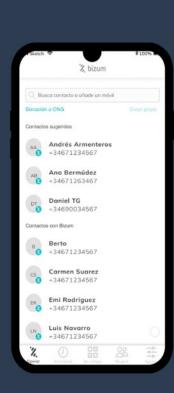
% bizum +

Pioneering EU Instant payments beyond P2P

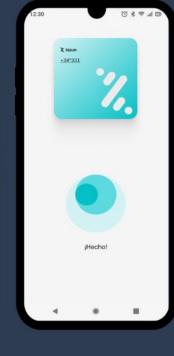
8th MAY 2025

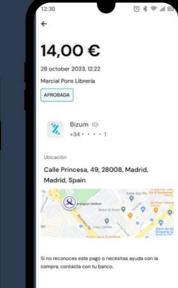












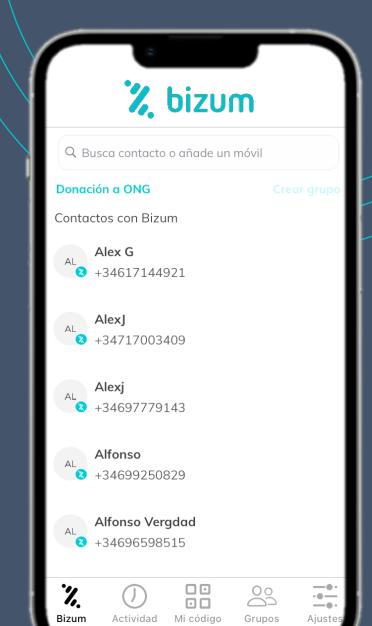
% bizum is the...





most secure

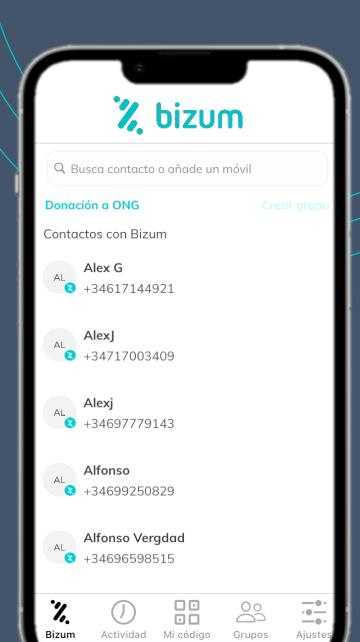
way to make payments



% bizum is...

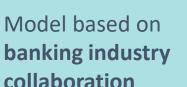


pioneering <u>SEPA Inst</u>
account-to-account
transfers for all its use
cases



Bizum in a snapshot (Oct'16-Today)









Governance & working groups with stakeholders

(business, legal, marketing, technical, operations...)







Always one step ahead



% bizum

Redsýs cecabank



+29 M users (+80% of digital banked population)



7 use cases and growing



Product with great UX embedded within banking apps



Value proposition based on:

- ✓ Immediateness
- ✓ Security
- ✓ Simplicity

Scalable Infrastructure managed by Redsys. Processing carried out by Redsys and Cecabank. Liquidation on SNCE.

Leverage of SCT Inst standards

Market context: Efforts for EU sovereignty



Opportunities and challenges for a Pan-European payments ecosystem



Source: LinkedIn

Existing payment solutions and SEPA Inst solutions as enablers of a Pan-European market

How can Europe build a Pan-European payments ecosystem?

CHALLENGES

- SEPA solutions are still young and do not fully cover merchant use cases: Current Legislative proposals should guarantee a level playing field across payment methods. European standards for point of interaction are still being developed.
- Aligning different market preferences and behaviours to eliminate barriers for cross border payments.
- Support from European Stakeholders to offer innovative business models to compete with existing payment methods.

OPPORTUNITIES FOR EUROPEAN SOLUTIONS

- European players are not giving up on sovereignty as they have been successful at gaining significant market share in their markets competing with ICS and are willing to invest in solutions leveraging European standards.
- Existing value-added payment solutions are pioneers on the adoption of SEPA, both from a market perspective, convincing the market about its benefits, and from a legal standpoint, by contributing to its improvement and evolution to fit market needs.
- Value-added solutions and SEPA Inst based solutions are a good fit- based on services not covered by non-European players: P2P – ecommerce – POS. P2P is the easiest way to create market acceptance before jumping into merchant use cases. Alternative business model not based on interchange fee.

