

BOUNDLESS · TRADE SIM

Win the tender. Push the work to your SIM.

A SIM-card-first job network for UK trades and contractors.

ENIGMA-signed dispatch · DRR-resilient · Mesh-native



The £200/mo problem.

UK construction runs on broken comms.

£200–£300

Typical mobile bill per site worker,
per month

[2]

60+ days

Average payment lag in UK
construction

[8]

4 networks

No single MNO covers every site
reliably

[1]

Lost work

First-mover wins tenders. Most
trades hear too late.

[3][4]

UK public-sector tenders alone:

£385bn

annual UK public procurement spend addressable via Contracts Finder and Find a Tender.

Add private sector + main-contractor sub-tier work and the dispatchable pool is multiples larger.

[3] gov.uk/contracts-finder · [4] find-tender.service.gov.uk

Trade SIM, in one line.

**One SIM. Four UK networks. ENIGMA-signed job dispatch.
Tender paid up front. Trade paid on signed completion.**

Replaces broken site comms, lead-gen subscriptions, and 60-day payment lag with one product.

Tender → dispatch → paid.

01

Win the tender

Bid partners win UK Contracts
Finder & Find a Tender notices.
Buyer pays into escrow.

02

Match

ENIGMA-signed dispatch payload
geofences A–D rated trades by
postcode + CPV.

03

Push to SIM

30-second accept window.
Fall-through to next-best on decline.

04

Proof + paid

Photo upload sealed in audit chain.
Same-day payout for tier A & B.

[3][4][5][6][13] see appendix

A–D tier ladder.

Vetted trades earn priority dispatch and faster payouts

A

Master

Elite vetted trades.

Rate band:

£320–£480/day

Payout:

Same-day

B

Trusted

Proven on-time delivery.

Rate band:

£260–£380/day

Payout:

Same-day

C

Verified

ID-verified, building rep.

Rate band:

£200–£300/day

Payout:

48h

D

Starter

New trades on the network.

Rate band:

£140–£220/day

Payout:

Weekly

DDRR keeps crews online.

Detect · Defer · Refresh · Reconnect — across four UK MNOs.

Detect

Weak RSRP detected on current carrier.

Defer

Non-critical traffic queued in mesh buffer.

Refresh

Switch to strongest of four UK networks.

Reconnect

Forward-secrecy session re-established. ENIGMA seal preserved.

[1] Ofcom Connected Nations 2024 · [9] internal: mobile/docs/DDRR_TIERS.md · [12] Android managed-config XML

ENIGMA: five pillars.

Every dispatch is sealed. Every proof is signed.

Identity

No persistent address.
Ephemeral keys.

Encryption

Sealed dispatch payloads.
Cannot be spoofed.

Resilience

Bearer-agnostic. Survives
carrier outage.

Fabric Trust

Cross-network trust
without a central broker.

Audit

Hash-chained evidence.
Tamper-evident in court.

[13] internal: ENIGMA Integration Report v3 · [11] sealed audit chain (src/server/ddrr-test.functions.ts)

Mesh-native by default.

Every Trade SIM is an ENIGMA mesh node. When carriers fall over, crews stay reachable over long-range radio, Bluetooth or peer-to-peer TCP. The dispatch payload routes around the outage.

Why this matters for trades

- Storms knock out cell towers — crews still reachable.
- Basements / steel frames / lifts — mesh hops via nearby nodes.
- Sensitive sites — no persistent address, bearer-agnostic.

[7] ENIGMA mesh fabric · [10] internal: [src/server/enigma-mesh.functions.ts](#)

Cash-flow, fixed.

Tender pays up front. Trade paid on completion.

Notice won

Buyer deposits award value into Boundless escrow.

Job dispatched

ENIGMA-signed ping accepted by matched trade.

Job completed

Trade payout fires (same-day for A/B) on sealed proof.

Reconciliation

Platform fee + tender-writer rev share settled weekly.

For main contractors.

Single fleet view

Crew, jobs, payouts, SIMs in one dashboard.

Sealed proof

Photo uploads hash-chained, tamper-evident.

MDM-managed

Lock, wipe, rotate, push config from console.

Mesh resilience

Crews reachable when carriers drop.

Tier-aware payouts

Same-day for A & B on signed completion.

Compliance-ready

Ofcom GC9, GDPR, MOD-grade audit trail.

Tender-writer rev share.

You write it. We dispatch it.

15%

Of platform margin per dispatched notice.

24h

Notice → first dispatched ping.

UK-wide

All four MNOs via the Trade SIM.

Roadmap.

Now

Trade SIM live across UK MNOs · DDDR managed-config (Android) · ENIGMA dispatch fabric · Mock tender feed.

Q3 2026

Live Contracts Finder / Find a Tender ingestion · Contractor MDM console · Same-day payout rails.

Q4 2026

iOS via ABM enrolment · ENIGMA mesh hardening · Tender-writer marketplace open.

2027

Cross-border tender feeds · Specialist trade SIM tiers · Open dispatch API for partners.

The ask.

Three paths in.

Trades

Order a Trade SIM. Get pinged when work matches.

trade@boundlessmobile.uk

Contractors

Pilot the fleet console with one of your sub-tiers.

trade@boundlessmobile.uk

Tender writers

Apply to the rev-share programme.

partners@boundlessmobile.uk

Sources & references.

Every claim cited. UK gov / Ofcom / public manuals / internal repo paths.

- [1] Ofcom — Connected Nations 2024 (UK fixed and mobile coverage)
- [2] Ofcom — Pricing trends for communications services 2024
- [3] UK Gov — Contracts Finder ([gov.uk/contracts-finder](https://www.gov.uk/contracts-finder))
- [4] UK Gov — Find a Tender (find-tender.service.gov.uk)
- [5] Cabinet Office — Procurement Act 2023 statutory guidance
- [6] Ofcom — General Conditions of Entitlement (GC9 — switching)
- [7] ENIGMA mesh fabric — Boundless technical overview
- [8] BEIS / DBT — Construction industry payment & cash-flow review
- [9] Internal: `mobile/docs/DDRR_TIERS.md`
- [10] Internal: `src/server/enigma-mesh.functions.ts`
- [11] Internal: `src/server/ddrr-test.functions.ts`
- [12] Internal: `mobile/native/android/ddrr_managed_config.xml`
- [13] Internal: ENIGMA Integration Report v3