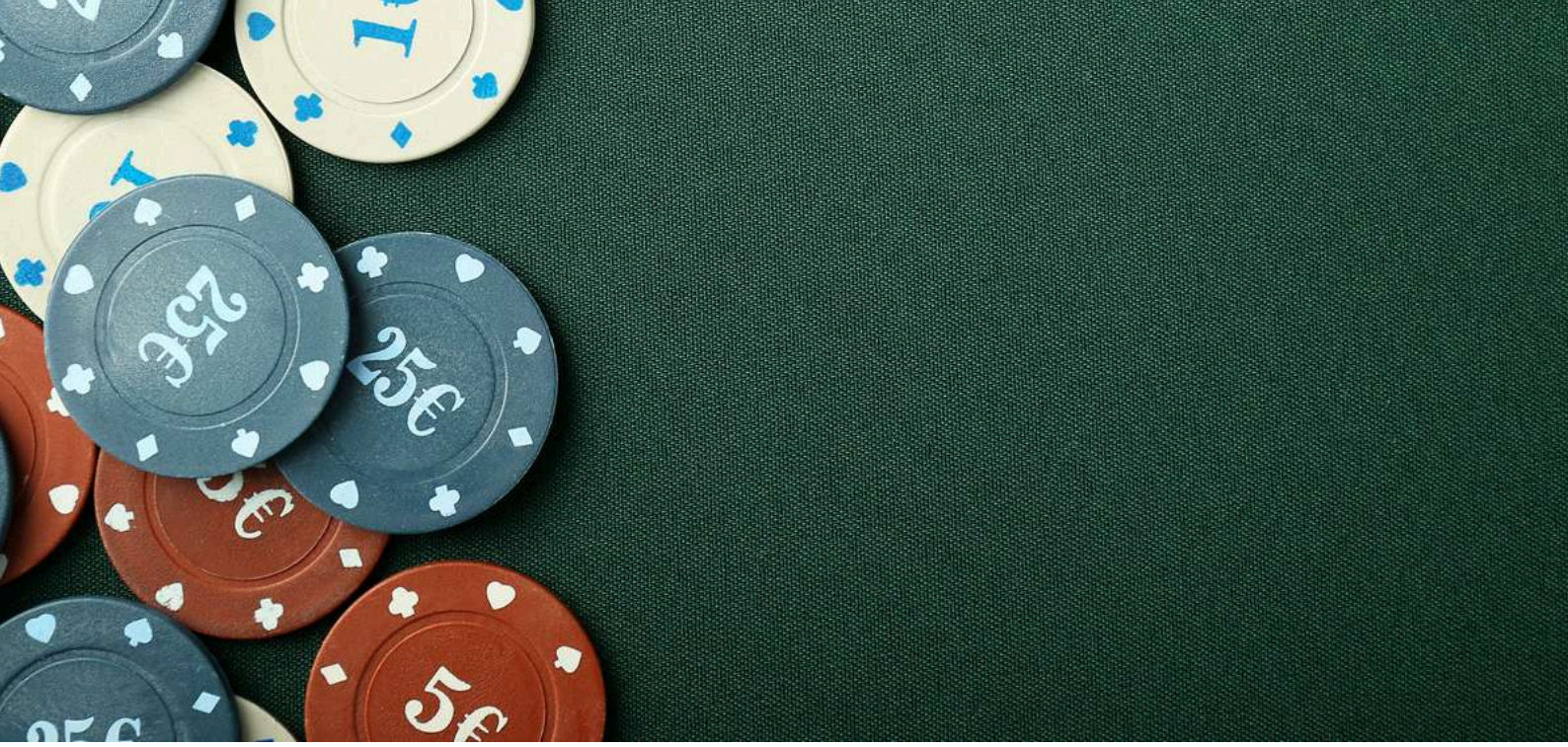

A comprehensive connectivity solution for casino and gaming companies

The Spanish Digital ID card (MiDNI)

