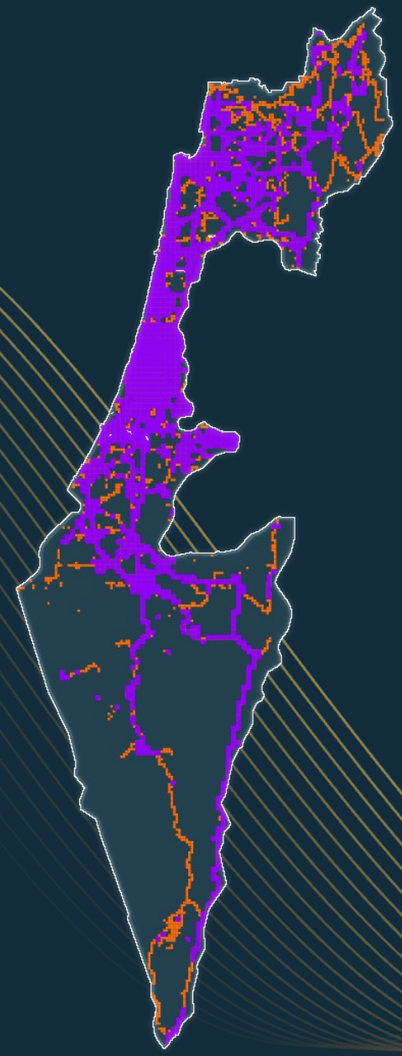
September 2026

Barometer of mobile coverage in Israel

4G/5G



09/01/2025 - 08/31/2026

V1.0

Agenda

1. Introducing nPerf
2. Methodology
3. Executive Summary 4G
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7. Regional Results 4G
8. Regional Results 5G

An independent authority in network performance

nPerf is an independent French Internet performance measurement platform, powered by real user experience.
By turning millions of individual measurements into connectivity insights, nPerf helps operators enhance their networks and contributes to building a faster, more reliable Internet for everyone.

300k+ tests daily worldwide.

26Md+ coverage scans in total.

3k+ servers all around the world.

A comprehensive suite of tools to measure real-world connectivity

nPerf provides a complete ecosystem of complete measurement tools designed to capture the true quality of fixed, mobile, and Wi-Fi connections with precision, reaching speeds of up to 10 Gbps.

Users test. Operators learn. Everyone benefits.

Download on the App Store

Available on Google Play

Test your connection on nPerf.com

2. Methodology (1/2) — Measuring coverage in the field

A field study, not a simulation

Mobile operators publish coverage maps computed from radio-propagation models. This barometer contains no modelling: every figure comes from measurements recorded in the field by real users, in real conditions of use — outdoors, indoors, in a car or on a train. It complements the operators' theoretical maps; it does not replace them.

A crowdsourced panel

Measurements are collected by the nPerf mobile application, on Android only: Apple does not open the signal-strength APIs to developers. The application records the signal level reported by the handset every time the device's position is requested by the operating system or by another installed application — maps, navigation, games — and throughout the active mapping sessions users can start themselves. Each record is time-stamped and geolocated to within 20 metres. Anyone can join the panel simply by installing the nPerf app.

Which measurements are kept

- Each measurement is attributed to the network that actually serves the handset, identified by its MCC/MNC codes.
- Measurements reporting no signal at all are kept — the absence of coverage is a result in its own right.
- A country is published only when the volume of measurements and the share of its inhabited territory actually surveyed are sufficient.

Which ISPs are kept

- Only ISPs operating their own network are included; MVNOs are excluded.
- An ISP is published only when its share of measurements is sufficient to be reliably represented in this report.

2. Methodology (2/2) — From measurements to a coverage rate

A grid of parcels

The territory is divided into a regular grid. Each parcel is roughly 400 to 600 m on a side depending on latitude — about 425 m at the latitude of France. A parcel is taken into account for an operator as soon as one of that operator's users has recorded at least one measurement inside it, with or without signal.

Each operator is measured on its own customers' data

This is the cornerstone of the method: an operator's coverage rate is computed from **the measurements collected by its own subscribers, not from those of all operators combined**. The reference perimeter — the denominator of the rate — is therefore specific to each operator: it consists of the parcels its own customers actually visited. Every operator is assessed precisely where its own customer base lives, works and travels.

Technologies are nested

A parcel counts as covered by a technology as soon as at least one measurement of that technology — or of a higher generation — was recorded in it. **3G coverage** is therefore the area where at least 3G is available, **4G coverage** the area where at least 4G is available, and **5G coverage** the area where 5G is available.

Three indicators

- **Geographical Coverage** — the share of the operator's reference parcels in which the technology was recorded. Every parcel carries the same weight, whatever its population.
- **In mobility Pop. Coverage** — the same parcels, each weighted by the number of distinct nPerf devices observed in it. The weighting reflects where users actually are, rather than the number of inhabitants declared per municipality: busy roads and city centres therefore weigh more than sparsely travelled areas.
- **nPerf Coverage Score** — the average of the two indicators above, in equal parts. The higher the score, the better the coverage.

Regional results

Regional figures follow exactly the same method, restricted to the parcels located inside each region's official administrative boundaries.

Reading the 5G figures

All the frequency bands used by each operator are taken into account. Low bands (700 MHz) reach further than mid (2,100 MHz) and high (3,500 MHz) bands but deliver lower speeds: coverage figures should be read alongside the speed results of the nPerf mobile barometer.

3. Executive Summary 4G

The subscribers of Partner enjoyed the best 4G coverage in 2026 in Israel.

Mobile coverage rate in Israel

	Cellcom	HOT	Partner	Pelephone
Geographical Coverage Rate	97.13	95.71	98.20	94.04
Population Coverage Rate	99.21	97.84	99.53	98.37
nPerf Coverage Score	98.17	96.77	98.87	96.21

