Enhancing mobility for millions

PARIS 2024

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Thales experience in ticketing: fare media issuance

Major Wallets
In Hong Kong, Paris…
more to come

+150
Transport operator customers worldwide

+340M
Thales transport cards in the field

+30 years'
experience

Paris city & region

Denmark

Taiwan

Montreal region

PARIS Calypso

HONG KONG FeliCa

NETHERLANDS EMVCo

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Mobile ticketing is about User Experience

Customer satisfaction

> Increased ridership
> Transit agency brand image
> Consistent use cases in the wallet

Lower cost of operation

High adoption leads to:

> Lower issuance costs
> Higher throughput
> Shorter dwell time

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Behind the mobile « Passe Navigo » Success

1

Seamless Enrolment

> Multiple apps

> A large portfolio of products available in the apps and the wallet

> Purchase in a few clicks

2

Tap and Travel

> Tap without any interaction with the screen

> Be informed in real time

3

After Travel

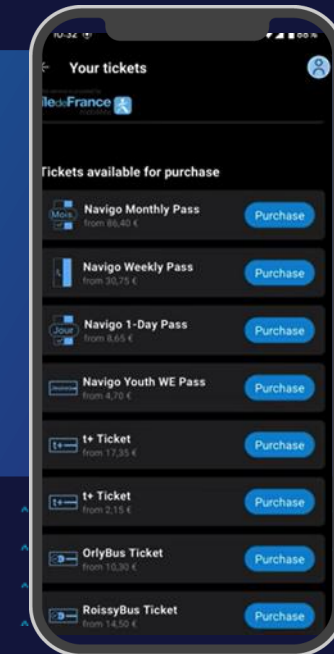> Manage your tickets and accounts

> Manage your devices

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Use the app you already have

Bonjour RATP

Ile-de-France Mobilités
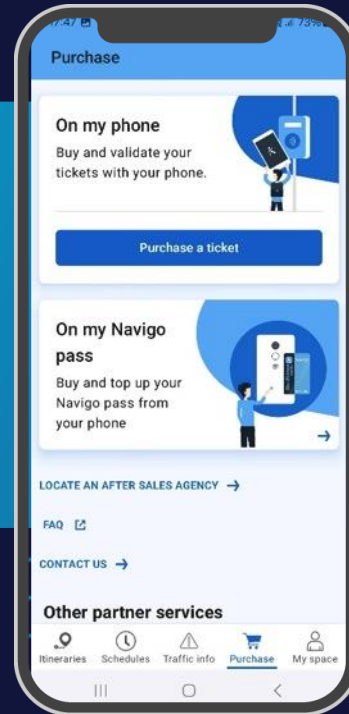
SNCF Connect

THALES
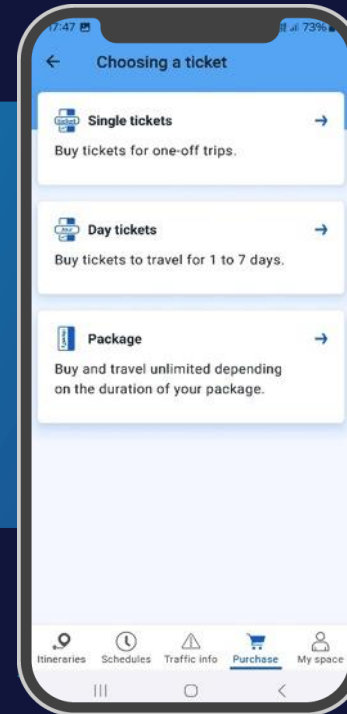Building a future we can all trust