Comprehensive integration of MiDNI into access control systems

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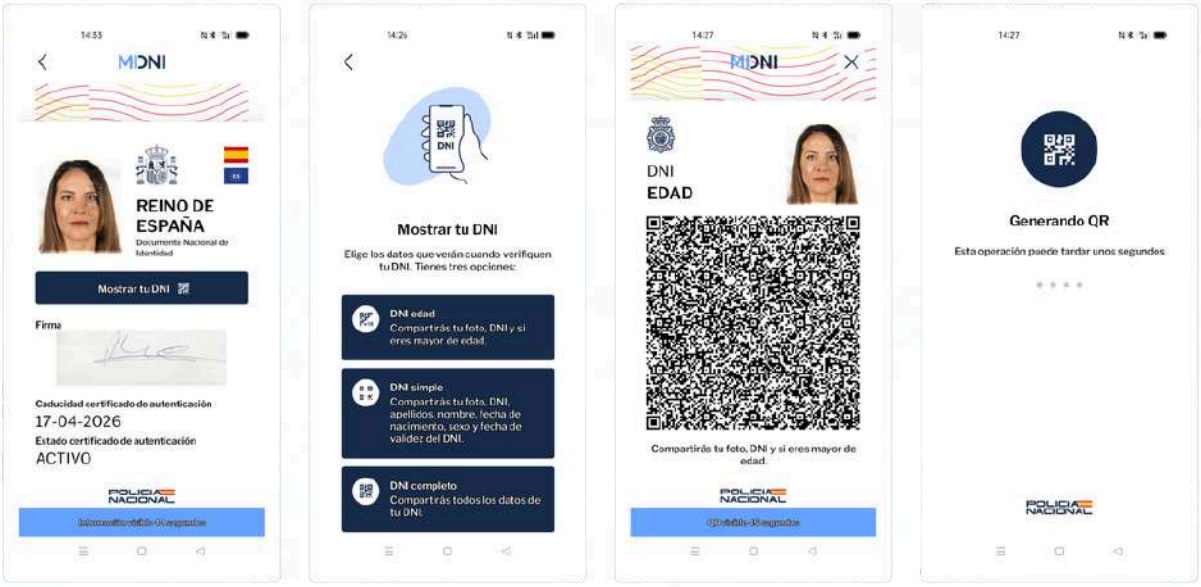
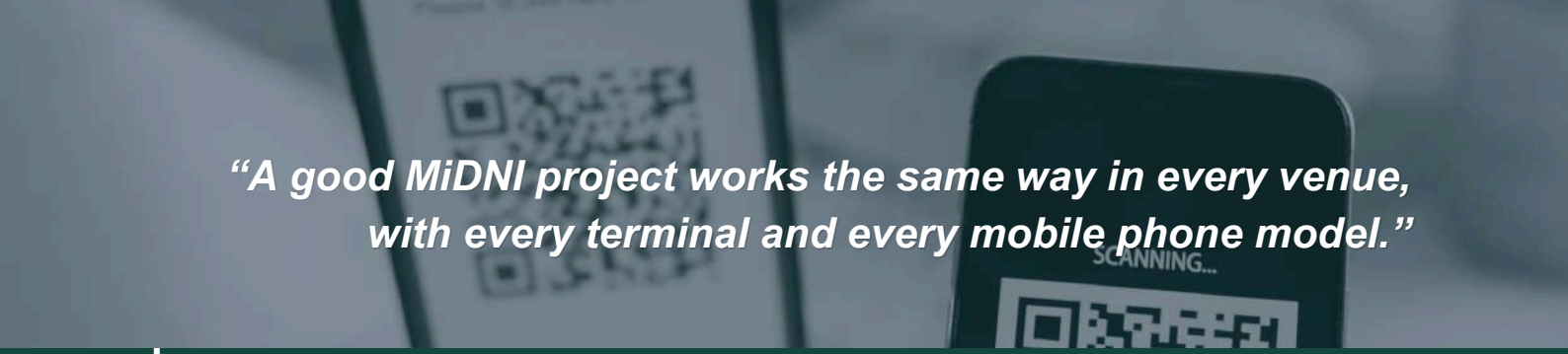
Since April, the MiDNI has been just as valid as the physical ID card

Recently, Spanish law regulated the ID card in both its physical and digital versions. After a twelve-month adaptation period, since 2 April 2026, public and private entities must accept MiDNI as a valid means of in-person identification, under the same terms as the physical ID card.

What is MiDNI? It is the official National Police app for carrying your ID card on your mobile phone. The citizen generates a temporary QR code containing their signed data and displays it to identify themselves.



Why does it matter in a gaming venue? Because identifying the customer is a condition for allowing them to enter. Every admission involves checking their identity and consulting the gambling access exclusion registers. If the entry terminal cannot read MiDNI, the alternative is manual verification: slower and with more room for error.



“A good MiDNI project works the same way in every venue, with every terminal and every mobile phone model.”

The technological challenge for Casinos and Gaming companies

Most gaming venues already have kiosks, readers and an admission system in operation. The challenge is to ensure that MiDNI integrates seamlessly into the existing infrastructure.

These are the four points where things usually get stuck:

Readers not designed for this QR code

Not all QR readers are capable of reading 2D codes.