Source : nPerf.com

Best Mobile coverage in Israel



Source : nPerf.com

nPerf Podium



Source : nPerf.com

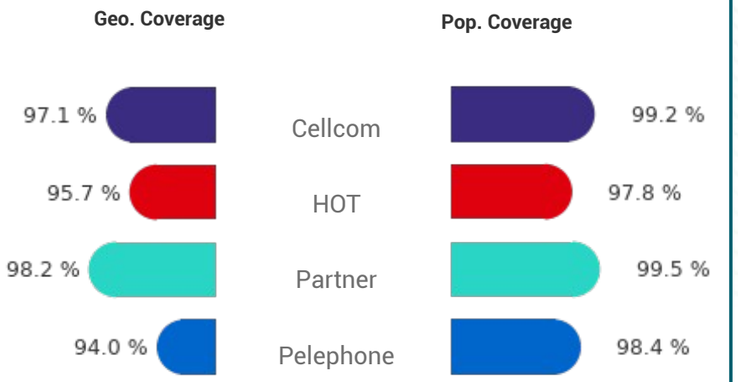
4. National 4G coverage maps

nPerf Coverage Score



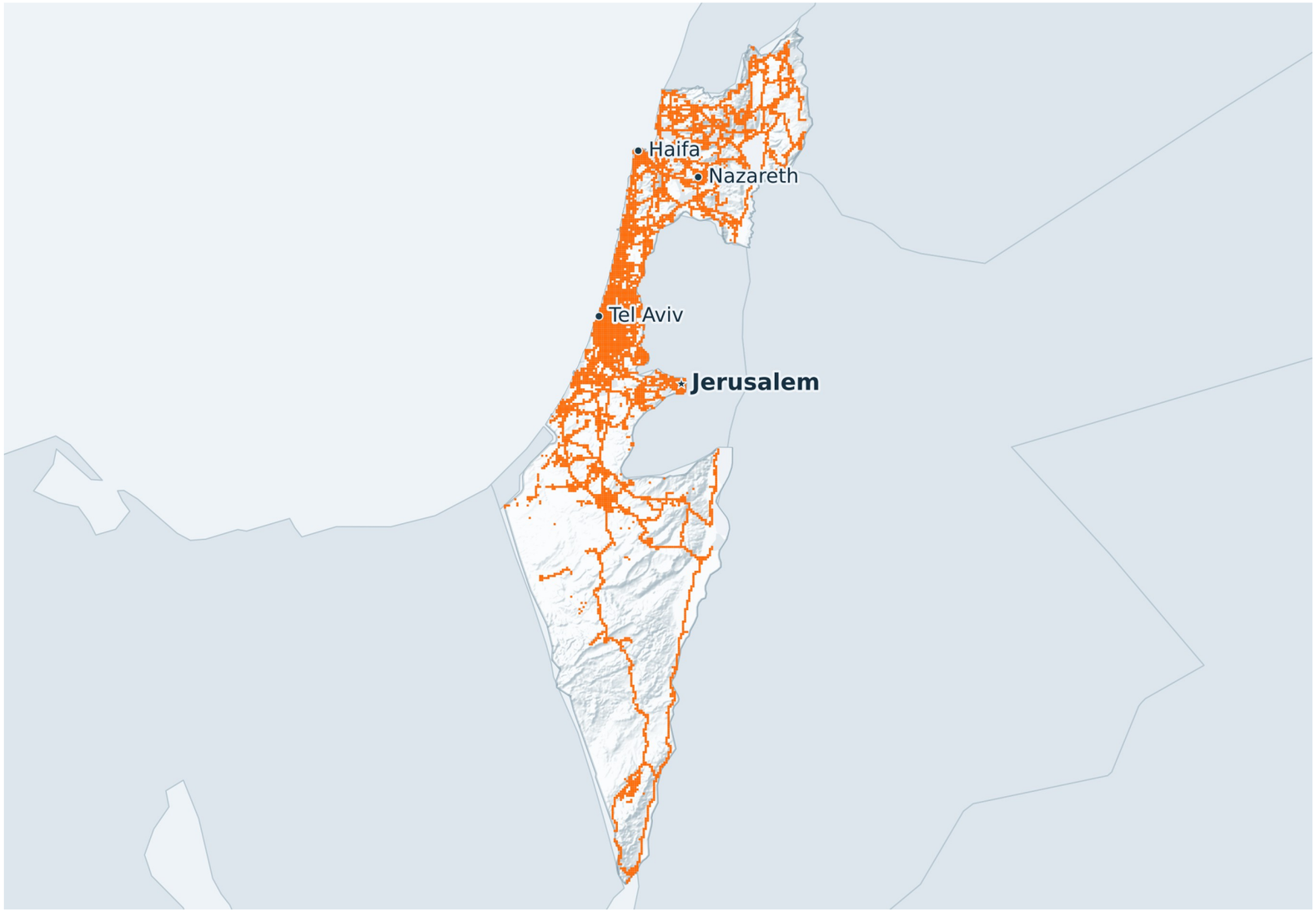
Source : nPerf.com

Coverage Indicators



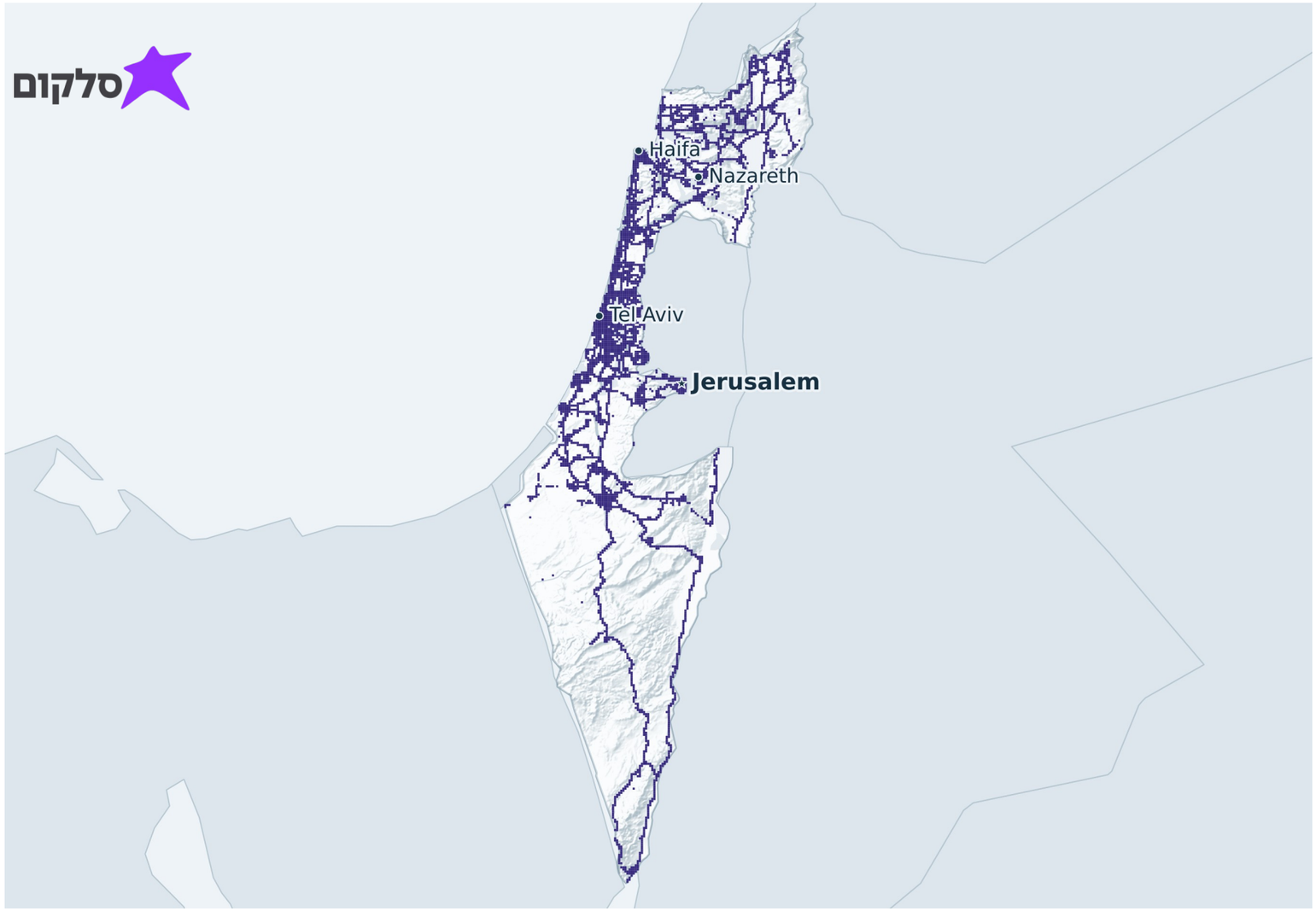
Source : nPerf.com

National Coverage



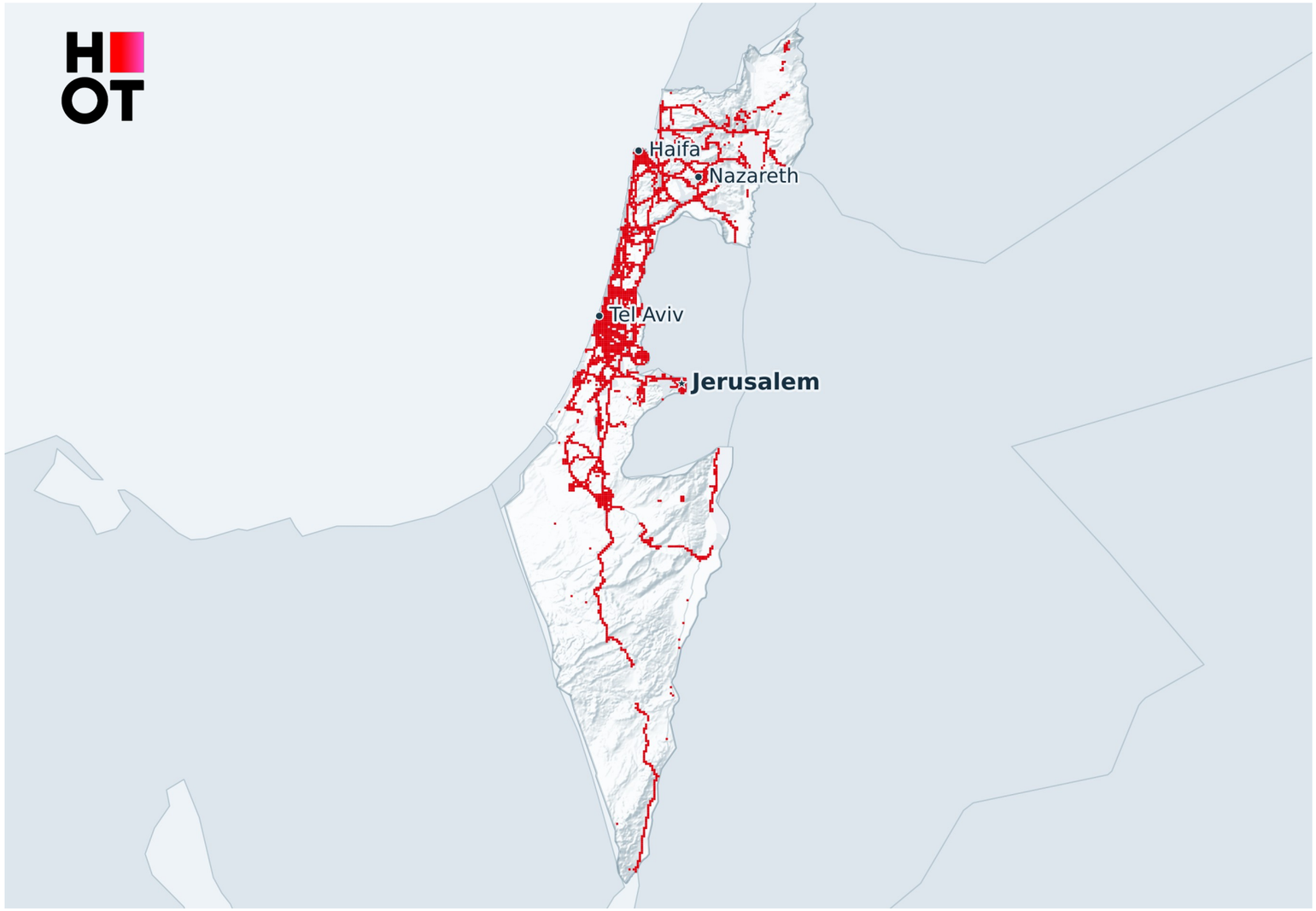
National 4G coverage maps for Cellcom

	Cellcom
Geographical Coverage Rate (%)	97.13
Population Coverage Rate (%)	99.21
nPerf Coverage Score (%)	98.17



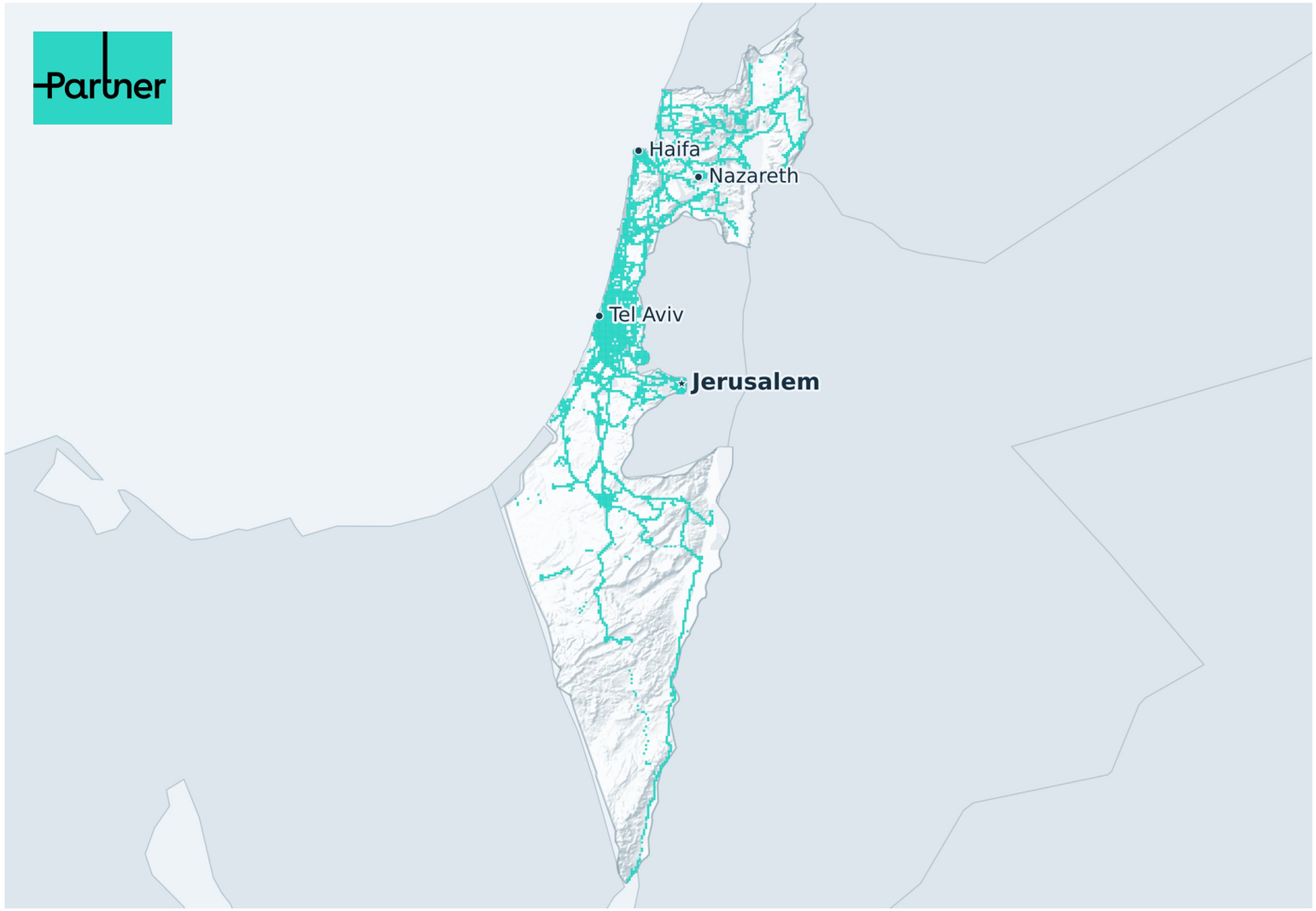
National 4G coverage maps for HOT

	HOT
Geographical Coverage Rate (%)	95.71
Population Coverage Rate (%)	97.84
nPerf Coverage Score (%)	96.77



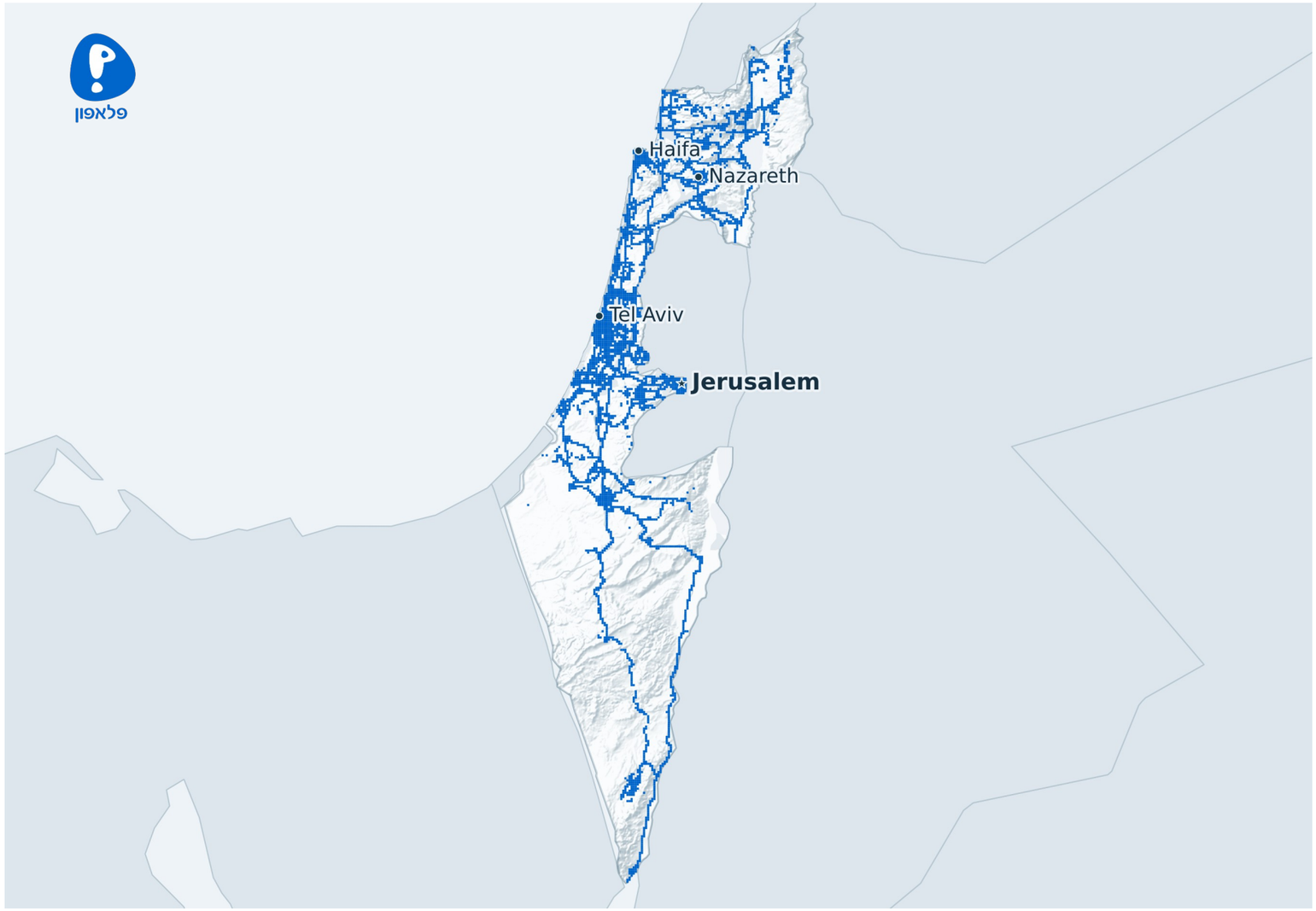
National 4G coverage maps for Partner

	Partner
Geographical Coverage Rate (%)	98.20
Population Coverage Rate (%)	99.53
nPerf Coverage Score (%)	98.87



National 4G coverage maps for Pelephone

	Pelephone
Geographical Coverage Rate (%)	94.04
Population Coverage Rate (%)	98.37
nPerf Coverage Score (%)	96.21



5. Executive Summary 5G

The subscribers of Pelephone enjoyed the best 5G coverage in 2026 in Israel.