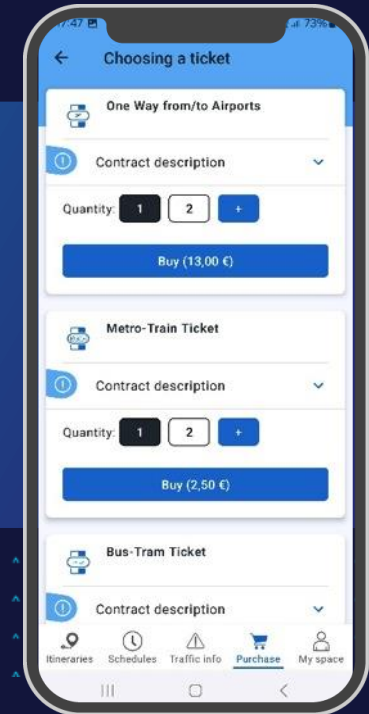# Buy a « Passe Navigo » in a few seconds from IDFM app
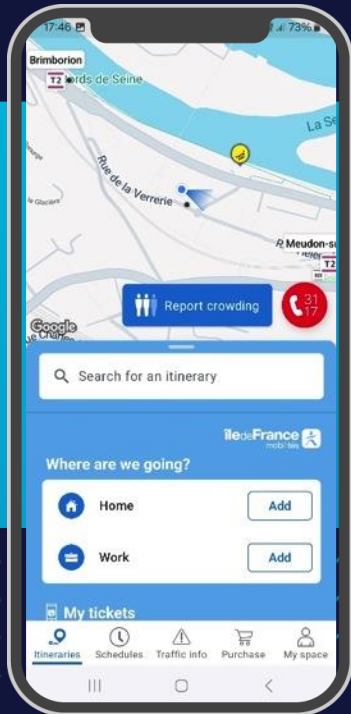
Choose
« purchase » menu

Choose to have tickets
« on my phone »

Choose
the type of ticket
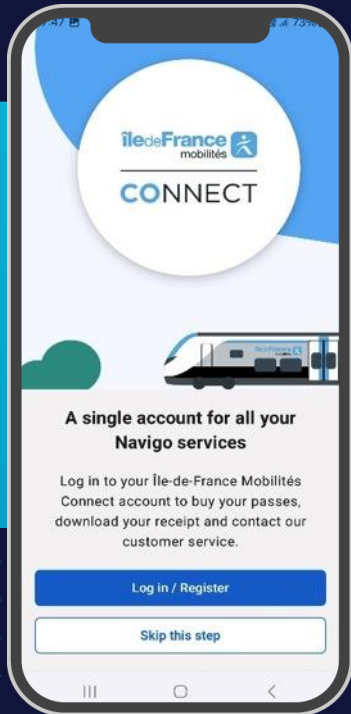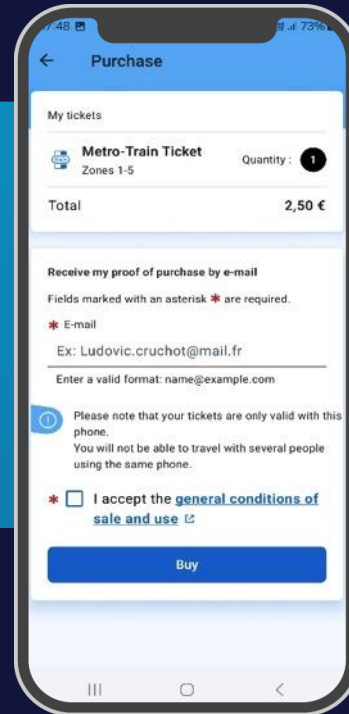
Choose
the number or tickets

THALES
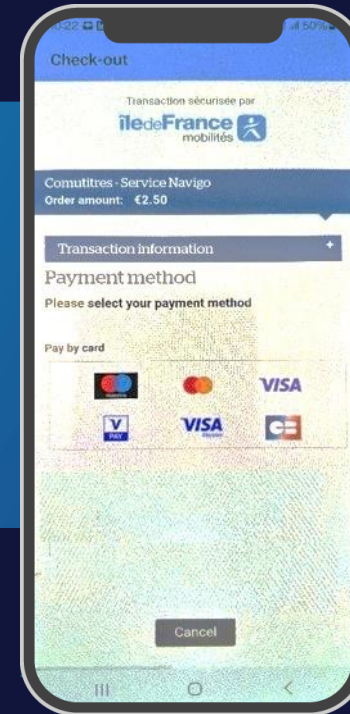Building a future we can all trust