Banking industry collaboration







Leveraging European Standard SEPA instant payments



Banking associations deliberated jointly the best way to take advantage of a common goal

October 2016, a new company is created

- One Brand -> Pursuing awareness
- Instant transfers performed in banking apps
- Phone number is the base (Phone <> IBAN)
- P2P Starting use case to build critical mass adoption

2025, Bizum is offered by 39 banks

- +99% of market share
- Popular phrase to ask for money: "Make me a Bizum
- Users demanding new uses cases

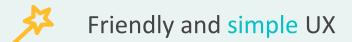
Bizum's core values



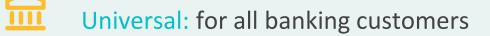
Real time account-to-account mobile payment solution







Secure: banking channel



RELYING ON VERIFIED USER DATA



- Name and Surnames
- ID number
- Mobile phone number
- Email
- Address
- IBAN, etc.

BIZUM <u>is not</u> a payment initiator provider, but an informational service layer categorized as an <u>arrangement</u> by the supervisor (PISA Framework)

Key figures



P2P is a proven lever to grow and drive traffic towards other use cases

WHO WE SERVE



29,000,000 USERS

79 % ACTIVE MTHLY / 90 % ACTIVE QTLY.



11,000 POINTS OF SALE

12,500 NGOS

139 ≥ 19 % MARKET SHARE







30,000,000 >>

USERS

>

+84 %

OF DIGITAL
CUSTOMERS IN SPAIN

Banking brands offering Bizum



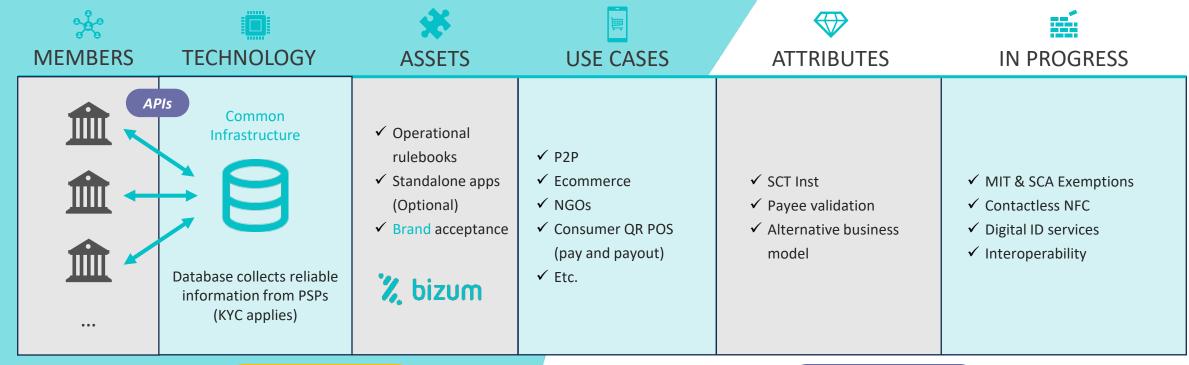
39 banking brands offer Bizum today (Spanish and Andorran Banks)



Potential digital customers in 2025: 35.7 million

Bizum's building blocks





CHALLENGES

SCT Inst is a great standard, but it needs adjustments to compete with other payment instruments. Playing field should be leveled, as instant payments, still lack:

- Preauthorization
- Cancellation
- SCA exemptions by payees
- Recurring payments (subscriptions)...