Mobile coverage rate in Israel

	Cellcom	HOT	Partner	Pelephone
Geographical Coverage Rate	53.11	56.26	62.98	61.33
Population Coverage Rate	77.23	72.24	79.91	82.58
nPerf Coverage Score	65.17	64.25	71.45	71.96

Source : nPerf.com

Best Mobile coverage in Israel



Source : nPerf.com

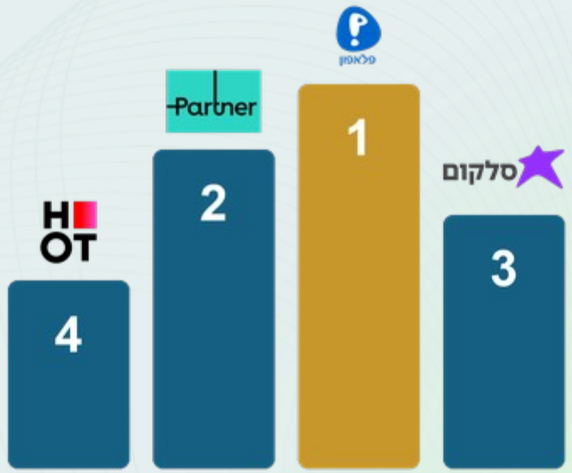
nPerf Podium



Source : nPerf.com

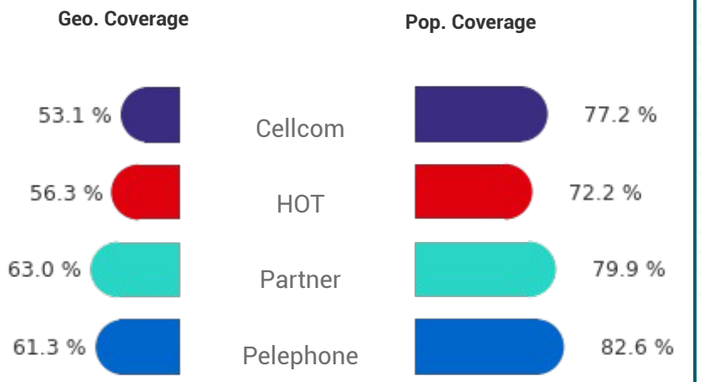
6. National 5G coverage maps

nPerf Coverage Score



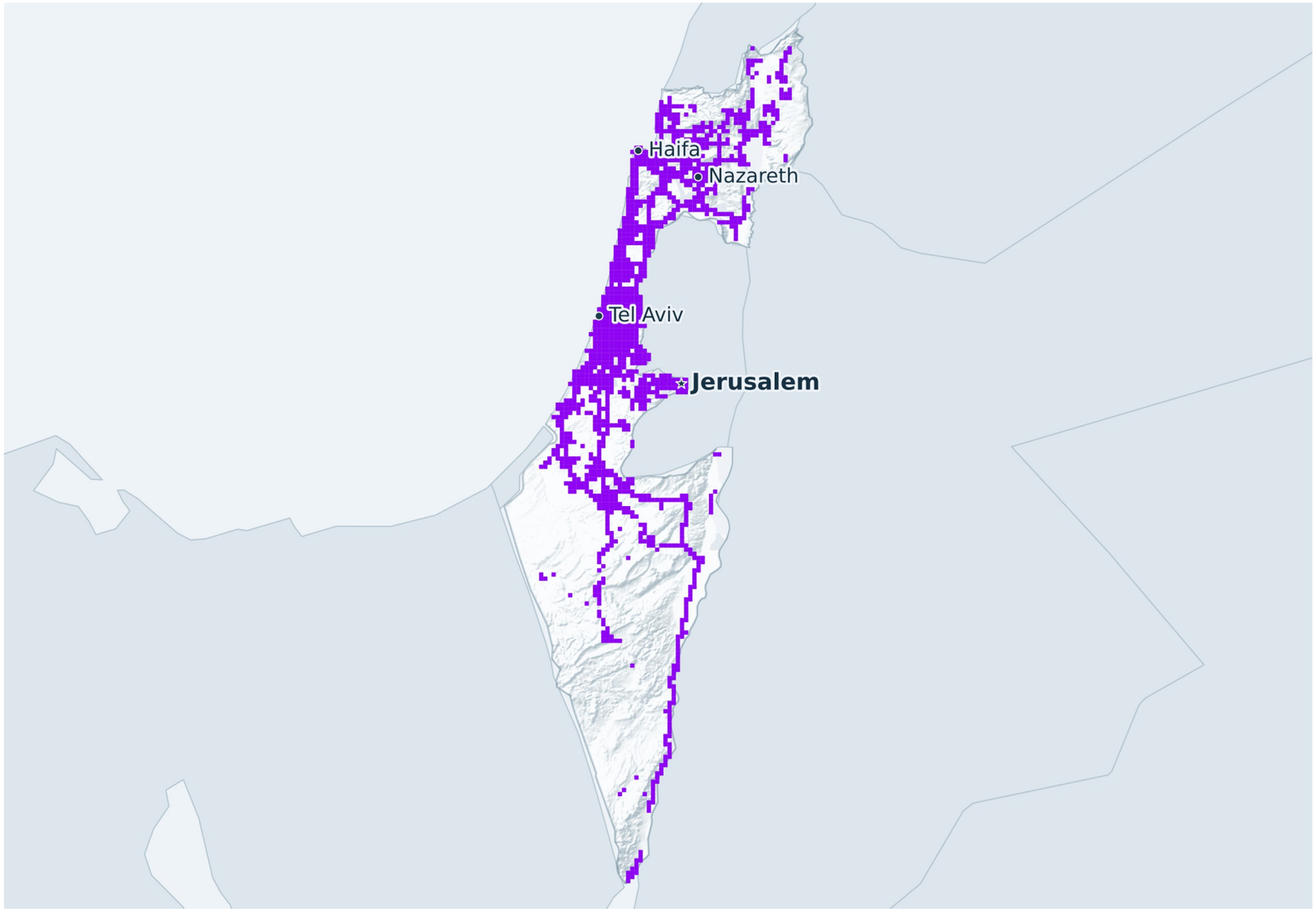
Source : nPerf.com

Coverage Indicators



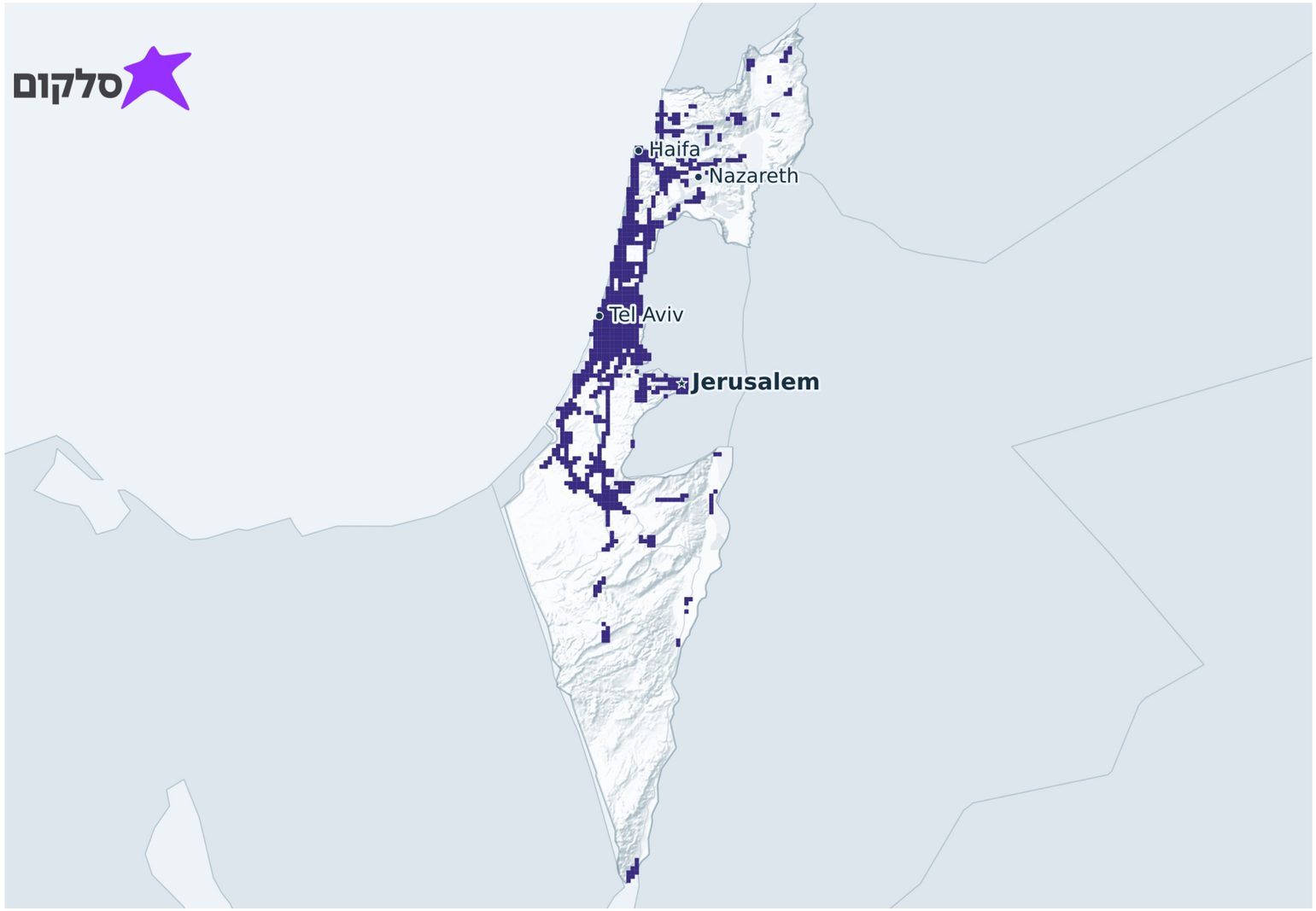
Source : nPerf.com

National Coverage



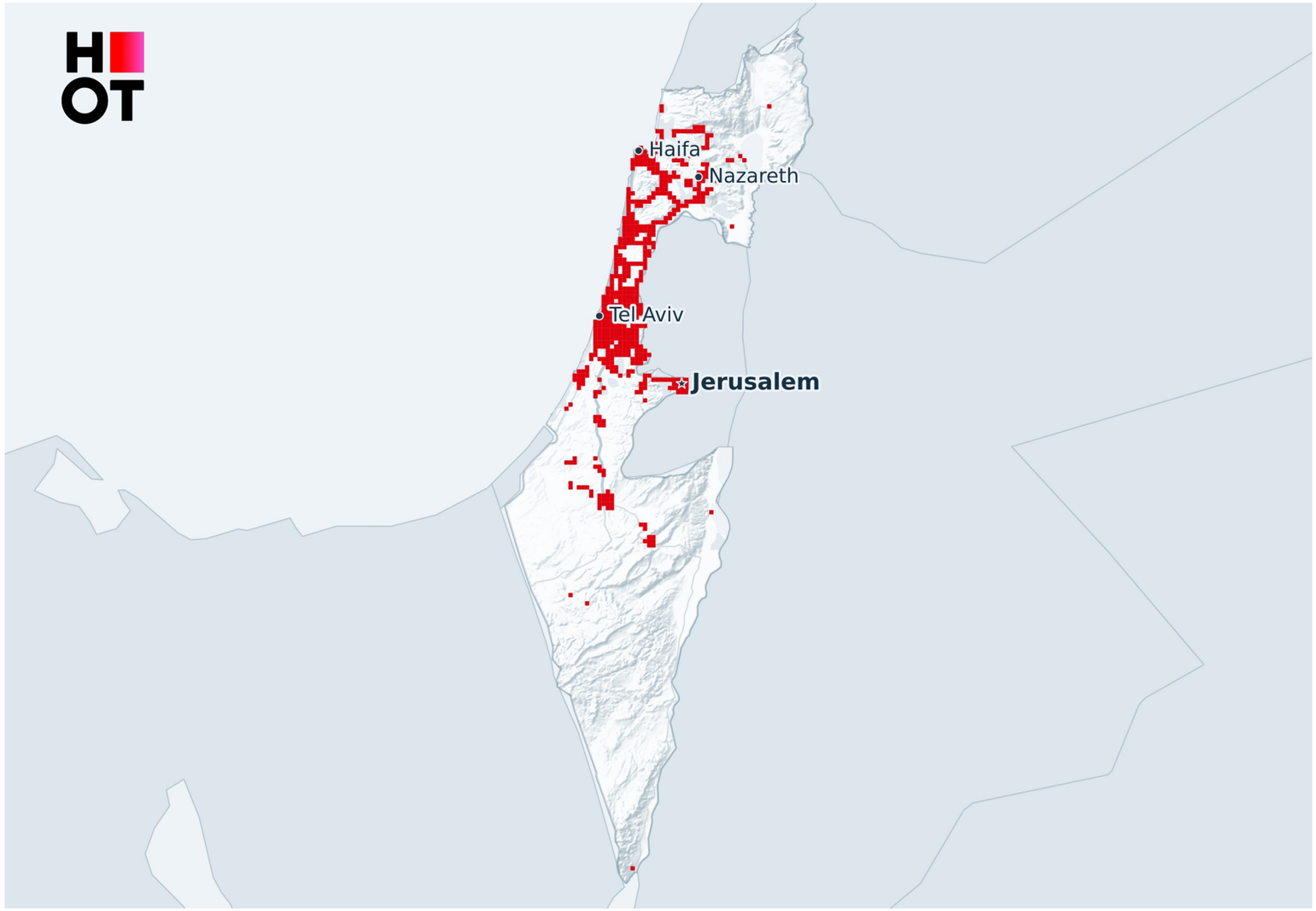
National 5G coverage maps for Cellcom

	Cellcom
Geographical Coverage Rate (%)	53.11
Population Coverage Rate (%)	77.23
nPerf Coverage Score (%)	65.17



National 5G coverage maps for HOT

	HOT
Geographical Coverage Rate (%)	56.26
Population Coverage Rate (%)	72.24
nPerf Coverage Score (%)	64.25