Buy a « Passe Navigo » in a few seconds from IDFM app

Connect account
or remain anonymous

Choose
the payment method

Pay from app
or with a card in wallet

Ticket balance
is updated

The masterkey to the city
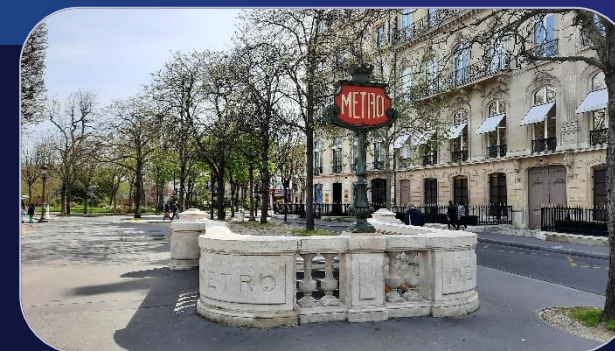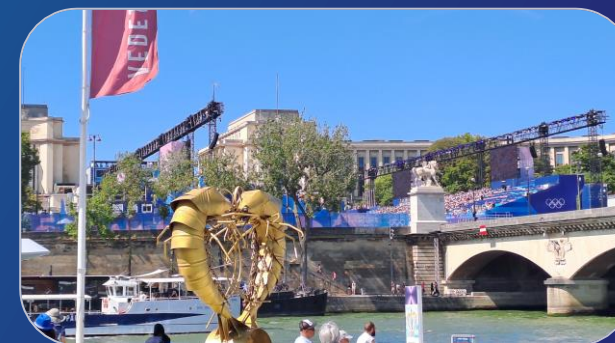

GETTING TO THE COMPETITION VENUE

Find plans for getting to the competition venues in our app.

To make things as smooth as possible, we recommend arriving at least 90 minutes before the start of your session. **Re-entry is not permitted after exiting the venue.**

WATER POLO
PARIS LA DÉFENSE ARENA
NANTERRE
View access plan

Don't forget to download the Paris 2024 Public Transport app to follow your personalised route in real time.

