checks before cards are issued

Software for **custom identification solutions** or to incorporate sophisticated identification capabilities into existing applications.

Why add biometric traits to credentialing?

“Biometric traits cannot easily be shared with others, which leads information security and IAM leaders to use them where individual accountability is paramount.”¹

GARTNER

EPI Builder is a Software Development Kit (SDK)

Designed specifically for high-end credentialing applications, EPI Builder is used for the creation, production, and management of highly-secure credentials. These include: ICAO-compliant travel documents, AAMVA compliant driver licenses, national IDs, transit cards, national medical cards, multi-application campus cards, and much more.



Capture



Design



Print



Biometric IDs

New feature added: Web-Browser Client Extensions

For EPI Builder customers who want to use their web-apps to launch our client-device integration or card print/encode capabilities with just a few lines of JavaScript code.

ImageWare EPI Builder Components

Design Component

Easily add graphics, logos, photos, signatures, fingerprints, bar-codes, static/dynamic text, smart chips, and magnetic strips.

Capture Component

Quickly captures modal, modeless and asynchronous biometrics and images with this ActiveX and COM-based component.

Biometrics Component

Plug-in interface supports a variety of biometric vendor hardware and software that can manage data capture as well as 1:1 and 1:X matching algorithms.

Imaging Component

Manage and modify images, including capture, display, resize, aspect ratio adjustments, enhancement, and deletion.

Printing & Encoding Component

Robust component that works with most printers to encode, preview, read, add magnetic strips/smart chips, and batch print cards and passports.

Database Component

Control the EPI Builder database of images and data with this JET and ODBC-compliant component.

Web Print Component

Access card viewing and printing functions from any location using this HTML-interface.

Bar-code Plug-ins

Integrate stock and custom bar-codes, using PDF417 and 2D binary data, into card designs with this plug-in component.

Direct Camera Interface

Directly control a variety of Cannon cameras from the software to speed enrollment.



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MINIMUM SYSTEM REQUIREMENTS

- Works with web-cams using DirectX and creates NIST-compliant face images, cropped and centered for printing professional badges
- Translatable resource files
- Long filename support
- Based on Microsoft Win-32 API, supports modern 64-bit Windows 10, while also backward compatible
- Microsoft COM/ActiveX components
- Microsoft .Net framework
- Enables web applications for biometric capture and NIST-compliant image processing of biometrics

About ImageWare®

In 1987, ImageWare was founded to innovate imaging. After a bold start evolving silver halide photography into digital images, ImageWare built the first statewide digital booking platform for the United States law enforcement in 1998. Since then, ImageWare has evolved into the largest holder of multimodal biometrics, managing millions identities daily. With vast experience in the government sector, ImageWare is democratizing biometrics by offering defense-grade identity and authentication solutions to the masses. By identifying the person, not a device, ImageWare is giving populations around the globe access to their important data.

1-<https://www.gartner.com/en/documents/2503119/good-authentication-choices-evaluating-biometric-authent>

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