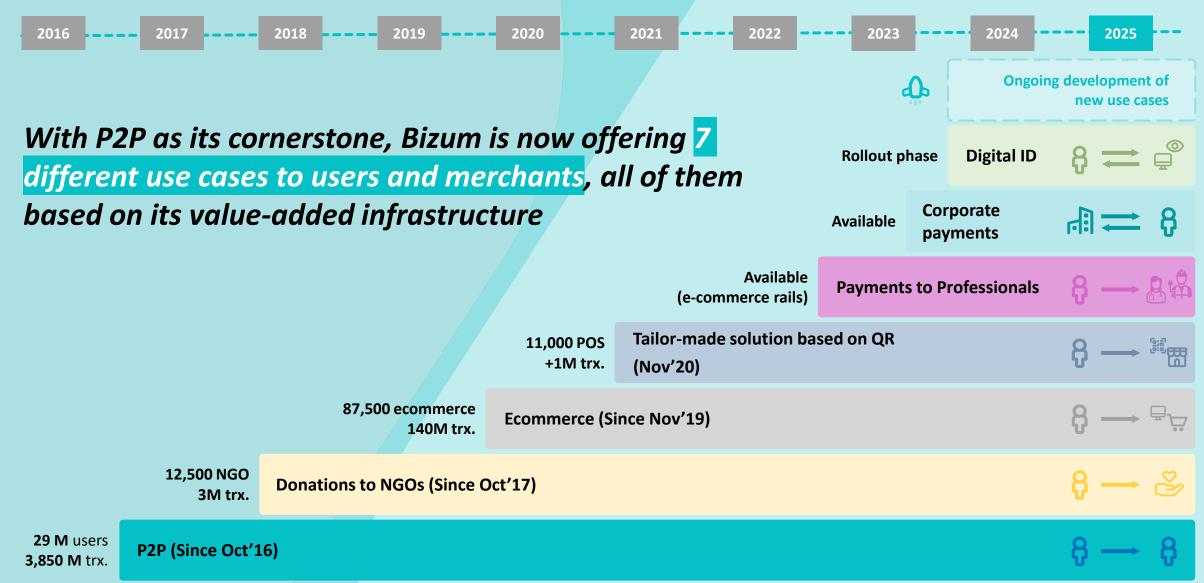
SCALABILITY

Bizum's model is scalable and exportable to other markets:

- Successful cross-border experience adding Andorran banks (with Andorran IBANs) in 2022.
- Directory enabled to use phone numbers from any country.
- Leverage on SEPA Inst transfers as a pan-European payment rail.

Bizum use cases: Beyond P2P

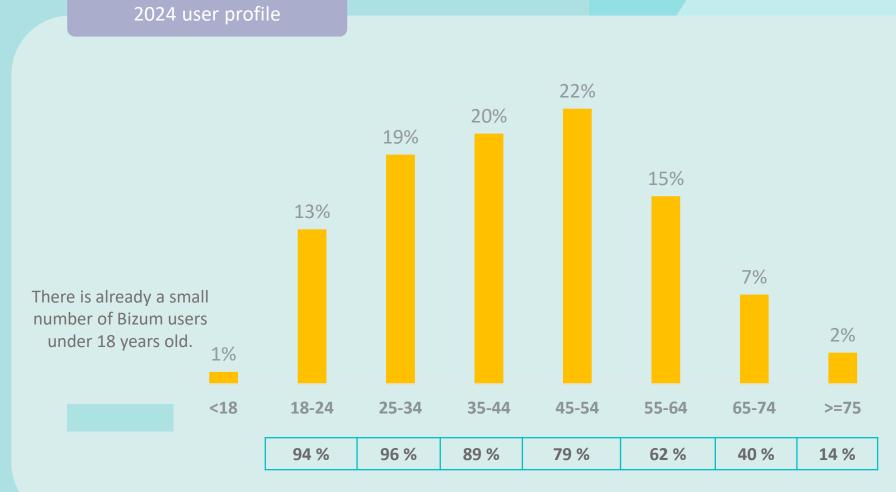




^{*}As a reference of the potential market for Bizum's ecommerce use case, only 30% of ecommerce card payments come from domestically issued cards.

k % bizum

A user penetration reaching all age groups



• 80 % of the new users in Bizum join thanks to the word-of-mouth

 +90 % of the total Instant transfers in 2024 in Spa were Bizum operations

 The most valued attributes are speed, convenience, and trustworthiness

% of Spanish population that are Bizum users

Bizum use cases: NFC POS payments





"Tap-and-Pay" NFC payments



Instant SEPA transfers



Experience on banking apps



Current POS infrastructure







Users consider Bizum their preferred payment Brand, ahead of X-Pays and other payment solutions



