



ENTERPRISE MOBILITY PROPOSAL

RENT-A-CAR, REIMAGINED

Counter-less rent-a-car solution

A frictionless mobile check-in and pickup layer.
No new branch hardware required.

MOBILE FIRST

API CONNECTED

SECURITY BUILT-IN

ALEX YANKELEVICH / MANAGING DIRECTOR

RENT-A-CAR OPERATION / CONCEPT VIEW

READY

IDENTITY

VERIFIED

AGREEMENT

SIGNED

DEPOSIT

SECURED

CUSTOMER JOURNEY



Gate pass & vehicle pickup

One connected flow from client's mobile to parking lot



A complete rent-a-car journey. Entirely digital.

Move identity verification, agreement signing and deposit authorisation ahead of the branch visit.

THE EXPERIENCE SHIFT

From the queue to the car.

Renters receive a mobile link, complete required checks and head directly to their assigned pickup location.

NO APP DOWNLOAD

EXISTING SYSTEMS



CLOUD ARCHITECTURE

Secure API integrations with existing reservation and fleet systems.



MOBILE WEB FLOW

Multilingual self-service via SMS, WhatsApp or email link.



PRODUCTION-GRADE DESIGN

Certified identity partners, e-signature and tokenised payments.



Four requirements. One seamless experience.

The solution is designed to work with renters' phones and existing branch systems.

01



SOFTWARE & MOBILE ONLY

An SMS, WhatsApp or email link opens a multilingual mobile-web journey; a loyalty app is optional.

02



NO HARDWARE

The customer's camera captures documents; staff can validate digital passes using existing mobile phones.

03



TRUSTED VERIFICATION

Certified document checks, selfie liveness, compliant e-signatures and secure card tokenisation.

04



COUNTER-LESS PICKUP

Bay details, a digital gate pass and supported connected-vehicle access guide customers to the car.



Four steps before the customer arrives to a parking lot.

Eligibility and contractual checks are completed on the renter's own phone.

RENTA-A-CAR / CHECK-IN

CHECK IN BEFORE ARRIVAL

1 Documents

2 Identity match

3 Contract

4 Deposit

SECURE MOBILE WEB

01 INVITATION

Multilingual SMS, WhatsApp or email link is sent after booking.



02 IDENTITY & LICENCE

Passport and driving licence captured by phone camera or NFC.



03 BIOMETRIC MATCH

Risk-based selfie liveness aligns the renter with document imagery.



04 RULES & CONTRACT

Eligibility checks and e-signed rental agreement complete the flow.





From pick-up to return. No counter detour.

Deposit, bay assignment, gate access and return status connect within the same workflow.

05

SECURE PAYMENT

Tokenised card details and deposit pre-authorisation via a payment gateway.



06

BAY ASSIGNMENT

Arrival information and flight tracking deliver the allocated parking bay.



07

DIGITAL GATE PASS

Wallet-compatible pass and phone-as-key where fleet and gate technology permit.



08

AUTOMATED RETURN

Drop-off photos, telematics data and digital e-receipts close the journey.