Download the app

Move anywhere, anytime
Paris 2024 Pass

Déplacez-vous en illimité dans toute l'Île-de-France

PARIS 2024 TRANSPORT PUBLIC

Know it

Get it

Use it
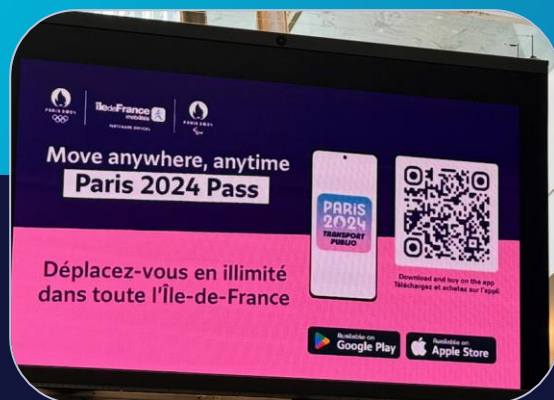
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For non users of apps
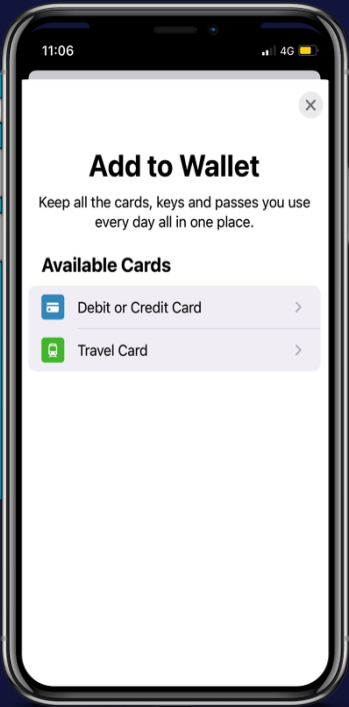
Open the Wallet
Request a transit card
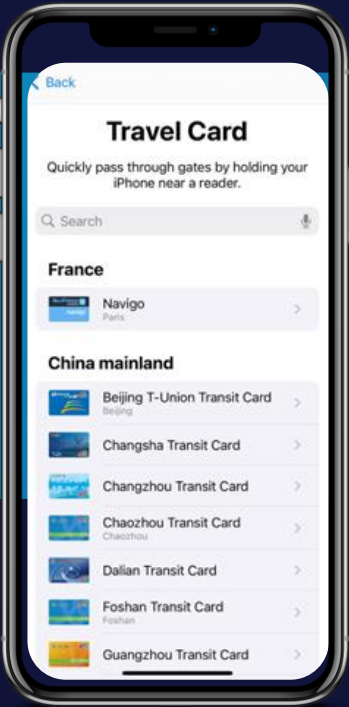
Chose a Navigo card
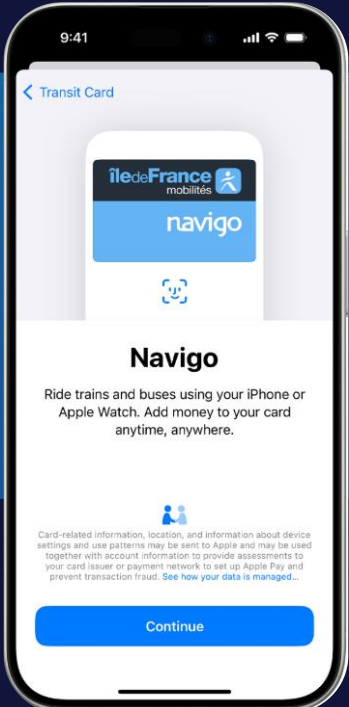
Accept T&C

Select card to purchase

For non users of apps

Agree to Issuer Terms
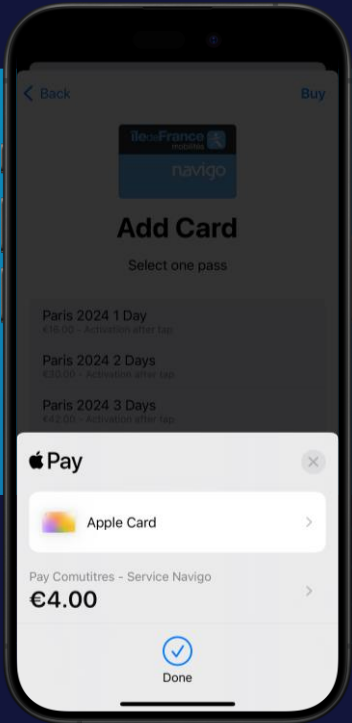
Pay with Apple Pay
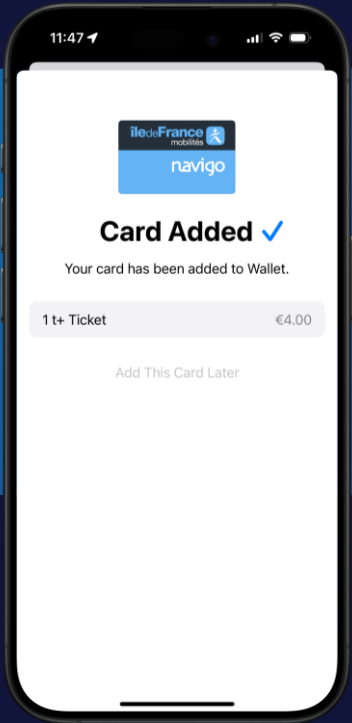
Card is added to Wallet
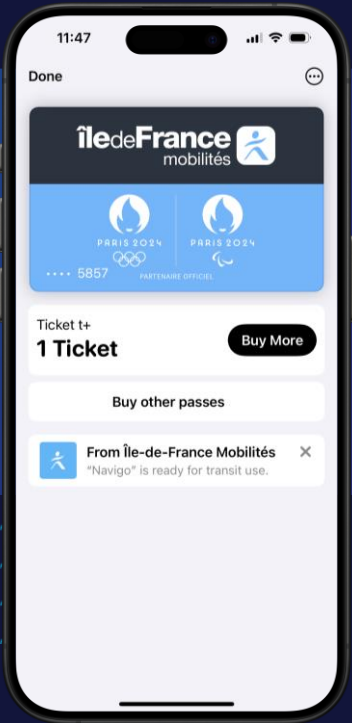
Card is ready!

