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Encode Labs Belgian eID Reader Integration for C•CURE 9000

eID – secure governmental Identification

e-IDentification is being adopted worldwide at a fast pace. Governments, organizations and citizens have realized the benefits and convenience of holding electronic cards – they are safer, smarter and more durable than their traditional counterparts. Many governments issued eIDs as a part of their eGovernment initiatives. The main objective is to improve the delivery of public services for citizens and businesses by more convenient and more open. For example, in Belgium every citizen and resident from the age of 15 is legally obligated to carry their eID with them at all times.

Seamless integration

The C·CURE 9000 eID integration is designed to seamlessly and quickly integrate with existing or new installations. The eID integration provides individual attributes including: first name, last name, national ID, address, date of birth etc. from the inserted eID card chip. The integration tool allows users to choose what Personnel fields from C·CURE 9000 to map with, in conjunction with the details stored on the eID. The integration tool reads data direct off the microprocessor into the C·CURE 9000.

eID card compatibility

The eID cards are classed as electronic, since they have an electronic microprocessor containing identity data and secure certificates.

Belgian National ID and Residency Card

Some information is listed both on the card and on the chip, while other information is only on the chip. Depending on Data privacy rules you can select access to the following fields:

First two given names, Last Name	Third Name initial
Validity Begin Date	Validity End Date
Nationality	Issuing City
Location of Birth	Date of Birth
Document Type	Gender
Card Number	Duplicate Status

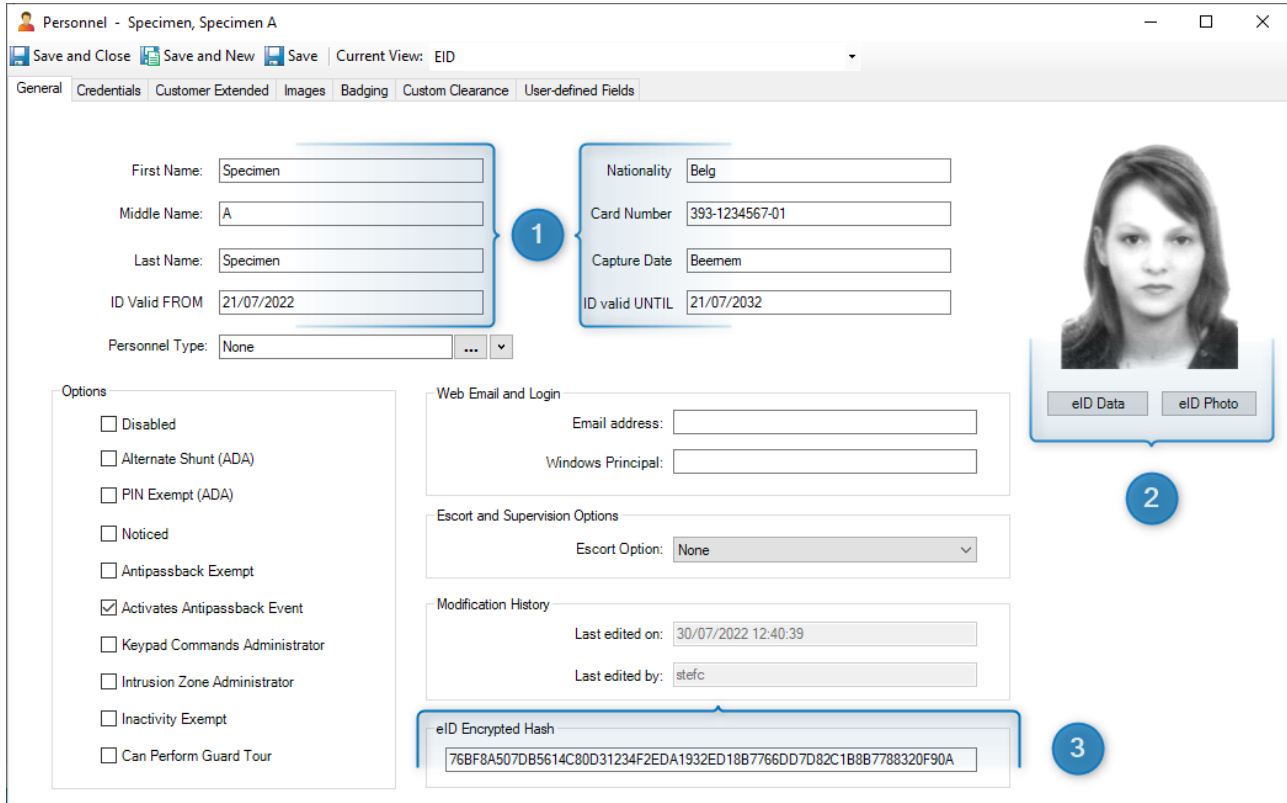Special Organization: NATO, SHAPE, Blue Card, Researcher

Key Features

- Faster enrolment, Easier administration

- Reduce data input errors

- Configurable field mapping

- Verifies authenticity of the eID, helps detect fraudulent documents

- Import the photo from the eID for later visual verification

- Generates an encrypted Unique ID to avoid duplicates

DISCLAIMER: The end user has the legal obligation to respect all applicable legislation and data privacy laws governing the use of the eID and its data.

Supported OS

Windows Server 2022 Standard & Enterprise (64-bit, minimum version 21H2)
Windows Server 2019 Standard & Enterprise (64-bit)
Windows Server 2016 Standard & Enterprise (64-bit, SP1 or higher)
Windows 11 Professional & Enterprise (minimum version 21H2)
Windows 10 Professional & Enterprise (64-bit, version 1809 or higher)

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Sample Personnel Editor

The below editor was customized from the C·CURE Administration Workstation to include the **eID Data** and **eID Photo** buttons (2) that allow you to read the selected data from the eID Card. Data is populated on the mapped fields as show below (1). The photo can be loaded as a C·CURE portrait (2). You can use an encrypted eID hash which makes use of the National Number of the person, to ensure the uniqueness of their profile inside the C·CURE (3).

Ordering information

Both part numbers below must be ordered:

Part Number	Description
CC9000-ECLEID	C·CURE 9000 integration option with Belgian eID. This integration stores the pre-selected data from the eID into the C·CURE9000 Personnel fields.
ENC-CC9-EID	Encode Labs Belgian eID integration driver into C·CURE9000 Personnel data.

Download

For more information on this module please follow this link https://www.encodelabs.be/

The Software Package is available from our download page, the installation package contains all software and documentation:
https://www.encodelabs.be/support/software-download-page/

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