Bizum beyond P2P: POS - NFC

Upcoming launch of the first NFC solution based on SCT Inst



"Tap to Pay" payments based on SCT-Inst using NFC (both Android and iOS)



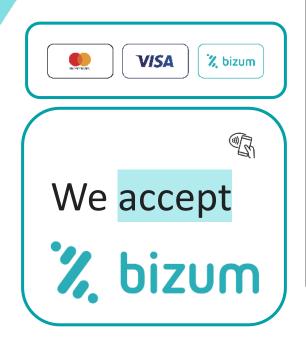
Service embedded inside banking apps



Standalone app (Bizum Pay) as a complement to provide a winner UX



Smooth implementation into existing POS terminals



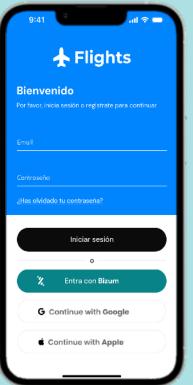


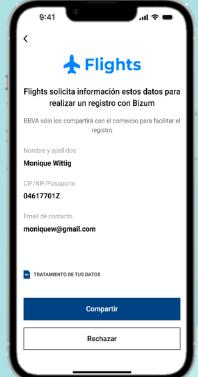
Bizum use cases: Digital identity

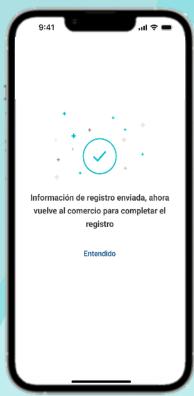


% Sign up with Bizum

Login with Bizum







Key features for merchants



User identification with Bizum:

Customers can easily identify themselves in the merchant/digital app and enjoy a secure login service.



Simplification of the purchasing process:

Ability of simplifying the purchasing process by eliminating passwords in the user's interaction with the website/app.



Verification of user identity.:

Ability to obtain verified information on the identity of users (ID card, name, surname, etc.).



Validation of the user's own data

Ability to validate the information previously collected from the user with the data provided through Bizum.



Confirmation of legal age

Ability to validate whether or not a user is of legal age during the registration process if the user identifies with Bizum.





Interoperability as a catalyst for a sovereign, robust and pan-European payments market



VISION	Interoperability for P2P payments leveraging on SEPA Instant transfers, with sights on extending its reach to other use cases in later stages (e-commerce or POS payments).
FOOTPRINT	Initial focus connecting these 3 solutions which cover 4 European markets, open to engage with other European solutions (for instance, other EMPSA members, EPI, etc.).
TECHNICAL APPROACH	Reusing existing infrastructure and technical components currently in place for each solution to minimize efforts and investments.
BRAND	At least during the initial phase, leverage the high recognition of each of these brands in their respective markets.

This initiative shares the same key objectives as the ones defined by the Eurosystem for any Pan-European payment solution (as per the ECB's "Retail Payments Strategy for 2024 and beyond")

Bizum use cases: P2P Interoperability



Respecting Bizum's UX to send money to other countries

2024-25 achievements
By Q2 2025, Full P2P connectivity
with MBWAY & Bancomat



What's next?

- Conversations with 4 additional solutions to join EuroPA
- Ambition to start exploringP2eM/P2M use cases after P2P full rollout



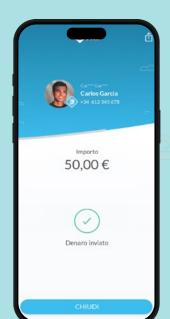


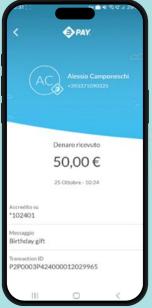


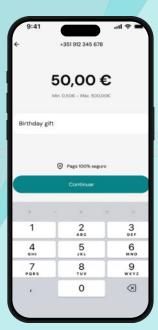






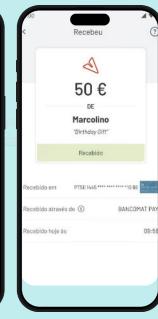














INTEROPERABILITY WITH EUROPA ALLOWS FOR SENDING P2P PAYMENTS ABROAD IN A SIMILAR WAY TO CURRENT P2P DOMESTIC PAYMENTS, WITHOUT CHANGING LOCAL CAPABILITIES AND FUNCTIONALITIES