You can now travel

« Passe Navigo » card is selected
and displayed

Card is displayed
in the Wallet

« Passe Navigo » may be
transferred to your watch

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A comprehensive set of digital use cases through apps and wallets

Cards/accounts

> **Request transit cards** from wallet and apps
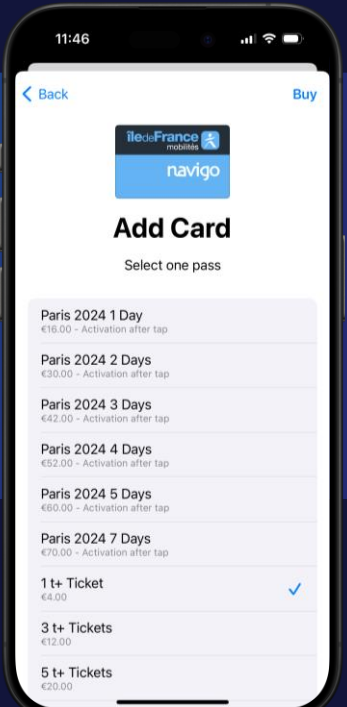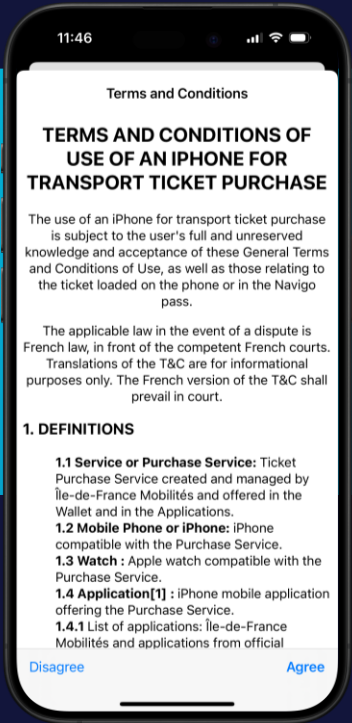
> Create and manage **family accounts**

> Be **notified** when entering a geofence

Tickets

> **Buy** and (auto) **renew** passes

> Buy and (auto) **top up** stored value accounts

> Display complete relevant **information**

> Set thresholds and be be **alerted**

Devices

> Manage **life cycle** (suspend, resume, delete)

> Transfer to **watch**

> Transfer to **new phone**

> Transfer to **family member's** device

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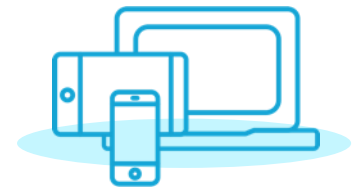
Tap experience with iPhones

No need to wake up the phone
Express Transit card is selected by default, Wallet pops up on tap
Balance ids updated

And it also works
with an empty battery

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Promotion is a must to ensure success

More adoption and ridership boosters

IDFM launched new fares January 1st

> Cheaper

> Simpler

> 2 types of ticket to travel in Ile-de-France*

Plus airport tickets

Geo fencing

> Increased awareness of visitors

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No reasons not to leave your car home

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Technologies supported by the wallets and Thales D1 platform capabilities