RENTA-A-CAR / PICKUP

READY FOR PICK-UP

IDENTITY VERIFIED

YOUR VEHICLE

BAY B-24

Digital gate pass



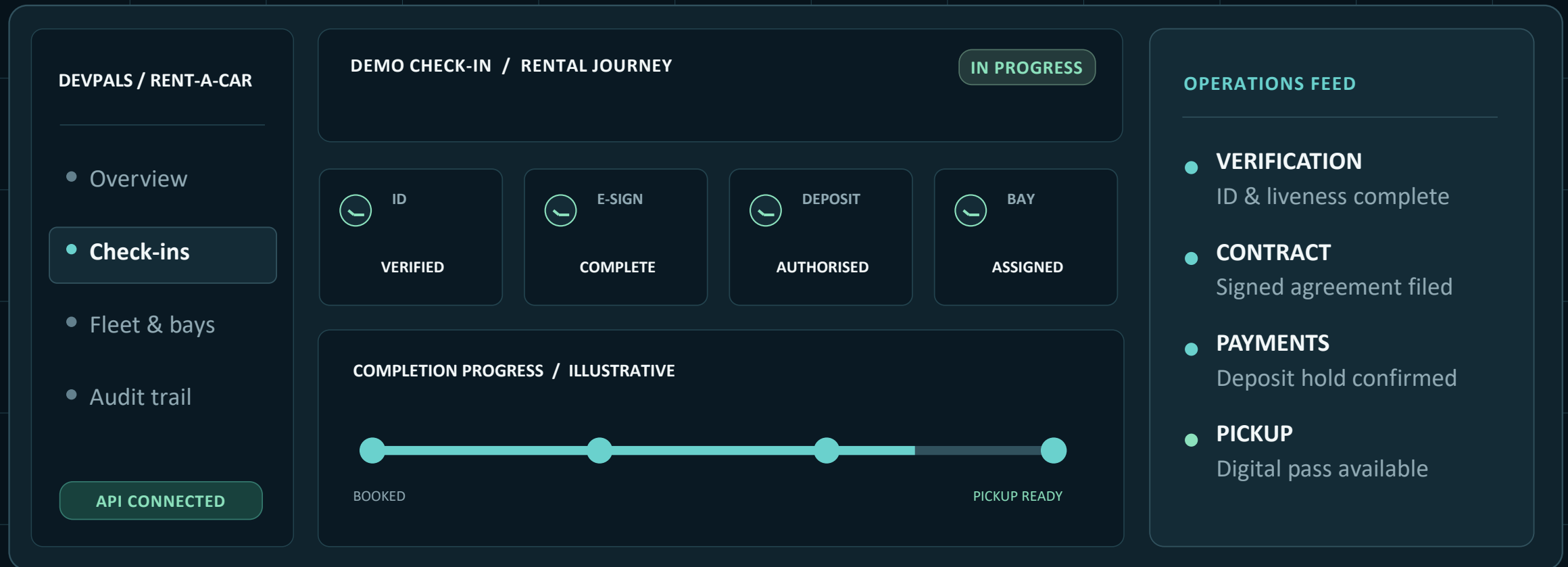
PASS AVAILABLE



Every handoff visible in one control centre.

Illustrative operations dashboard, showing how a single check-in can move towards pickup readiness.