Governance: Shareholder & Participants



Bizum dominates the market in Spain since inception, outside of Spain the footprint is continually growing with expansion into Andorra and the creation of an alliance with Italy and Portugal

BIZUM'S GOVERNANCE MODEL



Two type of joining options are possible: Shareholders and/or members

- 22 shareholders (20 are members)
- Spanish & Andorran participants need to:
 - Have an operative Banking license
 - Be connected to Instant Payments.

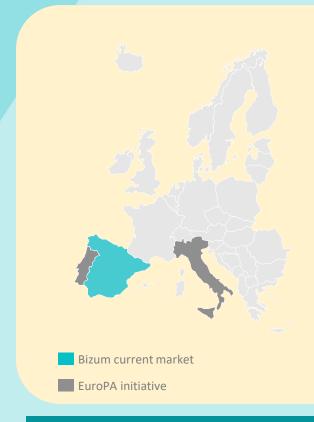


Governing Bodies:

- o <u>Board:</u> Composed by members from 8 shareholders
- Working groups: Decide on operational topics and define proposals for the Board.

Rights and obligations for participants:

- Offer the existing use cases at the same level in a dedicated channel on the mobile banking app (coordinating service availability across banks)
- Ensure the accuracy of information in Bizum's directory and compliance with Rulebooks.



- Bizum's model is based on banking industry collaboration, governed by banks with no involvement from other types of companies
- Implementation of Bizum in Andorra, enabling connectivity with international bank accounts
- Strategic alliance with Italy & Portugal via the EuroPA initiative

Bizum is open for new banks and countries to join its platform (e.g. Andorra in 2022)

What's in it for the banks? Key Drivers





Higher banking customer engagement and customer retention

- Tendency to have Bizum as daily account. Bizum fosters loyalty between a customer and its bank. Around <u>80% of users</u> have been active clients of their bank for <u>+5 years and less than 1.3% of users change their Bizum profile between banks (portability) on a monthly basis.</u>
- O Bizum helps driving higher traffic to banking apps (+40 average trans/user/year).



Network Effect & Scalability

- Positive feedback loop: Bizum's widespread adoption (53% in Spain vs. 19% in Europe) encourages financial institutions and merchants to integrate the solution.
- Seamless integration with existing banking apps, allowing easy money transfers and stronger digital engagement.
- o **Flexible business model**: Supports multiple use cases (SCT Inst) for issuers and acquirers, making it adaptable for expansion in domestic and European markets.



Competitive Positioning & Business Model Sustainability

- Defensive strategy against X-Pays and fintech challengers.
- O New entrants seek to integrate Bizum to compete effectively in retail banking.
- o <u>Cash displacement</u> benefits banks, with cost savings projected at +60M EUR in 2024.
- o Innovative payment models built on instant payments improve monetization and infrastructure efficiency.

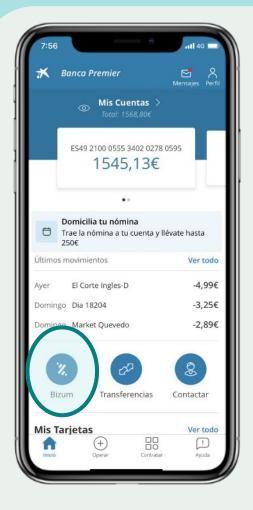


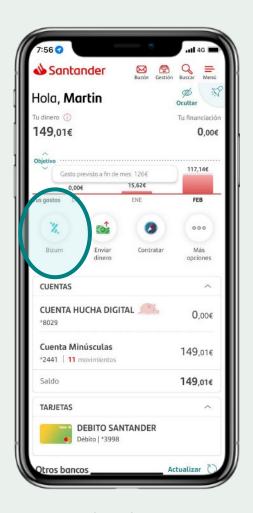
Compliance, Security & Value-Added Features

- Meets <u>Instant Payment Regulations</u>, fully leveraging SCT Inst for all use cases.
- Multi-factor authentication, payee verification, fraud monitoring, and dispute resolution enhance trx security.
- o X-selling opportunities: KPIs show that customer engagement doubles within banking apps when using Bizum.
- o Bizum's embedded features help merchants optimize online and POS payments.



