v1 — Online (sandbox open; live keys at onboarding)

Teksi Ride Partner API — v1

Rider-side Partner API for airlines and airports: quotes, bookings, tracking, passenger–driver chat, and automatic flight notices. Open to airline and airport partners worldwide. Sample payloads are illustrative — no secrets, no live fares.

> **Status**
> The API is online at the base URLs below. Sandbox keys are issued after an NDA is signed, for integration testing (no real dispatch). Live keys are issued per partner after onboarding and a signed commercial agreement.

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1. Overview and use cases

Teksi Ride (teksiride.com) is a ride-hailing app, currently live in South Africa (ZA, ZAR) and Zimbabwe (ZW, USD), with more countries being added. The Partner API is open to airlines, airports and travel partners anywhere in the world; rides can be booked in any country Teksi Ride operates in. This Partner API lets airline and airport systems create fare quotes and manage bookings on behalf of riders — passengers, crew, and VIP guests — without building their own dispatch stack.

Typical partner use cases:

- Airline crew transport — scheduled or on-demand rides billed to the airline partner account
- Passenger ground transfers — meet-and-greet at a terminal curb with optional flight number
- Airport taxi desks and kiosks — quote and book from a desk or self-service terminal

- VIP / premium transfers — airport-category vehicles with corporate billing

2. Scope

> **Rider-side only**
>
> Partners act as booking agents for riders. The API exposes quotes, bookings, cancellation, trip tracking, and booking-scoped chat. It does not expose driver registration, driver accounts, fleet management, or any driver-side control plane.

In scope	Quotes, bookings, cancel, tracking, passenger–driver chat, flight notices, service areas, partner webhooks, partner billing
Out of scope	Driver apps, driver onboarding, driver payouts, dispatcher tools, rider consumer auth
Markets	Open to partners worldwide. Rides are currently available in ZA (South Africa) and ZW (Zimbabwe), with more countries added over time — check `GET /service-areas` for the live list.
Ride concepts	Immediate and scheduled bookings; airport transfers; shared / pool where offered in-market

3. Environments and base URL

Environment	Base URL	Purpose
Sandbox	`https://teksi.teksiride.workers.dev/partner/sandbox/v1`	Integration testing with sandbox keys; simulated drivers, no real dispatch
Production	`https://teksi.teksiride.workers.dev/partner/v1`	Live bookings through normal Teksi dispatch (live keys only)

All paths below are relative to the environment base URL. JSON request and response bodies use `Content-Type: application/json` and UTF-8. Each environment has an unauthenticated health check at `/health`. Sandbox keys start with `tsk_test_` and live keys with `tsk_live_`; a key only works on its own environment.

4. Authentication

Each partner receives one or more API keys. Send the key as a Bearer token on every request:

`Authorization: Bearer PARTNER_API_KEY_PLACEHOLDER`

- Keys are per partner and scoped to sandbox or production
- To replace a key, contact partners@teksiride.com; a lost or exposed key can be switched off immediately without affecting other partners
- Never embed keys in client-side or kiosk-public code; call from your backend only

5. Rate limits and idempotency

Rate limit	120 requests / minute / partner key
Quota headers	X-RateLimit-Limit, X-RateLimit-Remaining, X-RateLimit-Reset
Idempotency	Send Idempotency-Key (UUID) on POST /quotes and POST /bookings

Replaying the same Idempotency-Key with the same body within 24 hours returns the original result without creating a duplicate booking. A conflicting body with a reused key returns `409 idempotency_conflict`.

6. Endpoints

All samples use placeholder data — not live Teksi fares or credentials.

POST /quotes

Fare estimate before booking.

