

VEHICLE LICENCE PLATES

AUTHENTICATION
YOU CAN TRUST



Enabling trust



21ST CENTURY VEHICLE LICENCE PLATES WANTED

Since the 1900s, licence plates have been used to uniquely identify vehicles and their owners and have now become a worldwide standard. Regardless of the technologies used to verify licence plates, the effectiveness of vehicle identification can be seriously compromised if licence plates are not authenticated beforehand.

There are several issues at stake impacting state sovereignty and the safety of communities. To name but a few, they include the fight against fraud and crime, the development of smart cities, the shortfalls from tax and revenue collection and more.

AUTHENTICATE BEFORE YOU IDENTIFY

With the increase in counterfeit vehicle licence plates, authenticating them before identifying them has become a critical step for government agencies, law enforcement officials and private companies. In addition, the inability to securely authenticate vehicle licence plates is a danger to law enforcement officials and to society in general.

A CRITICAL GLOBAL ISSUE

WORLDWIDE

280%

increase of cloned vehicles from 2013 to 2019²

1 in 10 cars

suspected of a false or fraudulent identification number³

UNITED KINGDOM

£ 119 million

estimated lost revenue from unlicensed vehicles in 2021⁴

NEW-YORK (USA)

300%

increase in arrests for illegal, fake, paper licence plates⁵

QUEENSLAND (AUSTRALIA)

271,865

motorists were issued with fines for unregistered vehicles between 2013 and 2017⁷

BOLIVIA

33,000

vehicles circulating illegally⁸

PERU

27,000

licence plate duplication⁹

ESCAPEWAY FOR CHEATERS AND CRIMINALS

Public agencies and private organisations need to accurately authenticate vehicle licence plates to help combat frauds, reduce revenue shortfalls and identify criminals using fraudulent licence plates to evade justice

STATE OF LAW

Fraudulent licence plates threaten government sovereignty

- Licence plates serve as distinct identifiers for vehicles and their owners, which is crucial for the government and public agencies.
- The use of counterfeit or fraudulent licence plates makes it difficult for authorities to identify vehicles and drivers, putting government sovereignty at stake.

PAYING THE HIGH PRICE

Fraudulent licence plates create revenue loss and raise security concerns for public agencies and private companies

- The collection of taxes, tolls and property rights is impacted by the inability to authenticate the vehicle and, therefore, to identify the owner.
- Access control companies risk losing revenue due to the use of counterfeit plates for parking in restricted or prohibited areas.

- Counterfeit plates may also be used to engage in criminal activities such as theft, leading to security concerns in retail businesses.

GETAWAY FOR CRIMES

Fraudulent licence plates have become a growing concern for law enforcement officials.

- Fake licence plates are used by individuals to mask their identity and avoid detection while committing illegal activities.
- Counterfeit licence plates directly assist criminals in carrying out criminal operations such as drug trafficking, theft, burglary and even terrorism.