What's in it for the banks? Engagement







Bizum's brand adapts to each bank for easier recognition and integration in mobile apps



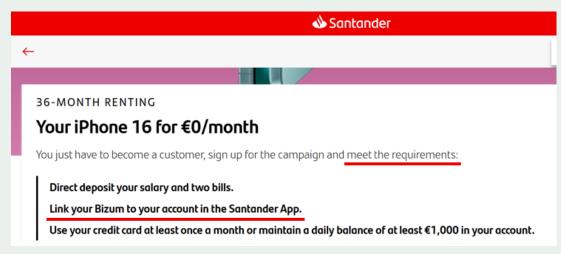
- Nº1 transactional feature in mobile banking apps.
- Leverage on existing processes to guarantee security with a convenient UX (ex. onboarding in less than 1 minute)

Considered nº1 reason to access a banking app, Bizum is placed at the forefront of bank digital channels

What's in it for the banks? Cross-selling

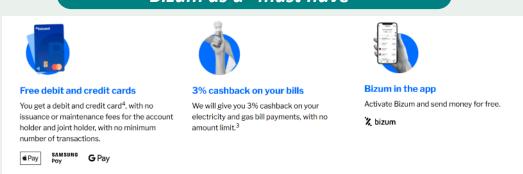


Bizum as a main bank indicator



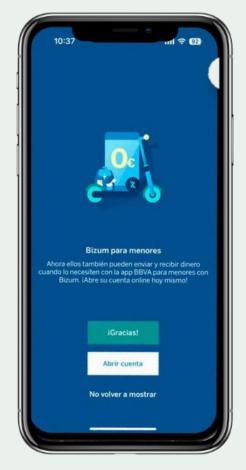
Banks set enrollment with Bizum as a requirement for clients to gain access to promotions or remunerated accounts

Bizum as a "must have"



Retail banking customers in Spain consider Bizum a "must have" feature when choosing who to bank with

Cross-selling & differentiation



Banks can create new services on top of Bizum and advertise it to users (ex. Bizum for under 18, BNPL, etc.)



What's in it for the banks? Cross-selling

Bizum user activity across time



%.

After 8 years, Bizum's activity remains at all-time high ratios (+80% monthly and 90% quarterly), proving its value as an engagement driver towards users that also helps creating new business opportunities.

Conclusions – Keys for Bizum's success



Banking sector's response to a demand in P2P instant payments

Bizum's 10 key learnings that help explain its success building an Instant Payments solution

- Open Framework: Participation is open to all credit institutions (registered and supervised by Central Bank).
- **Coo-petition:** Free competition between participants to enrol users and offer value added services on top of a common standard (free competition on prices, promotions, and additional features).
- Sustainable Business model: Ensuring a fair remuneration to participants and mitigating the potential cannibalisation of other payment instruments.
- **Governance:** Smooth decision-making process and adequate representation of participants to contribute during roadmap definition/execution processes.
- User experience: Homogeneous and attractive to users for its convenience (minimum common UX requirements across all banks).
- Common brand: Allowing for easier recognition and joint marketing campaigns.

- **User trust in the Ecosystem:** Leveraging on bank's secure processes and existing relationship with users (better reputation that other players regarding data sharing and safety).
- P2P as the catalyst for growth: Free service to capture a critical mass that allows for network effects.
- **Goal: Cash displacement** and not the substitution of other existing instruments (controls to avoid wrong use of the service).
- **Continuous evolution:** Rollout of new features and use cases to ensure that Bizum stays up as the leading and most innovative solution, always with a Business case supporting every decision.



