

IDENTIFICATION

# MORPHO DRIVER'S LICENSE SOLUTION

FOR GOVERNMENTS AND ROAD TRAFFIC AUTHORITIES



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FOR GOVERNMENTS AND ROAD TRAFFIC AUTHORITIES

Governments are looking for an effective way of enhancing road safety while fighting the increasing identity fraud. Increasing services to the citizens and cost reduction have become major concerns for the states.

To answer these needs Morpho has designed an end-to-end solution dedicated to the driver's license market. Morpho Driver's License Solution contributes to the reduction of fraud. It also complies with international standards -European and American regulations- thus guaranteeing the free movement of citizens.

Our end-to-end solution includes pre-enrollment, enrollment, test management and credential issuance with innovative security features, e-government applications and in-the-field document verification. Furthermore, we provide dedicated follow-up services tailored to the customer's requirements.

## MEETING THE DRIVER'S LICENSE NEEDS WITH INNOVATIVE SOLUTIONS

Morpho provides unique solutions adapted to the specific needs of the driver's license market to enhance road safety, while fighting the increasing identity fraud:

- Secure Credential issuance with 3D Photo ID™
- Face recognition technology

By complying with the ISO IEC/18013 international standards and European and US regulations, Morpho cards and systems are designed to evolve with future market needs.



## MORPHO'S EXPERTISE AT YOUR SERVICE

A unique range of services is provided by Morpho:

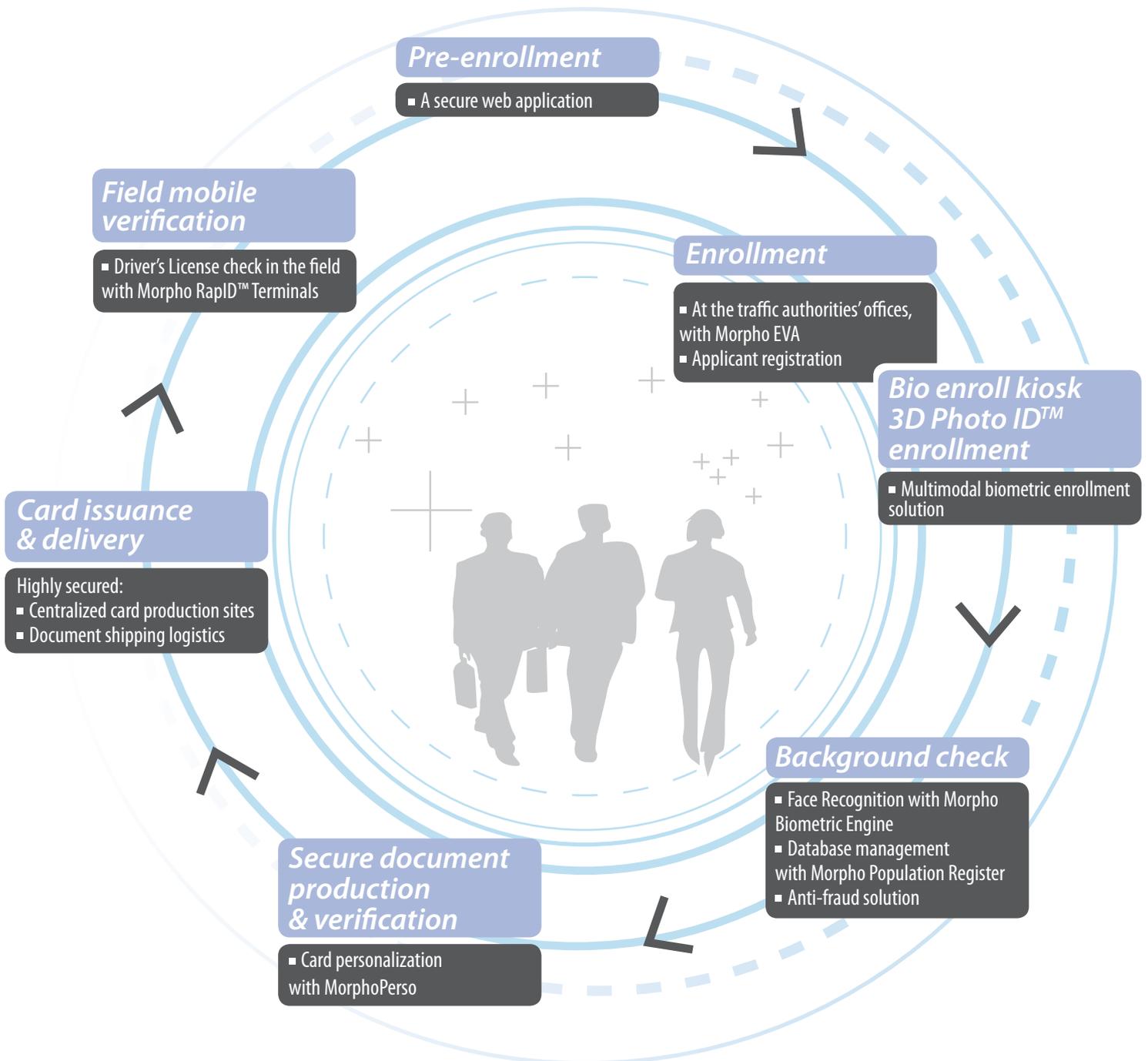
- Project definition
- Project implementation
- Change Management
- Production
- Maintenance

# MORPHO DRIVER'S LICENSE SOLUTION

The Morpho Driver's License Solution is built around MorphoCivis™ - an unrivaled software suite that allows government agencies to efficiently manage driver's license programs.