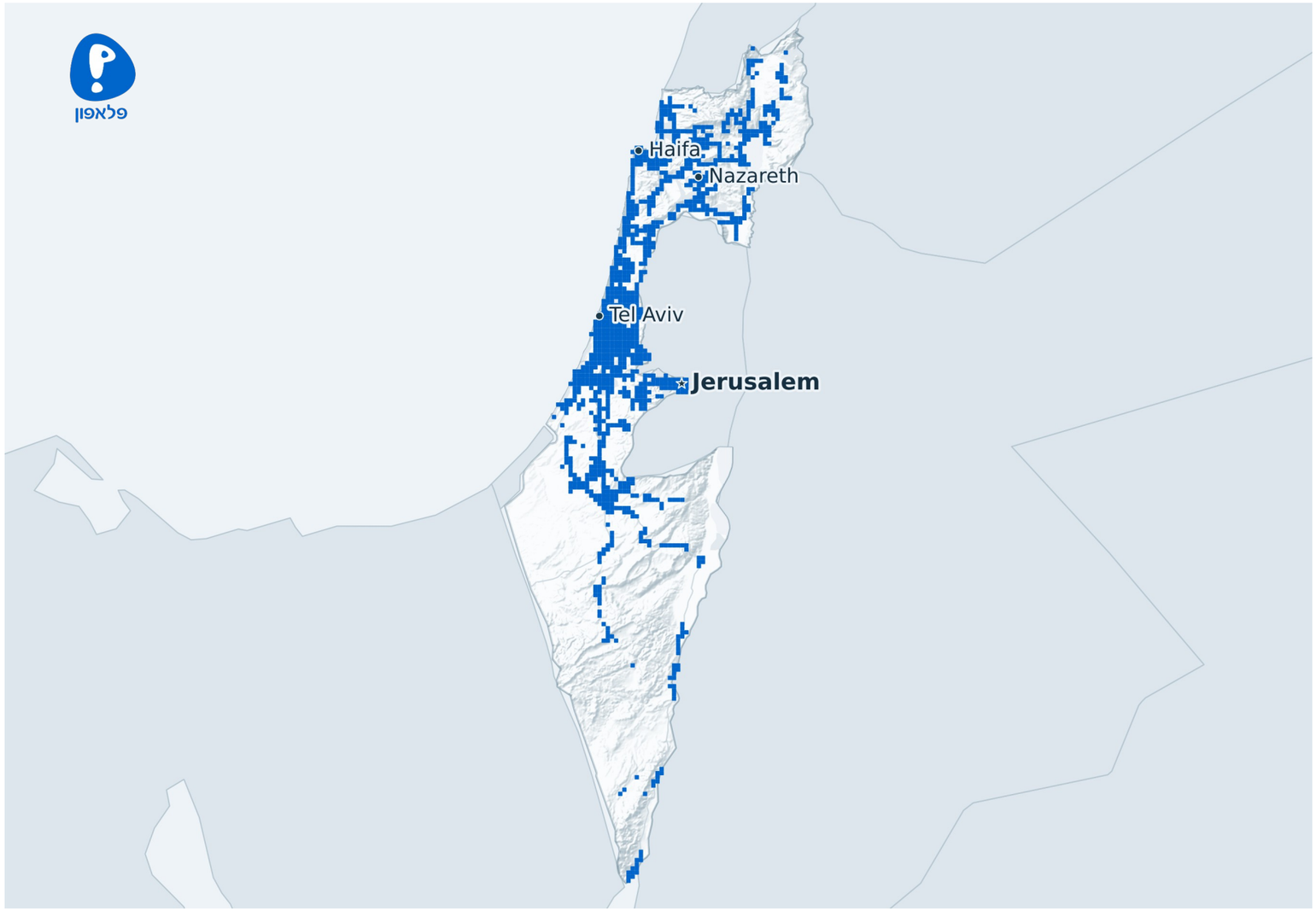
National 5G coverage maps for Partner

	Partner
Geographical Coverage Rate (%)	62.98
Population Coverage Rate (%)	79.91
nPerf Coverage Score (%)	71.45



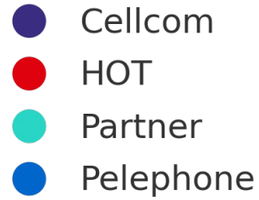
National 5G coverage maps for Pelephone

	Pelephone
Geographical Coverage Rate (%)	61.33
Population Coverage Rate (%)	82.58
nPerf Coverage Score (%)	71.96



7. Regional 4G coverage: Methodology

Regions	Measurements	Device count	Measurements per operator
HaMerkaz	2 232 486	26 535	48% 27% 15% 9%
TelAviv	1 987 122	9 422	78% 12%
Haifa	730 574	13 503	34% 33% 14% 18%
HaDarom	632 165	14 203	22% 44% 23% 11%
HaZafon	608 084	13 029	31% 29% 17% 23%
Jerusalem	242 162	5 412	22% 31% 30% 17%
Golan	63 387	1 397	28% 47% 13% 11%



See regional details for region having more than 1000 devices count and ISPs with more than 20% share of test