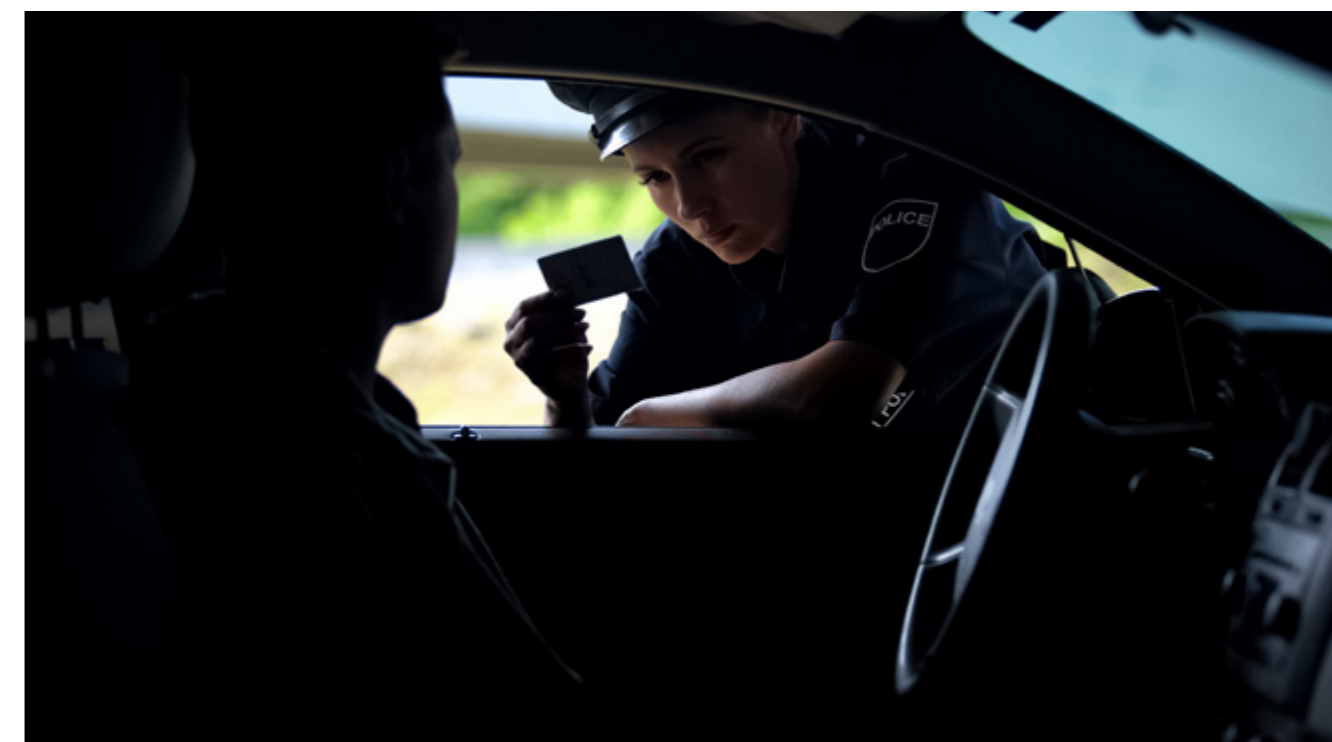
In fact, some law enforcement officials refer to fraudulent licence plates as “a licence to crime.”¹ since it makes it difficult for them to track criminals down and bring them to justice.

VITAL RISK AT STAKE FOR LAW ENFORCEMENT OFFICIALS

Authentication of vehicle licence plates at a distance is now a critical need

Law enforcement officials are often exposed to high risks in the course of their duties wherein they must engage closely with individuals of interest before they can verify licence plates.

Therefore, during road checks, they must be able to authenticate licence plates discreetly and securely, and as early and as far away as possible from vehicles.



SUMMARY OF FINDINGS

TRADITIONAL VEHICLE LICENCE PLATES ARE NOT CUTTING IT

From electric and hybrid engines to advanced safety systems and self-driving capabilities, the advancements in automotive technology have been significant and transformative. On the other hand, technologies used on licence plates have seen little advancement. Licence plates are still primarily made of metal, with stamped or embossed letters and numbers.