MorphoCivis™ is built around five specialized products and a shared IT platform, the MorphoCivis™ Core, to cover the wide-ranging needs of identity management programs. Each product is independent and fully scalable - as is the system in general. Each of these components can be tailored to the customer's specific needs.

By designing innovative products, such as a cutting edge face recognition technology and anti-fraud features, Morpho answers the specific needs of governments and road traffic authorities.



# MORPHO ANTI-FRAUD SOLUTION

## FACE RECOGNITION WITH MORPHO BIOMETRIC ENGINE



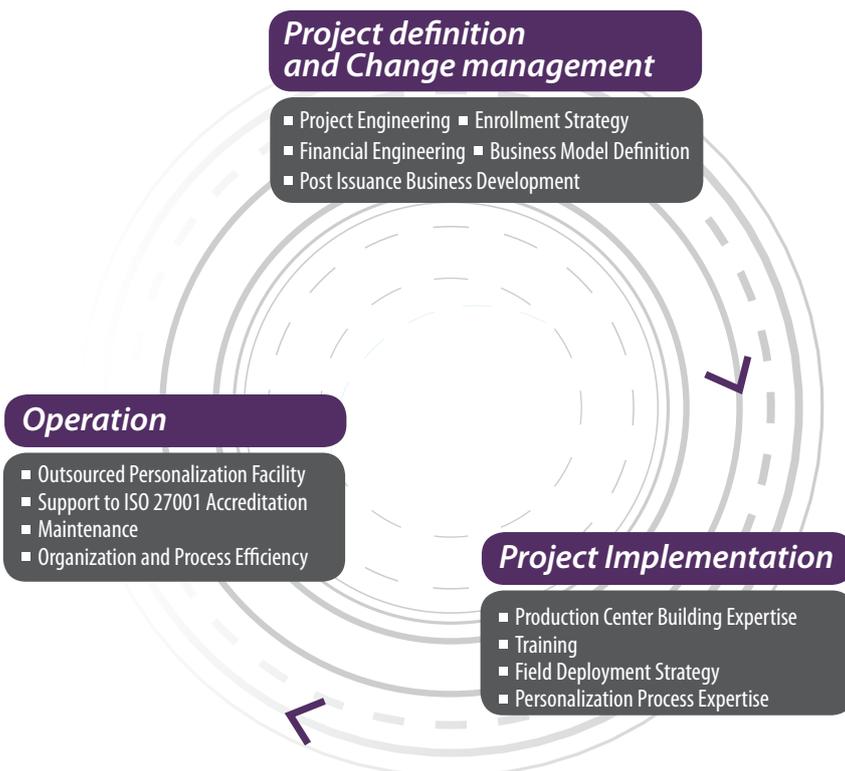
Biometrics is one of the key elements of a secure driver's license issuance process.

Facial recognition allows verifying the applicant's identity:

- We can authenticate the person i.e. check that the person is who she/he claims: this avoids identity theft
- We can identify the person i.e. check that the person exists only once in the database: this prevents fraudsters from having multiple driver's licenses.

Morpho biometric algorithms rank among the most accurate ones in the world (NIST PFT test in 2010).

Using Morpho facial biometrics allows reducing fraud and increasing citizen trust in the process.



## MORPHO KEY REFERENCES

### MORPHO DRIVER'S LICENSE

- RTA (New South Wales - Australia)
- North Carolina
- India
- Morocco
- Tunisia
- Netherlands

### MORPHO TACHOGRAPH

- Norway
- Iceland
- Sweden
- Denmark
- Hungary
- Czech Republic
- Poland
- Luxemburg
- UK
- Netherlands



# MORPHO SECURE CREDENTIALS



Adaptable to your needs, Morpho secure documents (IDeal Drive™) for the driver's license market are available as:

- Driver's License
- Electronic Car Registration Card
- Electronic Tachograph Card

## STANDARDS AND SECURITY

The Morpho Secure Credential conforms to the latest standards in terms of security and applications. However, it goes beyond these standards by offering the potential to migrate and enhance the security of the system. Morpho offers the opportunity to use the largest cryptographic keys, including elliptic curves up to 521 bits, enabling identification, online authentication and electronic signature with maximum security - ECC Specification, Common Criteria EAL 5+ security certification for driver's license application and ISO/IEC 18013 standard for driver's license.

## FLEXIBILITY AND ADAPTABILITY

We offer a choice of card bodies to meet a variety of needs regarding lifetime and personalization modes:

- Based on the smart card (ID1 format) form factor
- Different materials: Polycarbonate, TESLIN and PET
- Contact or contactless mode
- Use of specific inks
- State-of-the-art secure printing

## APPLICATIONS FOR END-USERS

Smart card applications implemented in the card post-issuance process:

- Demerit point management
- Car insurance certificate
- Car inspection certificate
- Toll fee payment
- Parking payment

## STATE-OF-THE-ART PRINTED SECURITY FEATURES – 3D PHOTO ID™

Morpho's 3D Photo ID™ provides the most advanced card technology today and reinforces biometric verification. It includes a laser engraved 3D portrait as a superior first line security feature - obvious at a glance and simple to validate. This technology is very difficult to counterfeit and inherently establishes ownership between the card and the rightful cardholder - the security feature looks like the owner.

The person checking the secure document can easily identify the 3D portrait as a security feature. In addition, this security feature looks like the cardholder. The method used to validate the feature is clear and performed intuitively by people confronted with a 3D image.



## KEY MISSIONS, KEY TECHNOLOGIES