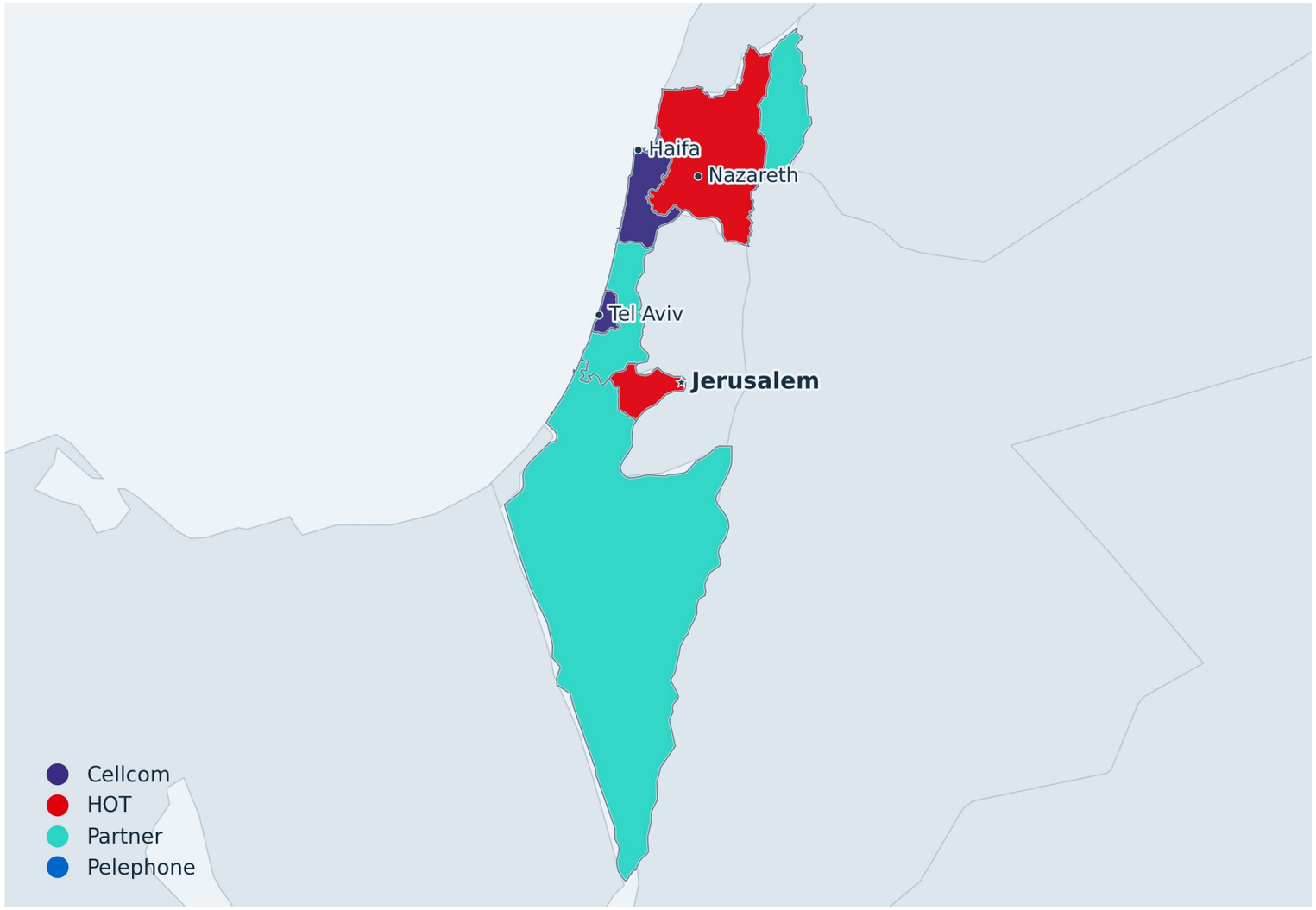
Regional 4G coverage

nPerf Coverage Score



Source : nPerf.com

Regional Winner



Source : nPerf.com

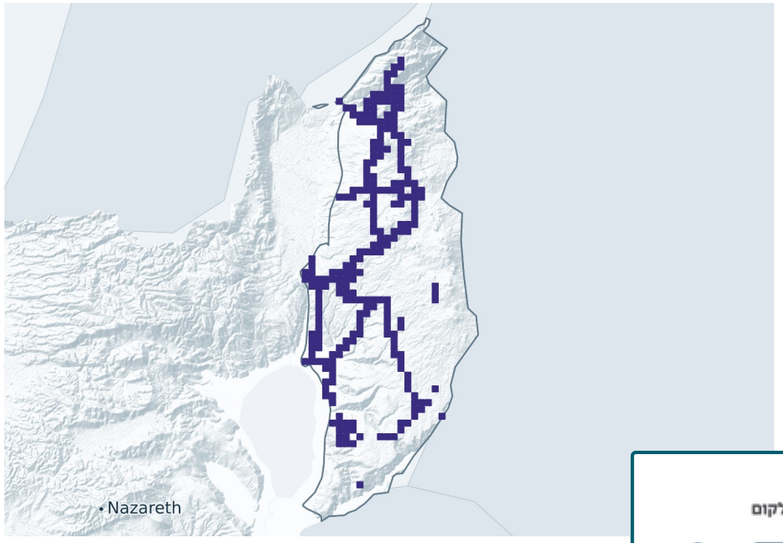
4G coverage — Golan

סלקום

Geographical Coverage
99,03 %

In mobility Pop. Coverage
99,12 %

nPerf Coverage Score
99,08 %

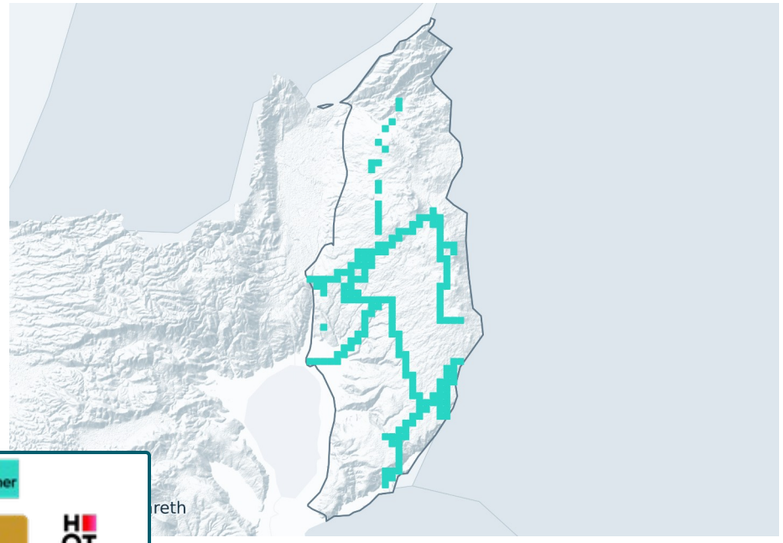


Partner

Geographical Coverage
99,17 %

In mobility Pop. Coverage
99,26 %

nPerf Coverage Score
99,22 %



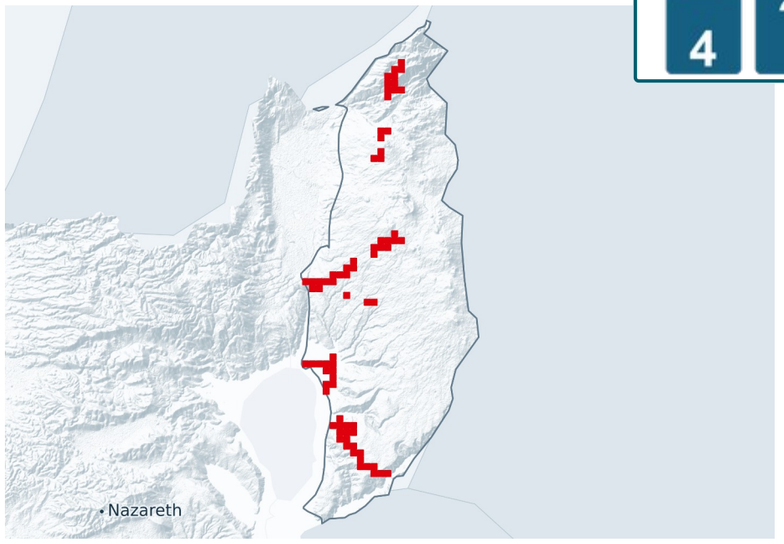


HOT

Geographical Coverage
97,08 %

In mobility Pop. Coverage
98,00 %

nPerf Coverage Score
97,54 %

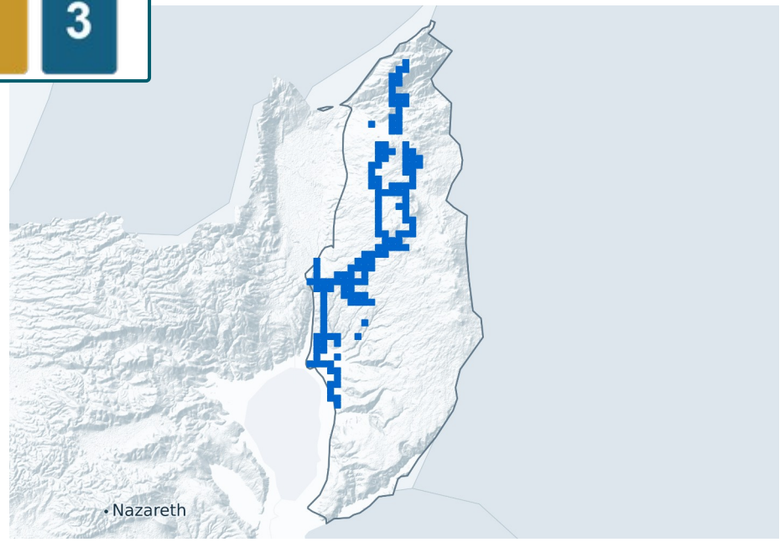


פלאפון

Geographical Coverage
95,34 %

In mobility Pop. Coverage
96,84 %

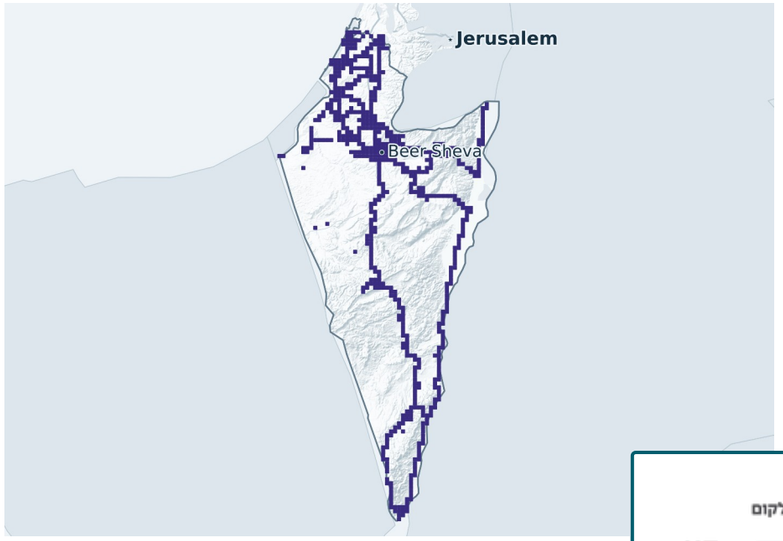
nPerf Coverage Score
96,09 %



4G coverage — HaDarom

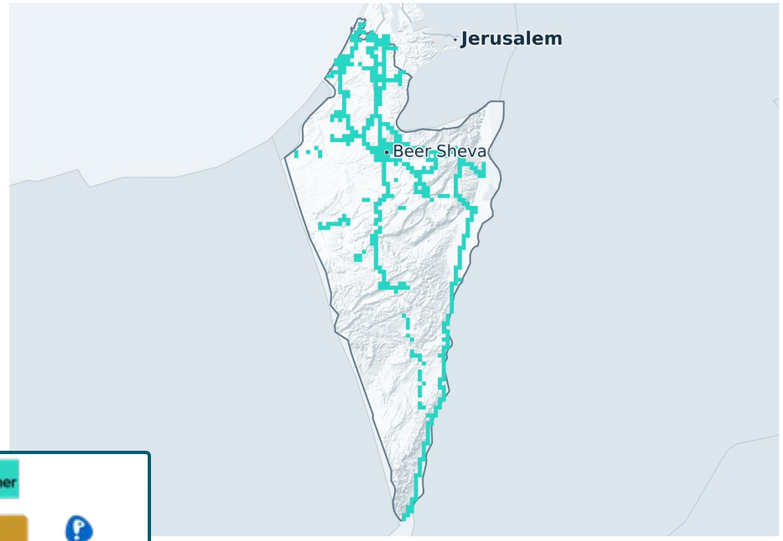
סלקום

Geographical Coverage	95,26 %
In mobility Pop. Coverage	98,32 %
nPerf Coverage Score	**96,79 %**



Partner

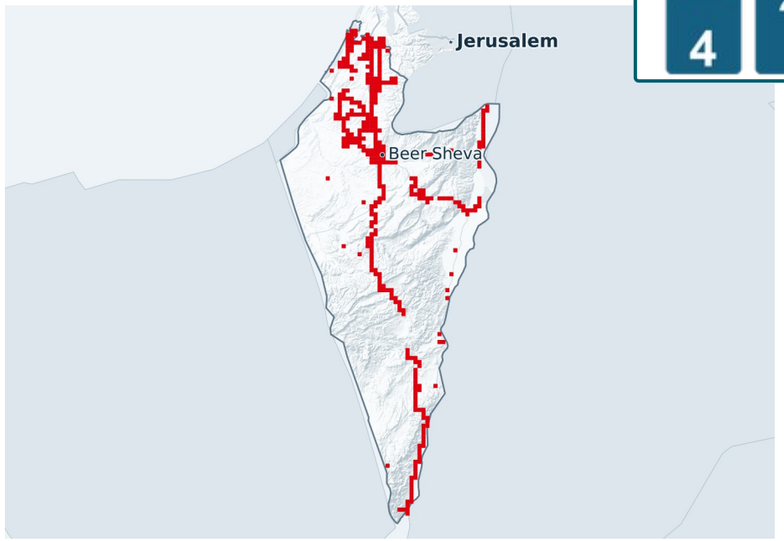
Geographical Coverage	97,86 %
In mobility Pop. Coverage	98,85 %
nPerf Coverage Score	**98,36 %**





HOT

Geographical Coverage	90,41 %
In mobility Pop. Coverage	90,54 %
nPerf Coverage Score	**90,48 %**



פלאפון

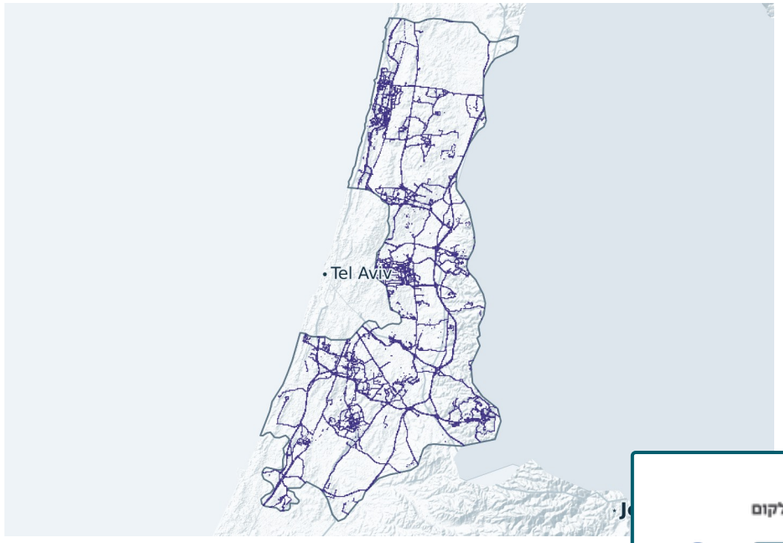
Geographical Coverage	92,19 %
In mobility Pop. Coverage	96,73 %
nPerf Coverage Score	**94,46 %**



4G coverage — HaMerkaz

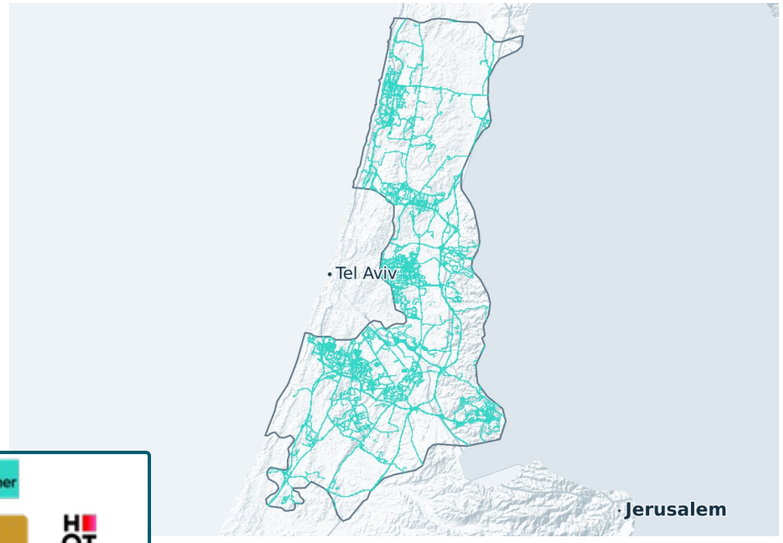
סלקום

Geographical Coverage	99,07 %
In mobility Pop. Coverage	99,73 %
nPerf Coverage Score	**99,40 %**



Partner

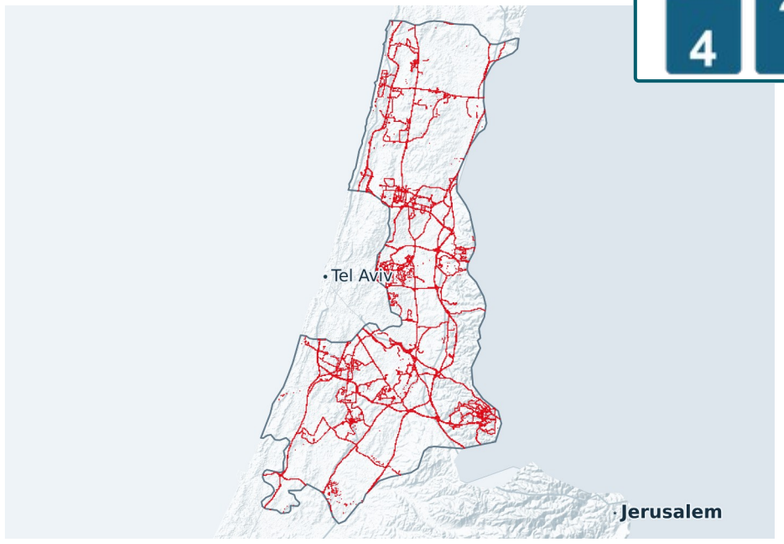
Geographical Coverage	99,48 %
In mobility Pop. Coverage	99,95 %
nPerf Coverage Score	**99,72 %**





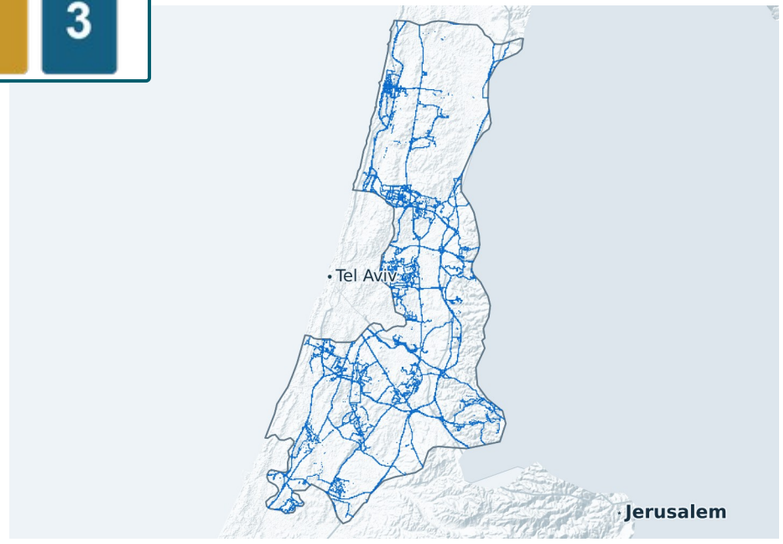
HOT

Geographical Coverage	97,90 %
In mobility Pop. Coverage	99,42 %
nPerf Coverage Score	**98,66 %**



פלאפון

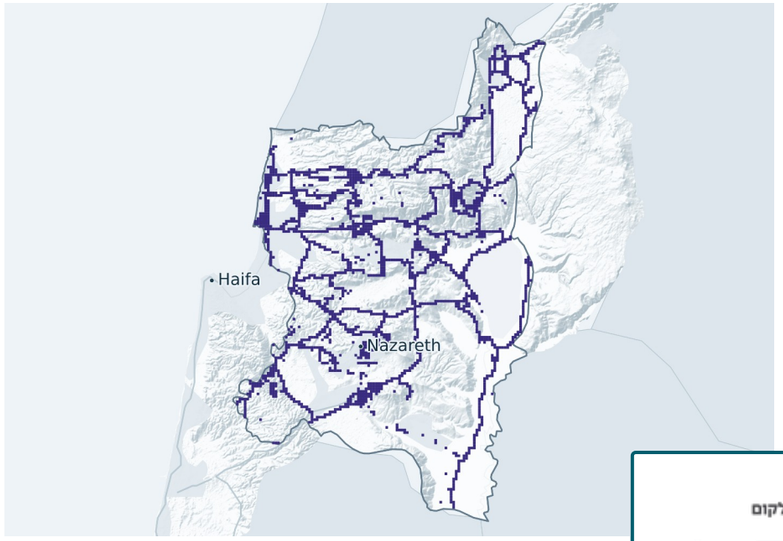
Geographical Coverage	96,70 %
In mobility Pop. Coverage	99,42 %
nPerf Coverage Score	**98,06 %**