Systems that do not communicate with each other

The data that is read must reach the admission system and the register lookup without anyone having to type it in again.

Dependence on the manufacturer

Switching providers could mean having to redo the work if each totem or reader uses proprietary integration.

Sensitive personal data

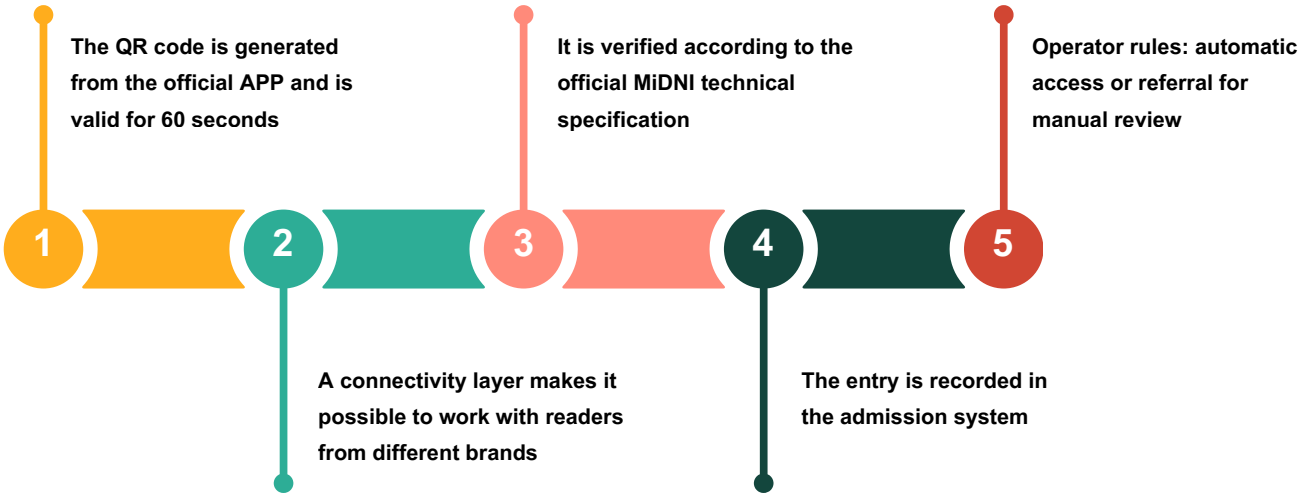
It must be decided what data will be processed and stored, where, and for how long.

How MiDNI validation works

This is what access control with well-integrated MiDNI looks like

The customer does not notice the complexity; neither does the venue staff.

1st	The customer displays the QR code generated in the official MiDNI app
2nd	The terminal reader captures it
3rd	The information is verified
4th	The gambling access exclusion registers are consulted
5th	The operator makes a decision according to their rules



What should be clear

- The verification checks the authenticity of the data. The decision to admit the customer remains with the venue.
- An alternative plan is needed for a failed scan, an expired QR code or a customer whose mobile phone has no data connection.
- Data is processed in accordance with the GDPR, taking into account the specific circumstances of each company.

Since 1992

Serquo has been connecting self-service devices to the systems that manage them.

We are part of the XFS and J/XFS standardisation committee, and we apply that experience to any terminal that needs to identify, process payments or grant access.



Initial audit

Compatibility testing of readers from different manufacturers with real MiDNI codes, under conditions similar to those in a venue.

Standard and non-standard connectivity

XFS, J/XFS, REST API and bespoke integrations with the admission system. We also handle messaging with the Police Server.

Legacy admission system

We update the admission system when necessary and can even provide bespoke development from scratch.

Abstraction layer

100% manufacturer-independent. It will make it easier to connect new devices.

Testing and security

We validate the complete flow before production and subject the terminal to stress testing.

Prior to launching the project

It is worth reviewing at least the following five questions:

1st	Can our readers scan the MiDNI QR code?
2nd	Does the data reach the admission system without anyone having to type it in?
3rd	What happens if the scan fails or the QR code has expired?
4th	Which data from the QR code do we store, where and for how long?
5th	Could we change reader manufacturer without rebuilding the integration?

The same logic applies to any business where in-person identification is required: bank branches and ATMs, hotels and traveller registration, car rental or the sale of named tickets.

At Serquo, we address this challenge for every industry and sector.

About Serquo

Serquo is a technology company with more than 30 years of experience. It specialises in the connectivity of financial devices (XFS and REST API), payment solutions and efficiency solutions for ATM equipment at financial institutions.

Serquo provides innovative tools that help banks and service providers optimise their operations, automate testing and accelerate the development cycles of self-service technologies.

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