	EMV White Label	CALYPSO	DESFIRE	FELICA
Apple Pay	✓	✓	✓	✓
Samsung Pay	✓	✓	Not yet	✓
Google Pay	✓	Not yet	NXP exclusivity	✗
HCE applications	✓	✓	NXP exclusivity	✓

With EMV

> Benefit from the largest mobile reach

> Be future proof and rely on open standards

One step beyond in infrastructure rationalisation: EMV White label

translink

Transit UX

Ticket sales and traveller information

Minimum CAPEX

EMV/ ABT for Open-loop **and** Closed-loop ticketing

Minimum OPEX

White Label EMV for authentication

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EMV white label enables Open-loop/Closed-loop rationalisation
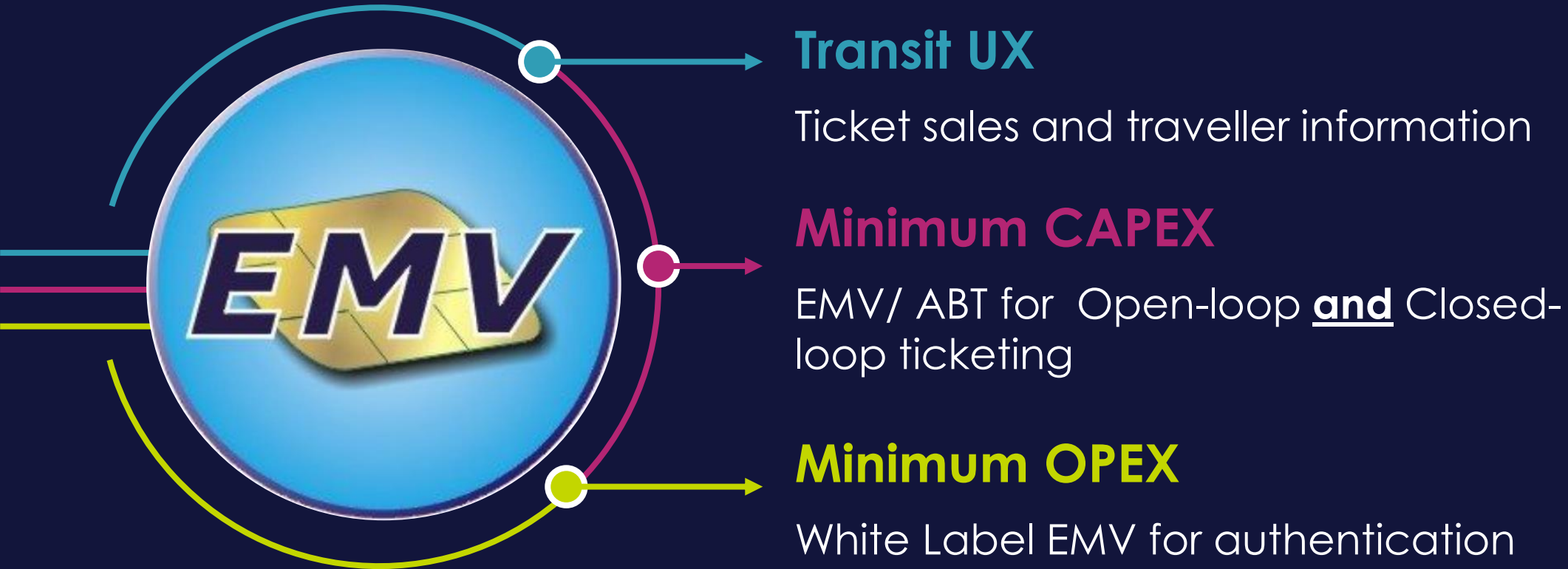
D1: Enabling issuance of transit cards by transit agencies