4G coverage — HaZafon

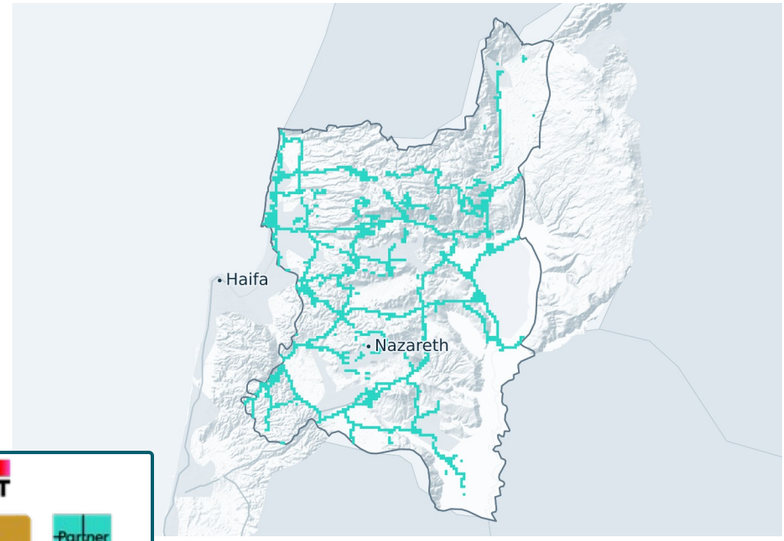
סלקום

Geographical Coverage	97,91 %
In mobility Pop. Coverage	99,11 %
nPerf Coverage Score	**98,51 %**



Partner

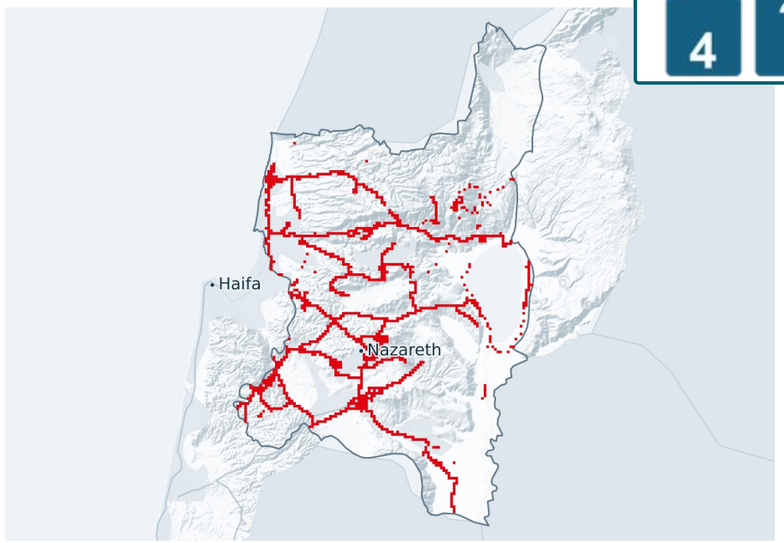
Geographical Coverage	96,84 %
In mobility Pop. Coverage	98,85 %
nPerf Coverage Score	**97,84 %**





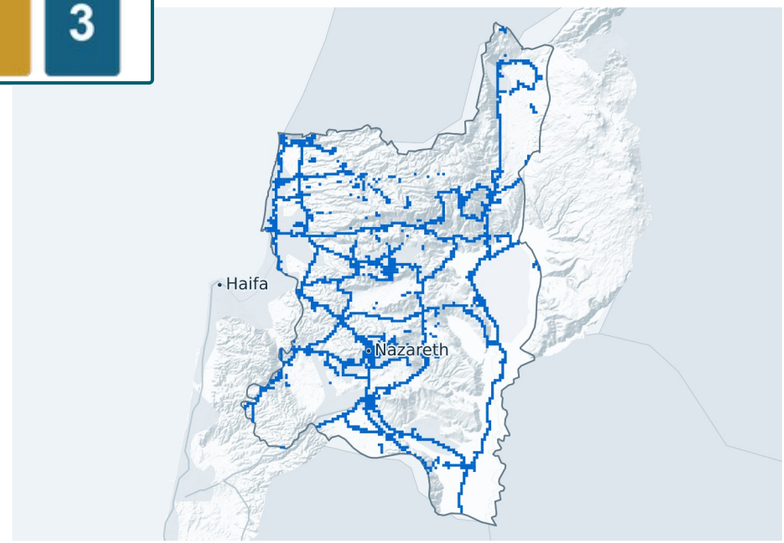
HOT

Geographical Coverage	98,26 %
In mobility Pop. Coverage	99,33 %
nPerf Coverage Score	**98,80 %**



פלאפון

Geographical Coverage	92,75 %
In mobility Pop. Coverage	96,94 %
nPerf Coverage Score	**94,84 %**



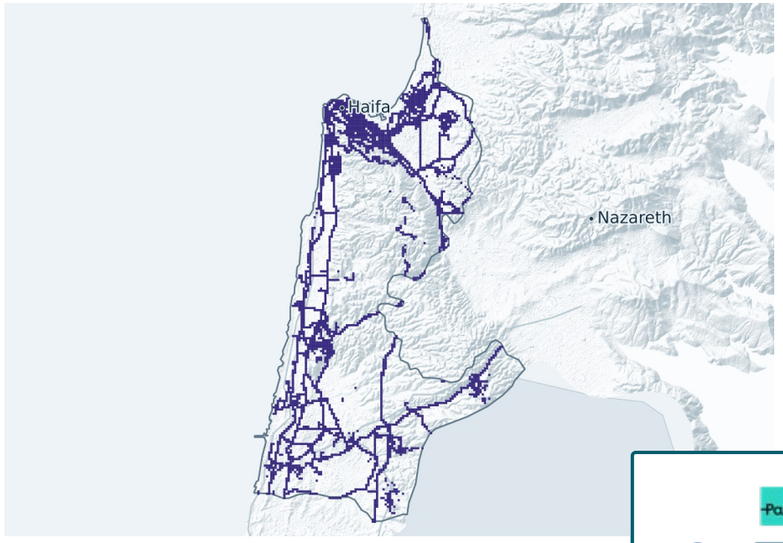
4G coverage — Haifa

סלקום

Geographical Coverage
99,03 %

In mobility Pop. Coverage
99,86 %

nPerf Coverage Score
99,45 %

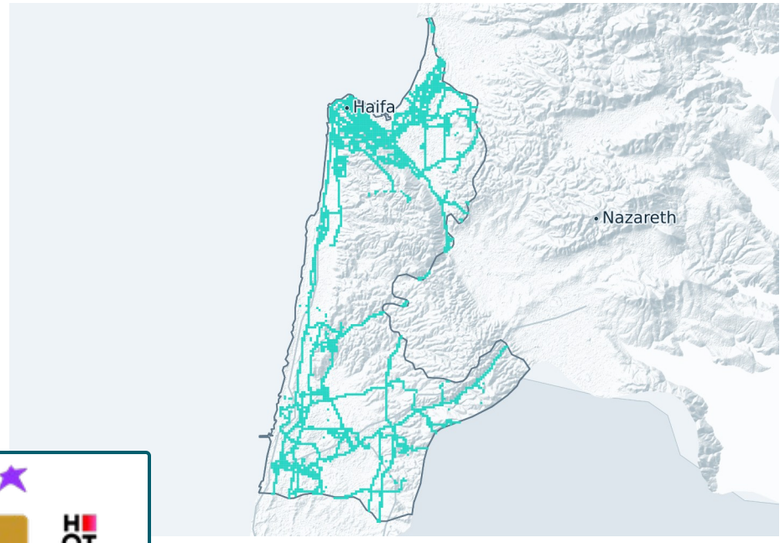


Partner

Geographical Coverage
98,67 %

In mobility Pop. Coverage
99,84 %

nPerf Coverage Score
99,25 %



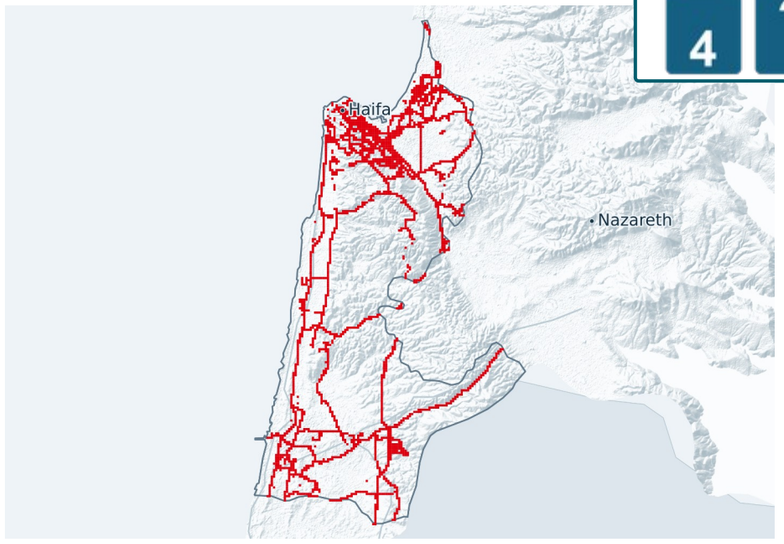


HOT

Geographical Coverage
98,08 %

In mobility Pop. Coverage
99,37 %

nPerf Coverage Score
98,73 %

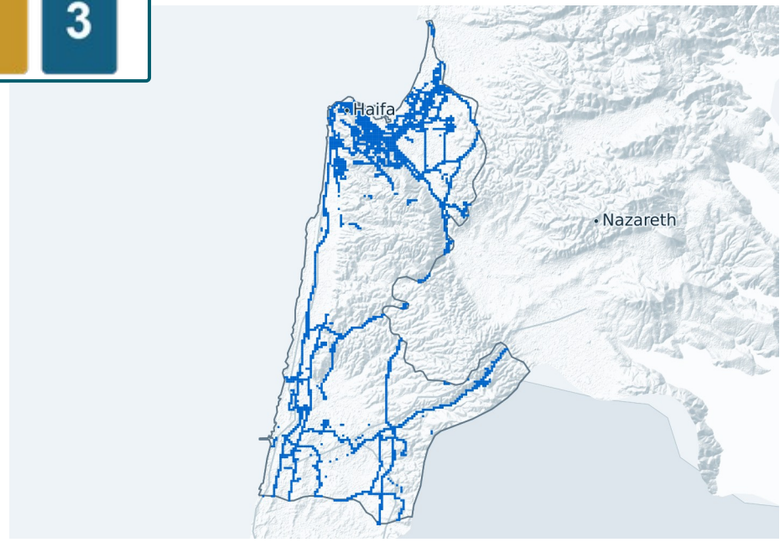


פלאפון

Geographical Coverage
93,92 %

In mobility Pop. Coverage
98,09 %

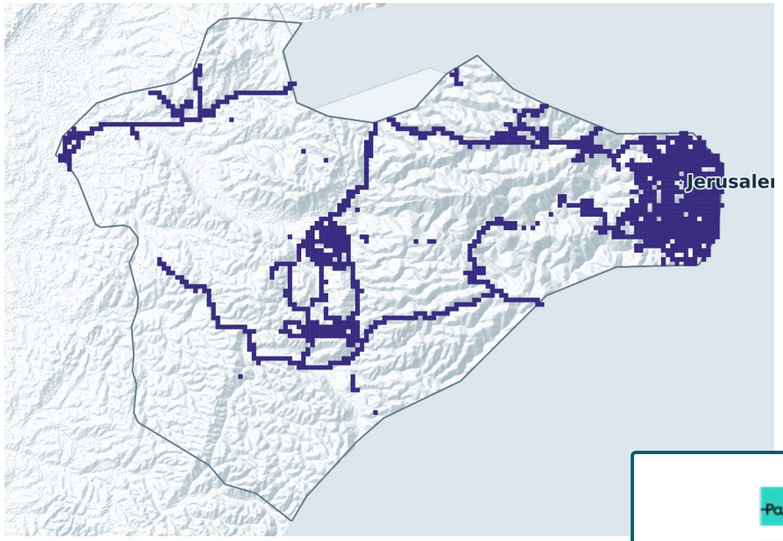
nPerf Coverage Score
96,00 %



4G coverage — Jerusalem

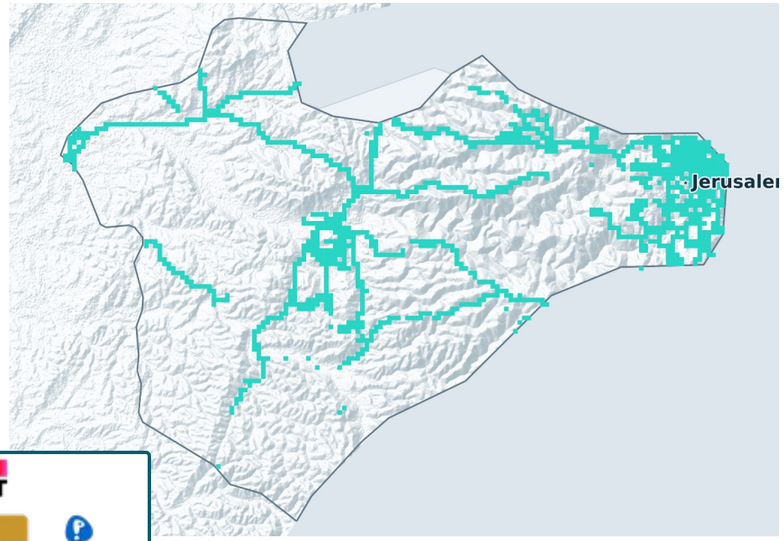
סלקום

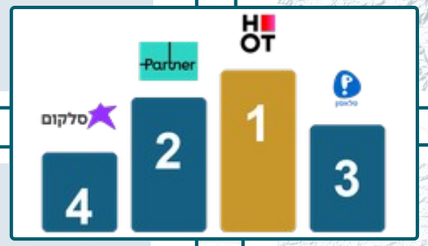
Geographical Coverage	92,82 %
In mobility Pop. Coverage	97,92 %
nPerf Coverage Score	**95,37 %**