Sample request

```
{"country":"ZA","ride_type":"airport","pickup":
{"lat":-26.1332,"lng":28.2420,"terminal":"A","label":"OR Tambo Intl — Terminal A"},"dropoff":
{"lat":-26.2041,"lng":28.0473,"label":"Sandton City"},"scheduled_at":null,"passengers":1}
```

Sample response

```
{"quote_id":"qte_01JPLACEHOLDER","currency":"ZAR","amount_total":450.00,"amount_excl_vat":391.30,"
vat":58.70,"distance_km":28.4,"duration_min":35,"expires_at":"2026-11-
09T08:15:00+02:00","ride_type":"airport","country":"ZA"}
```

Supported `ride_type` values: `adhoc`, `airport`, and `shared` (pool) where available in that country.

POST /bookings

Create an immediate or scheduled ride for a passenger/crew rider.

Sample request

```
{"quote_id":"qte_01JPLACEHOLDER","country":"ZA","ride_type":"airport","pickup":
{"lat":-26.1332,"lng":28.2420,"terminal":"A","label":"OR Tambo Intl — Terminal A"},"dropoff":
{"lat":-26.2041,"lng":28.0473,"label":"Sandton City"},"scheduled_at":"2026-11-
09T14:30:00+02:00","flight":{"number":"SA123","airline_code":"SA","scheduled_arrival":"2026-11-
09T14:10:00+02:00"},"passenger":{"name":"Alex
Passenger","phone":"+27000000000","email":"passenger@example.com"},"payment_mode":"partner_account
","partner_reference":"PNR-ABC123","notes":"Meet at arrivals — name board"}
```

Sample response

```
{"booking_id":"bkg_01JPLACEHOLDER","status":"confirmed","currency":"ZAR","amount_total":450.00,"sc
heduled_at":"2026-11-09T14:30:00+02:00","payment_mode":"partner_account","partner_reference":"PNR-
ABC123","tracking_url":"https://teksiride.com/t/PLACEHOLDER"}
```

`payment_mode`: `partner_account` or `passenger_pays`. Omit `scheduled_at` for immediate dispatch.

GET /bookings/{id}

Retrieve booking status and details.

Sample response


```
{"booking_id":"bkg_01JPLACEHOLDER","status":"driver_assigned","country":"ZA","ride_type":"airport"
,"pickup":{"lat":-26.1332,"lng":28.2420,"terminal":"A"},"dropoff":
{"lat":-26.2041,"lng":28.0473},"scheduled_at":"2026-11-09T14:30:00+02:00","flight":
{"number":"SA123","status":"on_time"},"passenger":{"name":"Alex
Passenger","phone":"+27000000000"},"vehicle":{"category":"airport","label":"Assigned
vehicle","plate_masked":"CA •••• 123"},"driver_display":{"name":"Jordan
D.","rating":4.9},"amount_total":450.00,"currency":"ZAR","payment_mode":"partner_account"}
```


`driver_display` and masked plate are rider-facing presentation fields. Partners cannot list, assign, or manage drivers through this API.

PATCH /bookings/{id}

Update pickup time and/or flight details before trip start.

Sample request


```
{"scheduled_at":"2026-11-09T15:05:00+02:00","flight":{"number":"SA123","scheduled_arrival":"2026-
11-09T14:45:00+02:00","delay_minutes":35}}
```


Sample response


```
{"booking_id":"bkg_01JPLACEHOLDER","status":"driver_assigned","scheduled_at":"2026-11-
09T15:05:00+02:00","flight":
{"number":"SA123","status":"delayed","delay_minutes":35},"updated_at":"2026-11-09T13:40:00+02:00"}
```


When `scheduled_at` changes and a driver is already assigned, the platform notifies that assigned driver of the new pickup time only (no reassignment).

POST /bookings/{id}/cancel

Cancel a booking on behalf of the rider.

Sample request


```
{"reason":"flight_cancelled","note":"Inbound flight cancelled by carrier"}
```


Sample response


```
{"booking_id":"bkg_01JPLACEHOLDER","status":"cancelled","cancelled_at":"2026-11-
09T13:42:00+02:00","cancellation_fee":0,"currency":"ZAR"}
```

GET /bookings/{id}/tracking

Rider-view live location and ETA for an assigned trip.