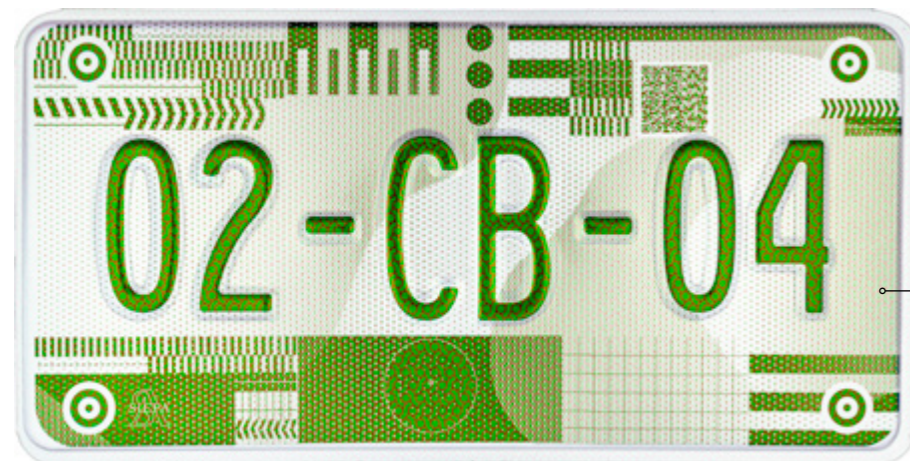
NEXT GENERATION LICENCE PLATE

An efficient and secure solution that not only guarantees the integrity of the plates but also enables the authentication of licence plates at a distance, is an essential need today. Authenticated licence plates will enable the governing bodies to maintain sovereignty, enforce regulations across the globe and contribute to the development of smart cities.

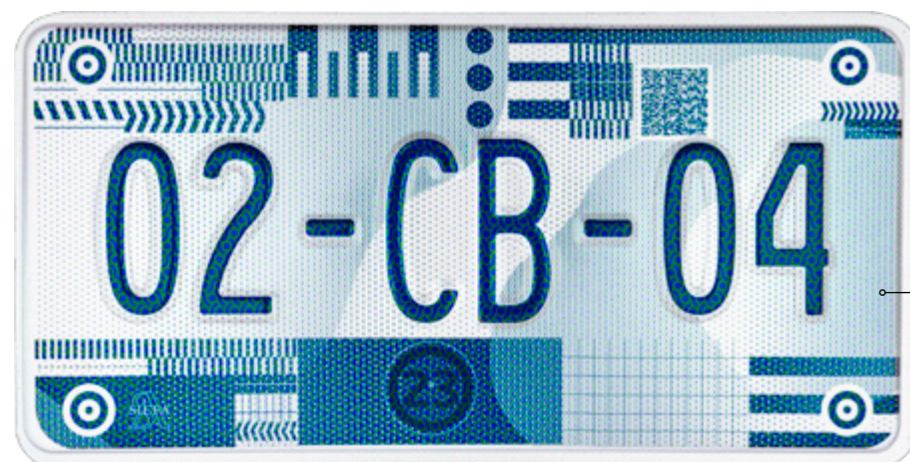


THE SOLUTION YOU NEED

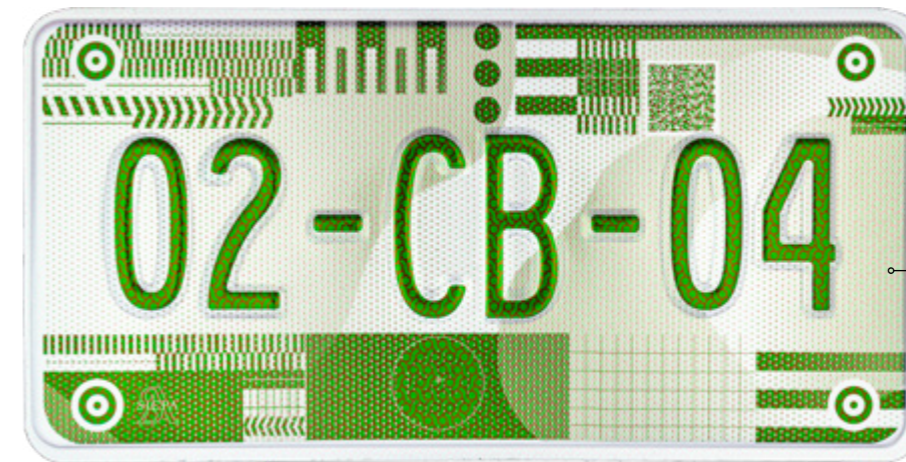
SICPA has designed a state-of-the-art inclusive solution enabling tamper-proof and intuitive vehicle licence plate authentication from afar