Partner

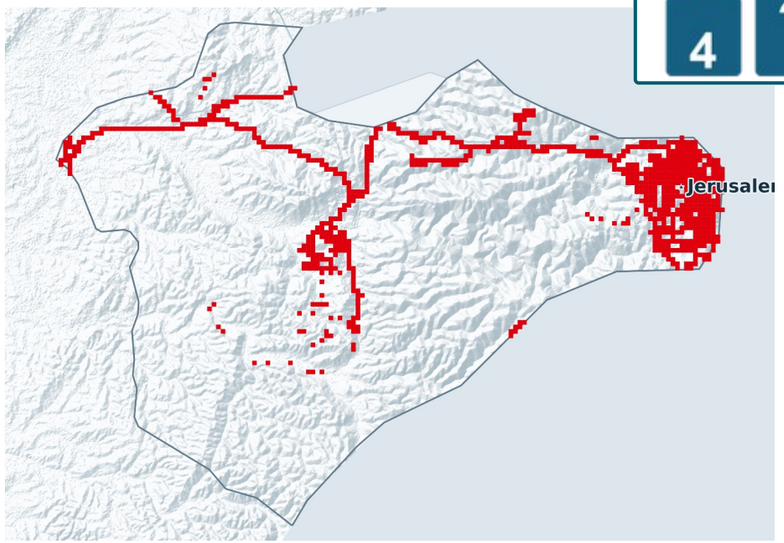
Geographical Coverage	95,62 %
In mobility Pop. Coverage	98,77 %
nPerf Coverage Score	**97,19 %**





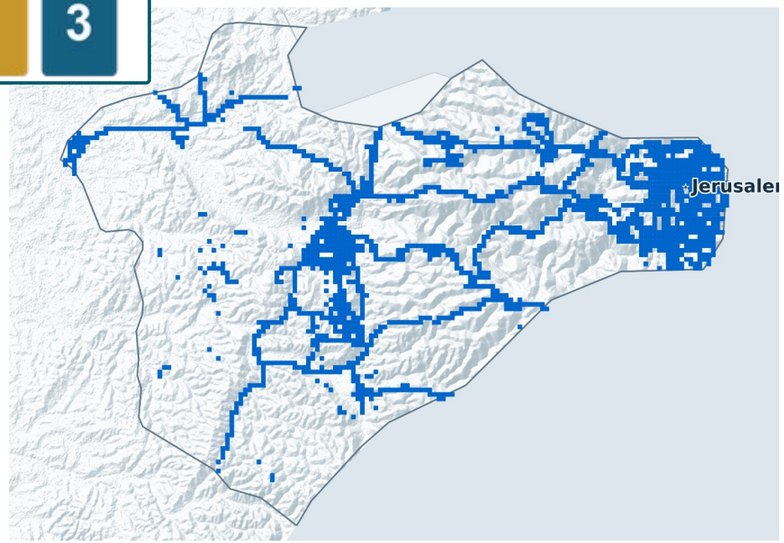
HOT

Geographical Coverage	96,09 %
In mobility Pop. Coverage	98,80 %
nPerf Coverage Score	**97,44 %**



פלאפון

Geographical Coverage	94,45 %
In mobility Pop. Coverage	99,10 %
nPerf Coverage Score	**96,78 %**



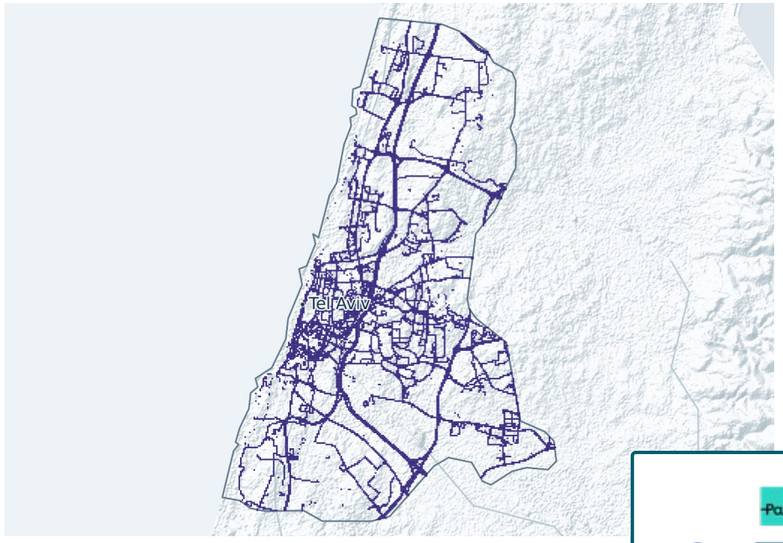
4G coverage — TelAviv

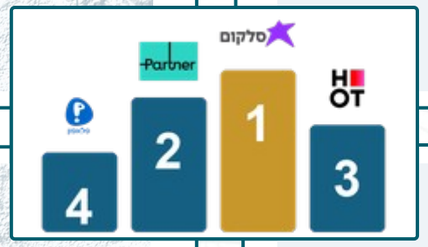
סלקום

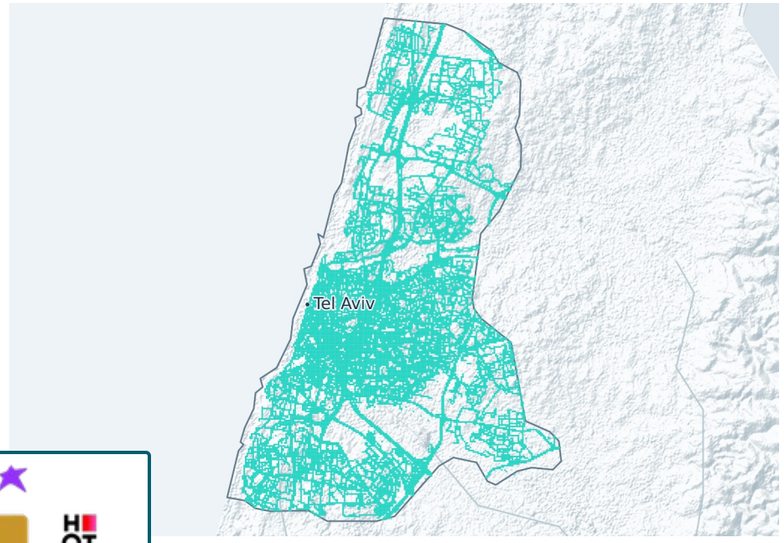
Geographical Coverage
100,00 %

In mobility Pop. Coverage
100,00 %

nPerf Coverage Score
100,00 %







Partner

Geographical Coverage
99,84 %

In mobility Pop. Coverage
99,98 %

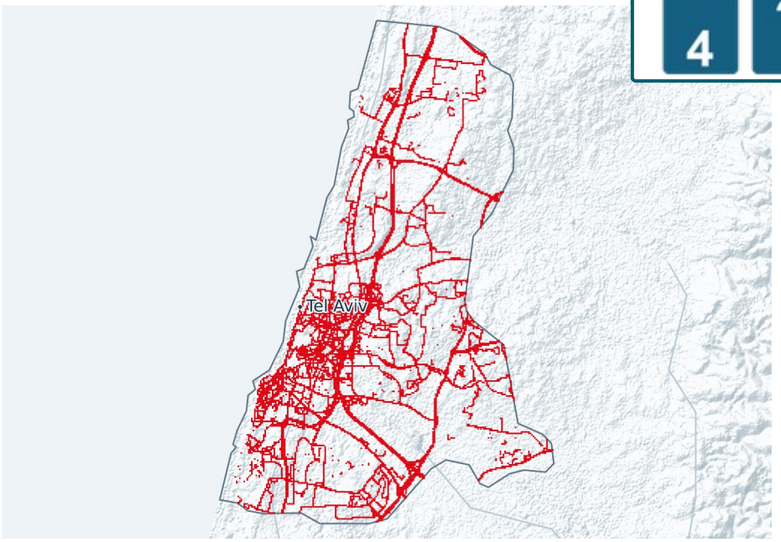
nPerf Coverage Score
99,91 %

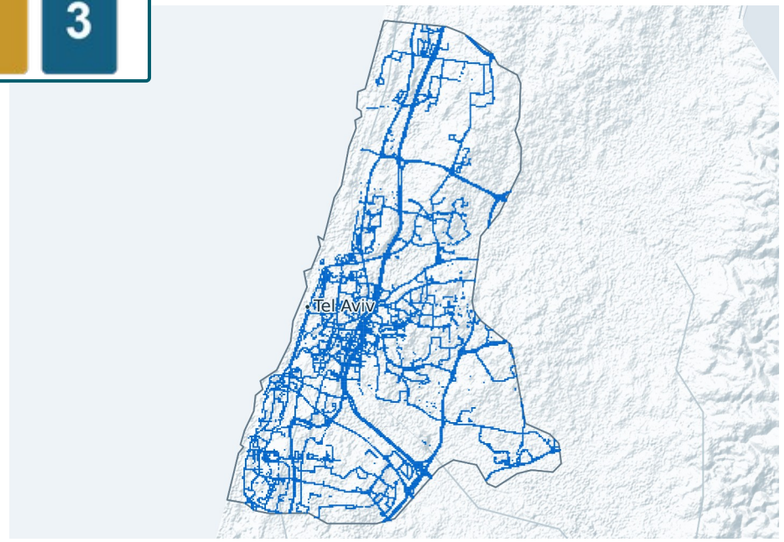
HOT

Geographical Coverage
99,42 %

In mobility Pop. Coverage
99,86 %

nPerf Coverage Score
99,64 %





פלאפון

Geographical Coverage
98,71 %

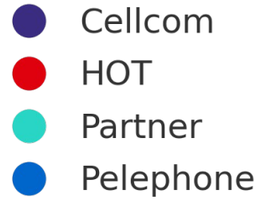
In mobility Pop. Coverage
99,47 %

nPerf Coverage Score
99,09 %

8. Regional 5G coverage: Methodology

Regions	Measurements	Device count	Measurements per operator
TelAviv	1 187 050	8 631	81% / 11%
HaMerkaz	970 708	21 891	49% / 28% / 16% / 7%
Haifa	197 091	7 744	29% / 38% / 17% / 16%
HaDarom	133 960	6 750	24% / 44% / 27%
HaZafon	98 673	4 421	28% / 19% / 38% / 16%
Jerusalem	75 780	3 257	19% / 28% / 29% / 24%
Golan	3 522	192	45% / 55%

Cellcom
HOT
Partner
Pelephone



See regional details for region having more than 1000 devices count and ISPs with more than 20% share of test