THANK YOU FOR YOUR ATTENTION





Fernando Rodriguez Ferrer Chief of Business Development & International expansión fernando.rodriguez@bizum.es



Contact in LinkedIn



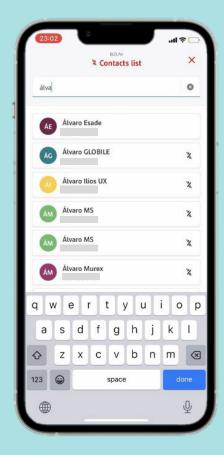
Martín Azcue López New Projects & Innovation lead martin.azcuel@bizum.es

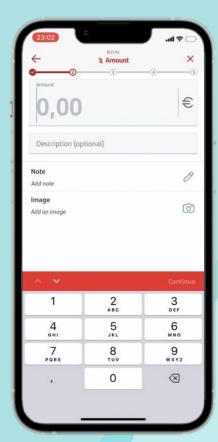


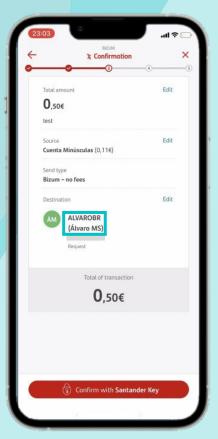
Contact in LinkedIn

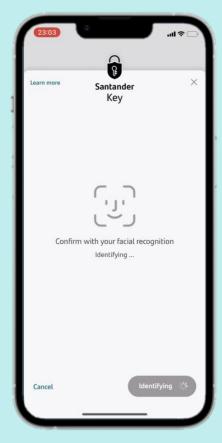
Bizum use cases: P2P

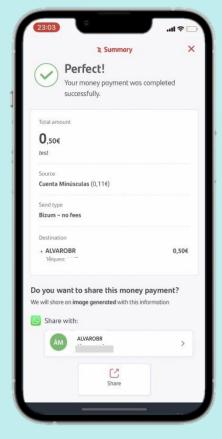












User selects a contact from their contact list. Contacts registered on Bizum are shown with a Bizum logo.

User inputs the amount to send and, optionally, a subject and attachment

User is shown their contact's alias as a Confirmation of Payee that helps ensuring the beneficiary's identity

2FA to confirm the purchase and authenticate the payer

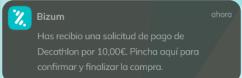
Confirmation screen

Bizum use cases: e-Commerce

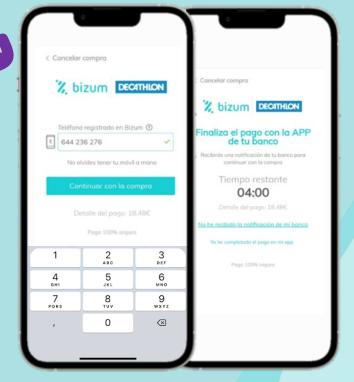


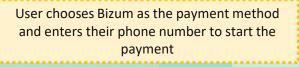
PSD2 compliant, instant-transfer based shopping experience





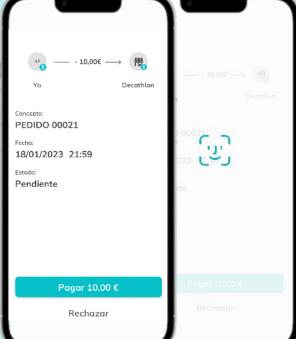








User receives a push notification and accesses their banking app to confirm the payment





User confirms the payment with the authentication factors required by their bank (biometrics, an OTP). Then, customer receives the confirmation of the payment in their banking app





User may receive a notification in his banking app every time

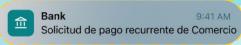
the subscription is charged in

his account

Subscriptions based on MIT transactions







% bizum

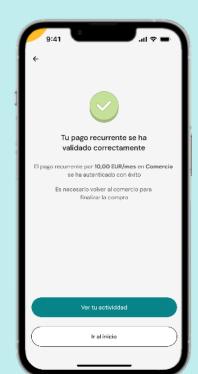
Toca para desbloquear con Face ID.

Entra con tu contraseña

¡Hola, Alicia F. S.!







User chooses Bizum as payment method

← Cancelar compra

estás registrado en Bizum

Introduce el número de teléfono con el que

Introduce tu número

Esté atento a su app bancaria

Importe: 10,00€

Continuar compra

Pago ICO% seguro

User receives a push notification and enters his banking app



9:41 AM

🙃 Se ha realizado un pago recurrente con

Bizum en Comercio

User confirms the subscription