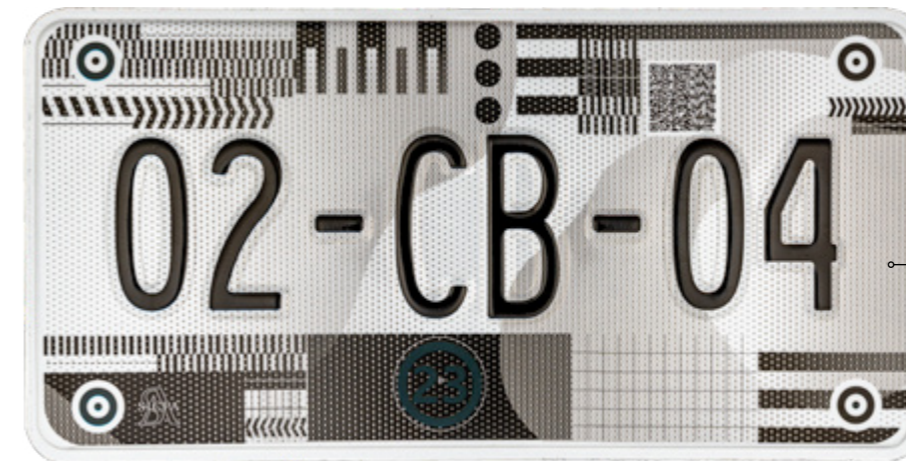
Front View
Green + Gold



Angle View
Blue + Green



Naked Eye View



Polarisation View

UNIQUE OPTICAL TECHNOLOGY

SICPA has developed a unique optical solution for ensuring the security of vehicle licence plates. This solution employs a genuine and reliable technology that utilises multiple layers of security. The security features consist of a range of colours and designs that are visible to the naked eye, and that undergo changes and variations when viewed from different angles.

This optical technology enables to visually authenticate vehicle licence plates intuitively, making it a ground-breaking innovation that represents a major milestone for the industry.

AUTHENTICATION FROM AFAR

SICPA has created a special technology that makes it possible to verify the authenticity of vehicle licence plates at a distance.

This allows law enforcement officials to quickly and easily authenticate a vehicle's licence plate before a car is pulled over for a road check. The dynamic technology provides a safer alternative to determine whether the licence plate is valid or fake, with offering less risks for law enforcement officials.

YOU BENEFIT, EVERYONE BENEFITS



GOVERNMENT AND PUBLIC AGENCIES

- **Anticipate smart cities**
Help cities optimise their operations across assets, resources and services
- **Improve revenue collection**
Collect the appropriate taxes and fees associated with vehicle registration and licencing
- **Provide safer traffic conditions for drivers and pedestrians**
Limit the number of uninsured vehicles in circulation^{10,7,5}
- **Enhance public safety**
Prevent the use of false or unregistered licence plates to reduce criminal activity¹



CITIZENS

- **Safeguard social space**
Reduce criminals' capacity to operate for a safer community^{5,7}
- **Increase confidence**
Reassure society by putting in place measures and regulations



LAW ENFORCEMENT OFFICIALS

- **Ensure safety**
Implement immediate and silent detection of fraudulent licence plates at a distance
- **Increase effectiveness**
Enable intuitive and immediate way of authenticating
- **Empower identification**
Support comprehensive and effective detection of untraceable "ghost cars"^{5,7}
- **Improve access security**
Prevent unauthorised access to sensitive premises



PRIVATE COMPANIES

- **Optimise automated enforcement revenues**
Prevent toll-evading offenses and protect earnings of tolls and automated fee systems¹¹
- **Secure business conditions**
Help combat shop attacks and robbery operations committed by cars with fraudulent licence plates¹²



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SICPA SA

Av de Florissant 41
1008 Prilly
Switzerland

Tel +41 21 627 55 55
security.inks@sicpa.com
www.sicpa.com

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