Sample response


```
{"booking_id":"bkg_01JPLACEHOLDER","status":"driver_assigned","eta_minutes":12,"driver_location":
{"lat":-26.1501,"lng":28.2104,"updated_at":"2026-11-09T14:18:00+02:00"},"pickup":
{"lat":-26.1332,"lng":28.2420,"terminal":"A"}}
```


Available after `driver_assigned` until completed or cancelled. Trip-scoped rider tracking only.

GET /service-areas

List supported airports, terminals, and operating countries. Query example: `GET /service-areas?country=ZA`

Sample response


```
{"countries":[{"code":"ZA","currency":"ZAR","active":true},
{"code":"ZW","currency":"USD","active":true}],"airports":[{"code":"JNB","name":"O.R. Tambo
International","country":"ZA","terminals":["A","B"],"active":true},{"code":"CPT","name":"Cape Town
International","country":"ZA","terminals":["1"],"active":true},{"code":"HRE","name":"Robert
Gabriel Mugabe International","country":"ZW","terminals":["1"],"active":true}]}
```


POST /bookings/{id}/messages · GET /bookings/{id}/messages

Passenger–driver chat for an active booking (partner sends on behalf of the passenger).

Sample POST body


```
{"body":"I am at arrivals — Terminal A"}
```


Sample POST response


```
{"message_id":"msg_01JPLACEHOLDER","booking_id":"bkg_01JPLACEHOLDER","sender":"passenger","body":"
I am at arrivals — Terminal A","created_at":"2026-11-09T14:20:00+02:00"}
```


Allowed from `driver_assigned` through `completed`. Messages sanitized and capped (maximum 500 characters). Driver replies arrive as webhook `message.received`.

PUT /webhooks · GET /webhooks

Register or inspect the partner HTTPS callback URL and event subscriptions. Webhook secret is shown on register/replace (store securely).

POST /bookings/{id}/flight-sync

Sandbox only: simulates a flight status (delayed, landed or departed) so you can test the driver notices and webhooks. In production this returns 501, because flight changes are sent with PATCH /bookings/{id}.

7. Passenger–driver chat

Partners can relay short messages to the assigned driver on behalf of the passenger, and read the thread for that booking. Booking-scoped rider chat only.

- `POST /bookings/{id}/messages` — send as passenger
- `GET /bookings/{id}/messages` — list thread
- Allowed statuses: driver_assigned, driver_arrived, in_progress, completed
- Adapter hooks for live wiring: `sendRiderMessage`, `listMessages`
- When the driver replies, partners receive webhook `message.received`

8. Flight-aware pickups and notices

Partners may attach a flight number and scheduled arrival when creating or updating a booking. In sandbox, `POST /bookings/:id/flight-sync` uses a mock feed. In production, flight-sync returns `501 flight_data_not_configured`; partners move pickups with `PATCH scheduled_at`, and the assigned driver is told the new time.

> **Automatic notices**
>
> On delayed, landed, or departed, Teksi notifies the assigned driver and the passenger/partner via webhooks `flight.delayed`, `flight.landed`, or `flight.departed`. On delay, pickup time is also adjusted and only the assigned driver is updated — no reassignment, no automatic fare change.

- Flight data source: flight updates sent by the partner with PATCH /bookings/{id}
- delayed — adjust scheduled_at + driver pickup notify + flight.delayed webhook
- landed / departed — driver flight-status notify + matching webhook
- If no driver is assigned yet, booking fields still update; driver notify is skipped

9. Webhooks

Partners register an HTTPS callback URL. Teksi POSTs JSON event payloads when a booking progresses.

