



COMPANY OVERVIEW · 2026

Numerical intelligence for telecom.

Identify the network. Verify the line. **Globally.**

ROUTING VALIDATION FRAUD MITIGATION IDENTITY & VERIFICATION

WHO WE ARE

Built for telecom traffic at **global scale.**

1000+

Requests per second

Sustained throughput per endpoint

<300ms

Median response

p50 from edge PoPs

100+

Countries covered

MNP and HLR data

99.95%

Success ratio

SLA-backed

num-iD provides real-time number intelligence and routing data to the world's leading telecom operators, messaging hubs and identity platforms. Independent, focused on telecom data only, and engineered for throughput.

We turn a phone number into **a routing decision.**

01

MSISDN in

A single phone number, any country, any format.



02

num-iD API

Global PoPs, sub-second, authenticated by IP.



03

Decision out

Normalized JSON: network, status, routing fields.

The data layer behind global routing and verification.

Carriers & interconnect providers

Route voice and SMS to the correct terminating network.

A2P messaging hubs

Validate destinations before send; protect deliverability KPIs.

MNOs and MVNOs

Identify portability and roaming context for traffic decisions.

CPaaS and voice platforms

Lower PDD, raise ASR — at scale.

Contact centers

Clean lists before dial-out; cut wasted agent capacity.

Fintech and ID&V providers

Verify the line during sign-up and KYC; stop ATO fraud.

THE PROBLEM

Routing by numbering range is wrong for **40%+ of traffic.**

STATUS QUO

Numbering range data tells you which operator was originally assigned a number — by the regulator, years ago.

Reality: a phone number doesn't tell you which network it actually lives on today. 40%+ of mobile numbers worldwide have been ported.

WHAT BREAKS

- × SMS delivered to the wrong network — cross-network surcharges
- × Voice routed inefficiently — higher PDD, lower ASR
- × OTPs lost to invalid or disconnected lines — fraud and churn
- × Failed deliveries still billed at full cost
- × Marketing campaigns sent to dead numbers

OUR APPROACH

One input. **Two answers.**

A single HTTPS endpoint, normalized JSON, sub-second. One MSISDN goes in, full routing intelligence comes back.

Identify MNP

Which network owns this number today.

Authoritative network ownership for any MSISDN, accounting for portability. Returns operator code, MCC/MNC, ported indicator, release code — everything you need to route correctly.

Verify HLR

Is this number alive right now.

Live-network reachability against the real mobile network. Returns subscriber status, roaming context, current network — everything you need to validate before sending.

ROI for a high-volume A2P operation.

Profile: Regional A2P SMS aggregator

Volume: 10M SMS / month

Destinations: MEA + LATAM mix

Avg termination cost: \$0.10 / SMS

WITHOUT NUM-ID

~17% delivery failure (typical for high-cost mixed destinations)

1.7M failed SMS / month

Failed sends still billed at full cost

\$170,000 /mo

Wasted on failed sends

WITH NUM-ID VERIFY PRE-CHECK

14% identified as inactive before send

1.4M SMS not sent → \$140,000 saved

Cost of pre-validation: $\$0.0008 \times 10M = \$8,000$

\$132,000 /mo

Net savings · **\$1.58M / year**

WHY NUM-ID

Built for telecom traffic at **global scale.**

01

Speed

Sub-second response from edge PoPs. HTTP/2 + keep-alive, designed to keep your switching latency budget intact.

02

Coverage

MNP and HLR data from 100+ countries, sourced directly from regulators and carriers. Daily refresh, no stale records.

03

Accuracy

Authoritative ownership for any number — not just the original allocation. 40%+ of mobile numbers worldwide have been ported.

04

Scale

1000+ requests per second sustained per customer endpoint. Measured continuously in production, not in lab conditions.

Production-grade in **hours, not weeks.**

Single GET endpoint — no SDK to import, no callbacks to wire

Auth by source IP — zero credentials in your code

Global PoPs — request lands at the nearest edge

HTTP/2 + keep-alive — sustained 1000+ req/s per endpoint

99.95% SLA — backed by real-time monitoring

Integration in <1 day for most stacks

● ● ● Sample request

```
curl -s "https://api.num-id.com/query/34630081191?service=mdp" \  
-H "Accept: application/json"
```

```
# Response (HTTP 201)
```

```
"tn": "34630081191",  
"oc": "ES",  
"mcc": "214",  
"mnc": "07",  
"on": "TELEFÓNICA MÓVILES ESPAÑA",  
"rc": "1-00"
```

NEXT STEPS

Try it from your terminal in **60 seconds**.

- 01** Send us your source IP — we whitelist it.
- 02** We send a test endpoint — auth by IP, no credentials.
- 03** You curl it — see live results from a real PoP.
- 04** We sync on your use case — 30 minutes, no slideware.

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Global numerical intelligence services and trusted data for telecom.

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