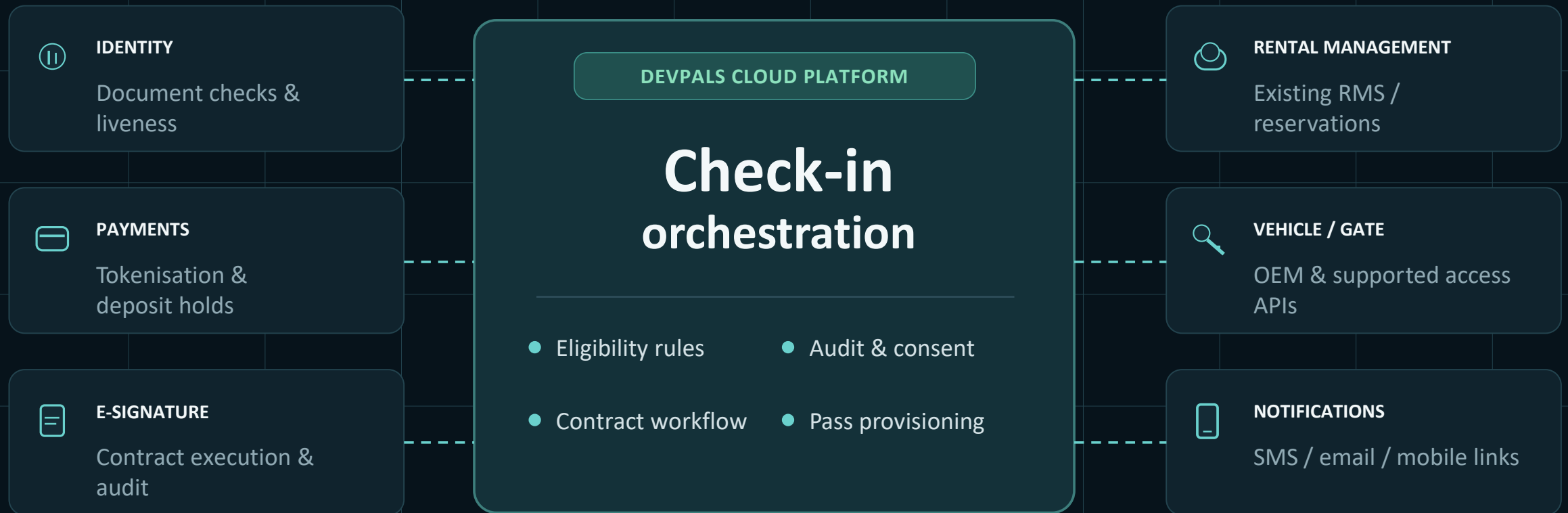
PRODUCT CONCEPT / NOT LIVE DATA





One cloud core. Modular, API-first connections.

Dedicated adapters keep critical external services separate from the check-in orchestration layer.



Integration interfaces and vehicle/gate capabilities are confirmed during discovery; the diagram is a proposed architecture.



Trust is embedded into every transaction.

Privacy controls, legally auditable signatures and reduced card-data exposure are core design goals.



PRIVACY BY DESIGN

Data minimisation, encryption in transit and at rest, role-based permissions and traceable access logs.

DATA GOVERNANCE



VALID E-SIGNATURES

Timestamped signed PDFs link verified customer identity with tamper-evident signature audit records.

AUDITABLE CONSENT



MINIMAL PCI SCOPE

Hosted payment fields and secure tokenisation keep raw cardholder details off platform servers.

TOKENISED PAYMENTS

Security controls and legal validity must be assessed against the deployment jurisdictions, vendors and customer policies.



From discovery to live branches — in four phases.

A measured rollout validates integrations and customer operations before scaling across locations.

01

DISCOVERY

WEEKS 1–3

Workshops, RMS API assessment, fleet/gate audit and KPI alignment.

02

MVP BUILD

WEEKS 4–19

Web check-in, e-sign, deposit pre-authorisation, staff tools and RMS integration.

03

LIVE BRANCH PILOT

WEEKS 20–27

Pilot with real customers at one branch, monitored through weekly KPI reviews.

04

SCALE-OUT

ONGOING

Branch-by-branch rollout, supported phone-as-key enablement and operations support.

Timings are indicative, subject to interface access, fleet/gate compatibility and pilot acceptance.



Senior-led engineering. Focused execution.

DevPals works directly with technical and operational stakeholders to move from design to deployment.

IT ENGINEERING PARTNER

DevPals Ltd Boutique expertise. Enterprise discipline.

Hands-on senior IT engineers and travel-technology experts work directly with your team.

DIRECT TECHNICAL OWNERSHIP

THE IMMEDIATE NEXT STEPS

01

TECHNICAL WORKSHOP

Align IT and operations around the desired user journey and constraints.

02

SYSTEMS & FLEET AUDIT

Review RMS interfaces and supported vehicle / gate models.

03

DISCOVERY & ESTIMATE

Confirm MVP scope, requirements, responsibilities and delivery estimate.

[START WITH DISCOVERY](#)

Make the counter optional.

Partner with DevPals to bring mobile-first check-in and pickup to your rent-a-car operation.

ALEX YANKELEVICH

Managing Director · DevPals Ltd

alex@devpals.co.uk

+44 20 4577 2892 (ext. 102)

TO BEGIN, WE NEED

- 01 Reservation-system API documentation documentation or export schema
- 02 Booking and fleet data, including makes and model years
- 03 Technical contact for API credentials and integration access
- 04 Operations lead for business rules and acceptance testing