Event	When it fires
`booking.confirmed`	Booking accepted and awaiting dispatch / schedule
`driver.assigned`	A driver is assigned to the booking
`driver.arrived`	Assigned driver marked arrived at pickup
`trip.started`	Trip in progress
`trip.completed`	Trip completed; final amounts available
`booking.cancelled`	Booking cancelled by partner, rider, or system
`message.received`	Driver replied on the booking chat thread
`flight.delayed`	Flight adapter reported a delay (pickup may be adjusted)

Event	When it fires
`flight.landed`	Flight adapter reported landed
`flight.departed`	Flight adapter reported departed

Sample webhook payload

```
{"id":"evt_01JPLACEHOLDER","type":"driver.assigned","created_at":"2026-11-
09T14:05:00+02:00","data":
{"booking_id":"bkg_01JPLACEHOLDER","status":"driver_assigned","eta_minutes":18,"partner_reference"
:"PNR-ABC123"}}
```

Signature verification

Each delivery includes header `X-Teksi-Signature: t=TIMESTAMP,v1=HMAC_SHA256_HEX` where the signed string is `TIMESTAMP + "." + raw_body` and the key is the partner webhook secret. Reject if the timestamp is older than 5 minutes or the HMAC does not match.

Retries

Failed deliveries (non-2xx or timeout) are retried up to 5 times, after 1 minute, 5 minutes, 15 minutes, 1 hour and 6 hours. Partners should treat events as at-least-once and dedupe on `id`.

10. Booking status lifecycle

Flow: `confirmed` → `driver_assigned` → `driver_arrived` → `in_progress` → `completed`. Cancel may occur from confirmed / assigned / arrived (dashed transitions).

Status	Meaning
`confirmed`	Booking created; waiting for schedule or dispatch
`driver_assigned`	Driver assigned; tracking may begin
`driver_arrived`	Driver at pickup
`in_progress`	Trip underway
`completed`	Trip finished
`cancelled`	Booking cancelled; terminal state

11. Errors

Errors return a consistent JSON body:

```
{"error":{"code":"invalid_request","message":"pickup.terminal is required for airport
ride_type","request_id":"req_01JPLACEHOLDER"}}
```

HTTP	code	When
400	invalid_request	Validation failed

HTTP	code	When
401	unauthorized	Missing or invalid API key
403	forbidden	Key not allowed for this action or IP
404	not_found	Unknown booking or quote
409	conflict	Illegal status transition
409	idempotency_conflict	Same Idempotency-Key, different body
422	unprocessable	Quote expired or outside service area
429	rate_limited	Partner rate limit exceeded
500	internal_error	Unexpected server fault
503	unavailable	Temporary outage; retry with backoff

12. Billing and invoicing

When `payment_mode` is `partner_account`, completed trips accrue to the partner's corporate ledger. Invoicing cadence, currency per country (for example ZAR in South Africa and USD in Zimbabwe), and dispute windows are set in the commercial agreement.

- Sandbox bookings never generate real invoices
- Production invoices and statements are emailed from partners@teksiride.com
- `partner_reference` (e.g. PNR or crew roster id) appears on invoice line items where provided

13. Data protection

Partners must process passenger personal information in line with applicable law, including POPIA (Protection of Personal Information Act) for South Africa, Zimbabwe's data-protection requirements, and the data-protection laws of the partner's own country (such as the GDPR) where they apply. Collect only what is needed to fulfil the transfer. Do not use Teksi rider data for unrelated marketing without a lawful basis and Teksi's written agreement.

Webhook endpoints must use HTTPS. Retain booking data only as long as required for operations, compliance, and the partner agreement.

14. Versioning

Current version	v1
URL policy	Major version in path (/partner/v1); breaking changes require a new major version
Compatibility	Additive fields may appear in minor revisions without a path change

15. Support

Partner integrations	partners@teksiride.com
Technical support	partners@teksiride.com
Onboarding	Request access at partners@teksiride.com. Sandbox keys are issued once an NDA is signed (immediately if one is already in place). Live keys are issued after onboarding and a signed commercial agreement.

End of Teksi Ride Partner API v1 reference.
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