Core Ticketing System

CMS

Personalisation and fulfilment

Digitisation

Notification & Product sales

Powered by EMV White label

Apple Pay   HCE   Google Wallet
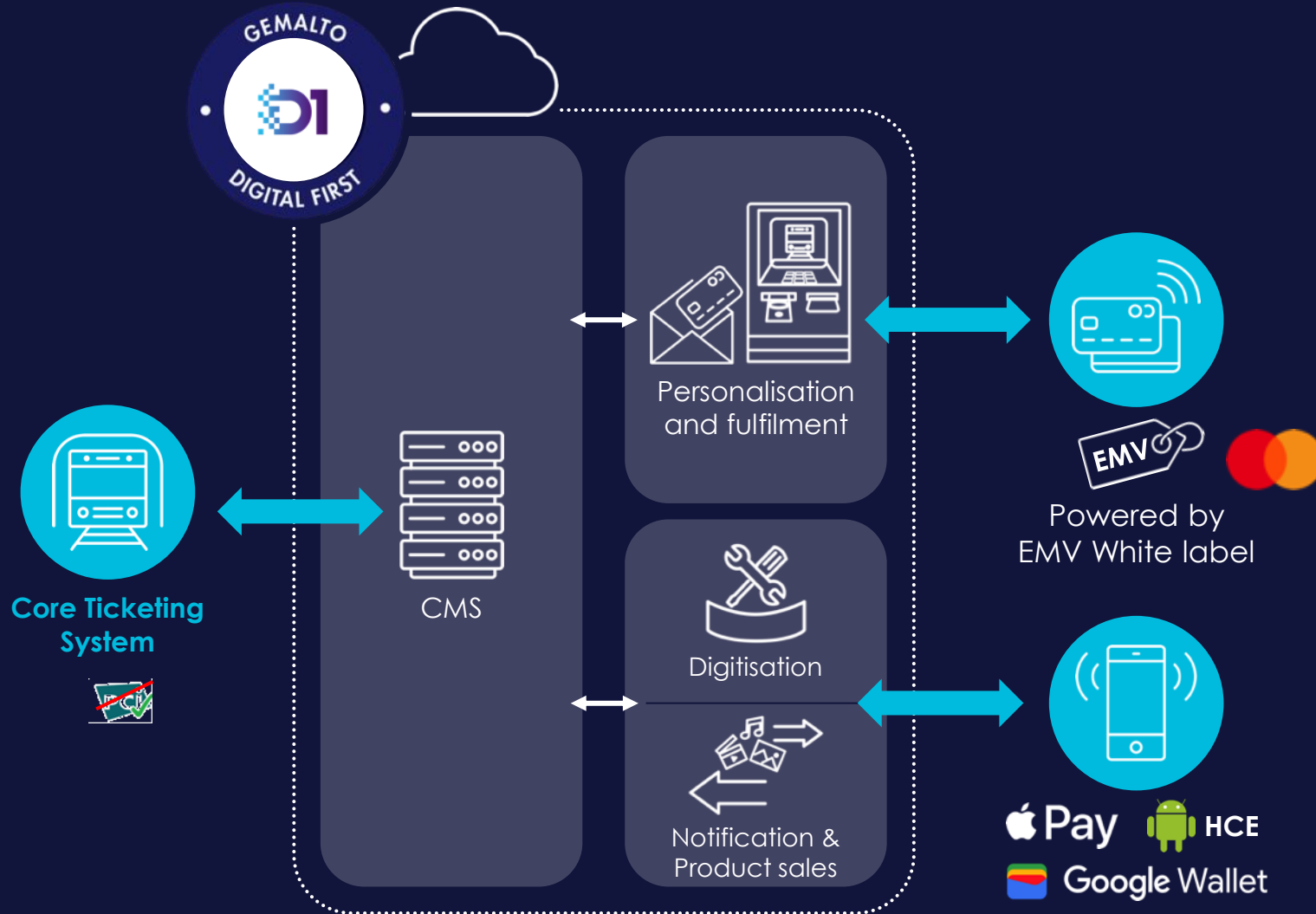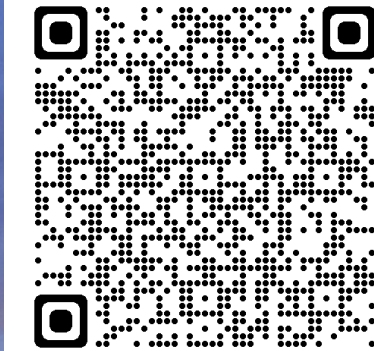
> The solution **maps EMV PANs** to the ABT account IDs

> **Events** are notified to the wallets in real-time

> Fare products are **sold** in wallet

> Real Time **APIs**

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TAKE AWAY
Thales EMV White Label solution: highest adoption and lowest cost

GEMALTO
DIGITAL FIRST
D1

Transit UX
Ticket sale and information

Minimum CAPEX
EMV/ ABT for Open-loop
and Closed-loop ticketing

Minimum OPEX
White Label EMV for authentication

THALES
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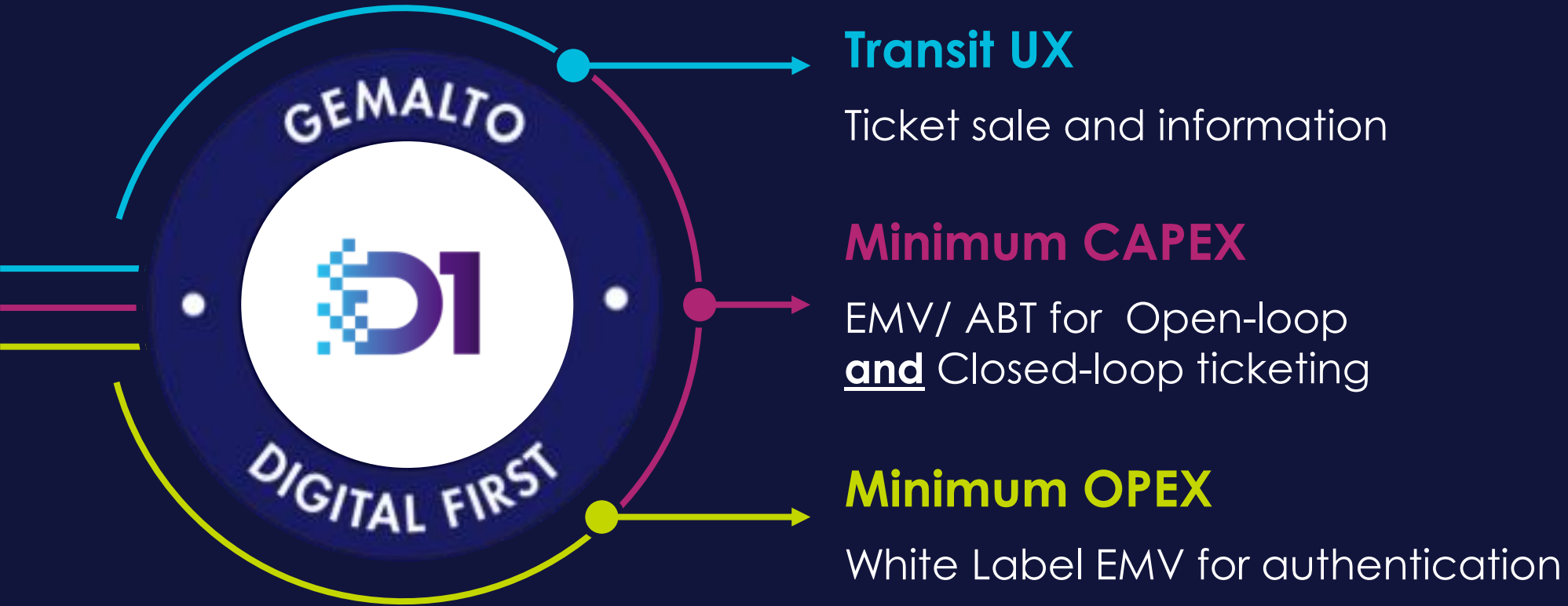
Give a lift to your
Fare Collection System

Meet us on Stand E24
More about Thales offer:

[Transit Ticketing Solutions by THALES](#)