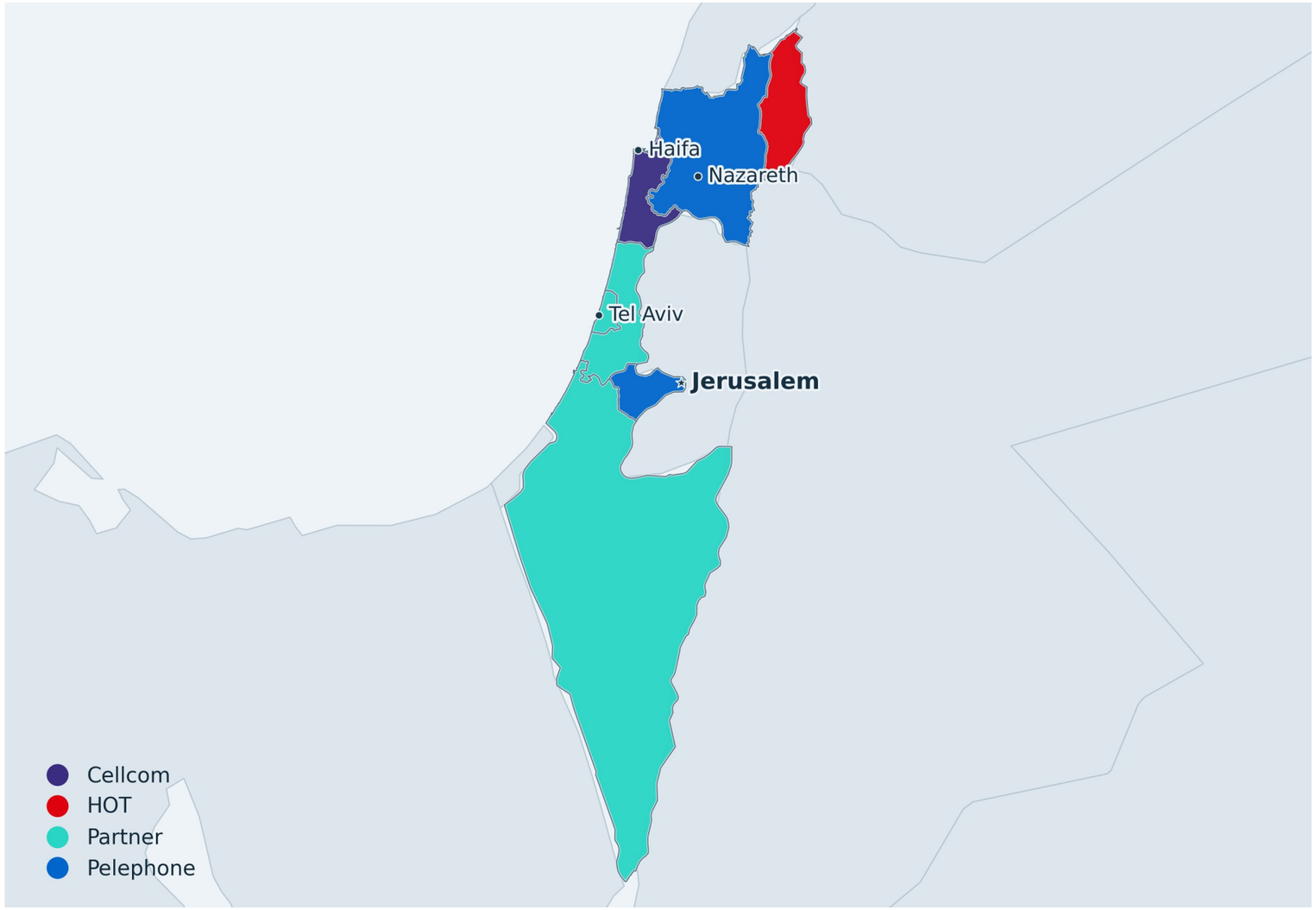
Regional 5G coverage

nPerf Coverage Score



Source : nPerf.com

Regional Winner



Source : nPerf.com

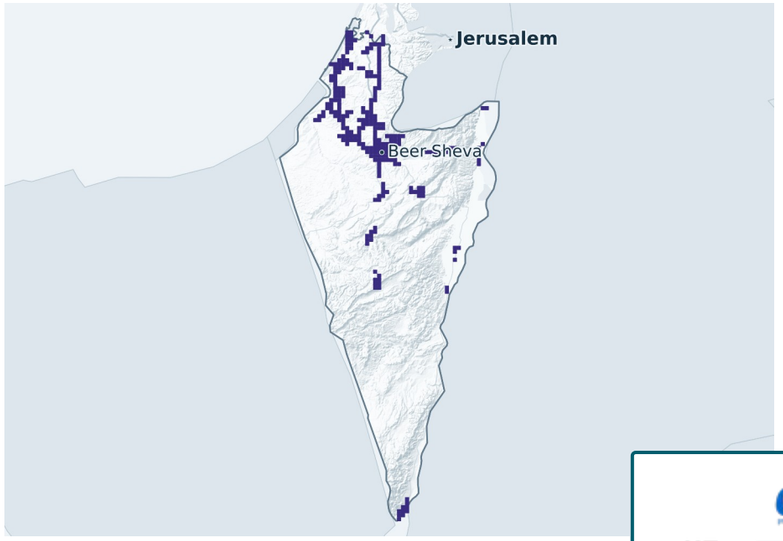
5G coverage — HaDarom

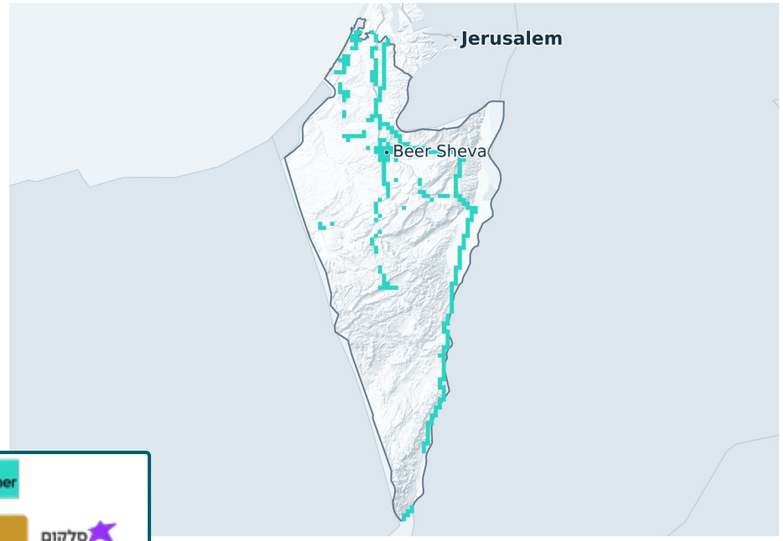
סלקום

Geographical Coverage
42,95 %

In mobility Pop. Coverage
56,53 %

nPerf Coverage Score
49,74 %





Partner

Geographical Coverage
60,06 %

In mobility Pop. Coverage
66,86 %

nPerf Coverage Score
63,46 %

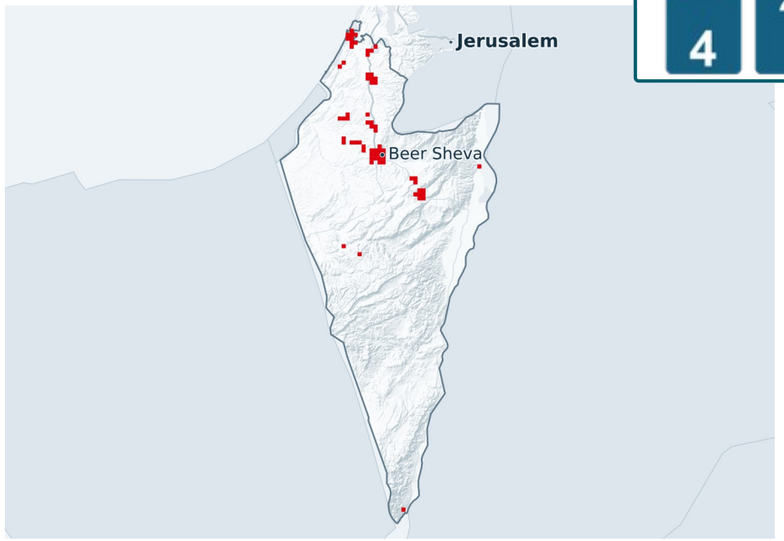


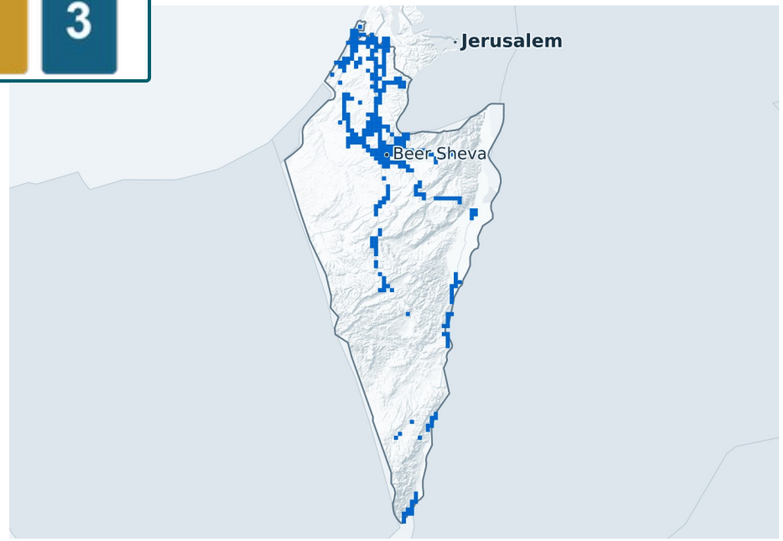
HOT

Geographical Coverage
27,54 %

In mobility Pop. Coverage
25,80 %

nPerf Coverage Score
26,67 %





פלאפון

Geographical Coverage
47,14 %

In mobility Pop. Coverage
61,74 %

nPerf Coverage Score
54,44 %

5G coverage — HaMerkaz

סלקום

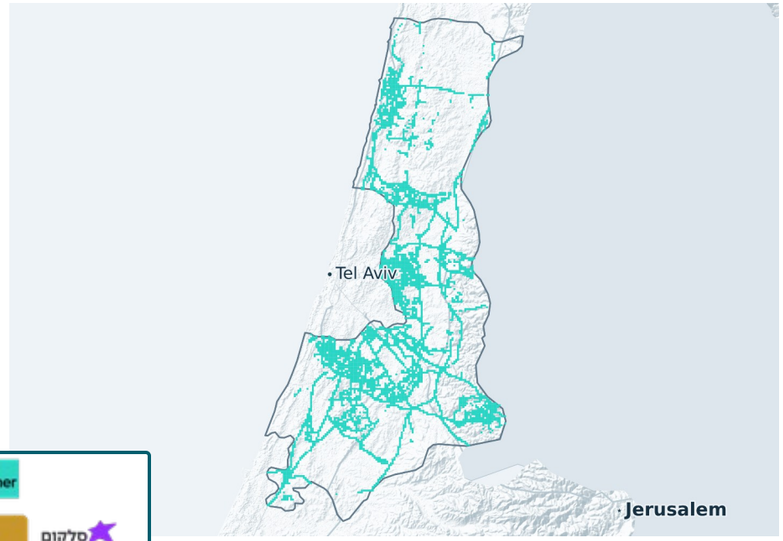
Geographical Coverage
80,50 %

In mobility Pop. Coverage
91,92 %

nPerf Coverage Score
86,21 %







Partner

Geographical Coverage
86,08 %

In mobility Pop. Coverage
94,29 %

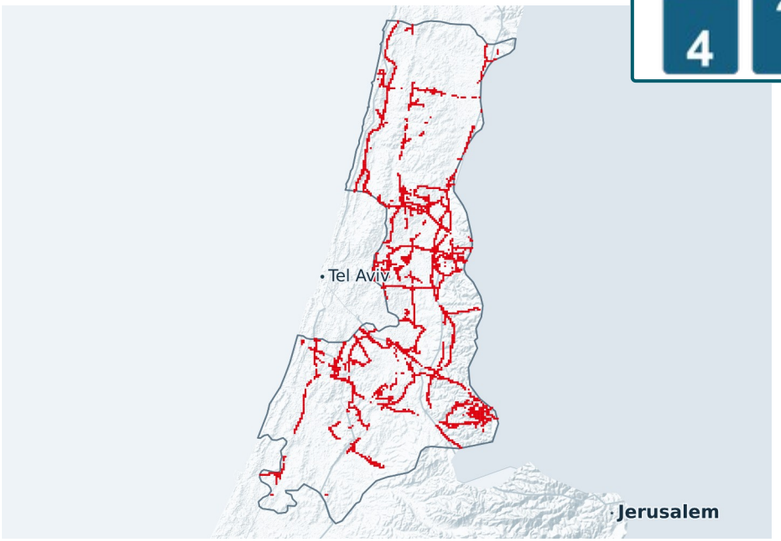
nPerf Coverage Score
90,18 %

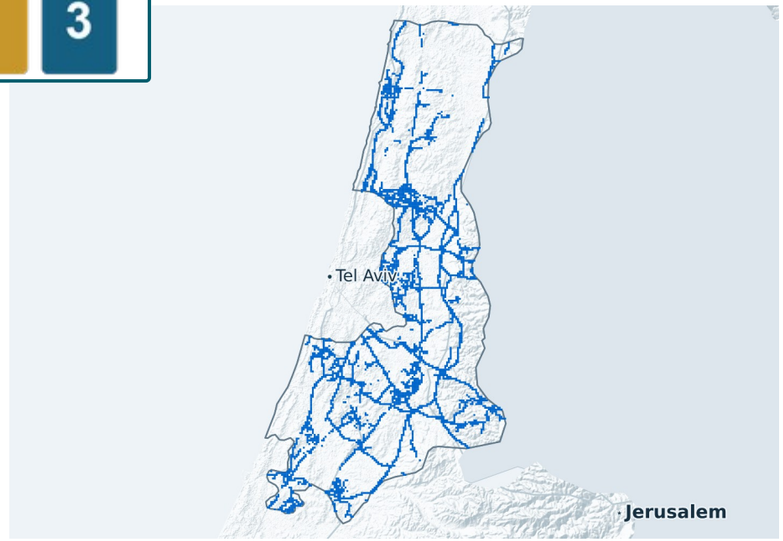
HOT

Geographical Coverage
73,89 %

In mobility Pop. Coverage
83,53 %

nPerf Coverage Score
78,71 %





פלאפון

Geographical Coverage
85,03 %

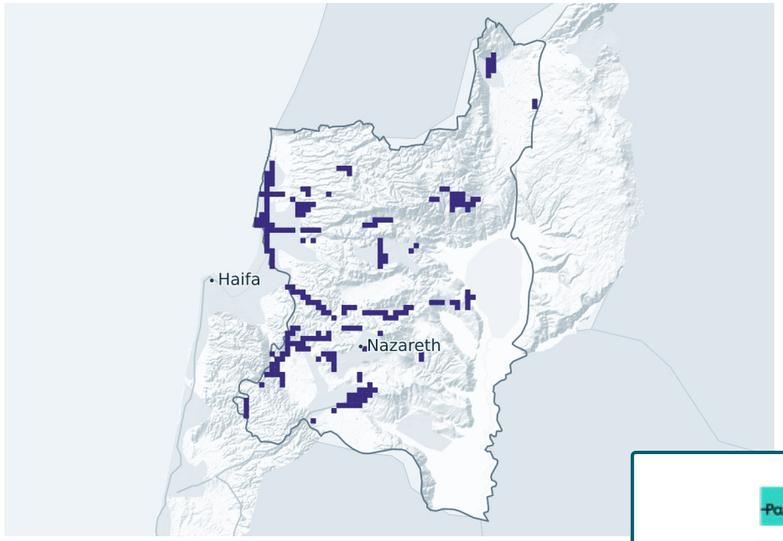
In mobility Pop. Coverage
94,61 %

nPerf Coverage Score
89,82 %

5G coverage — HaZafon

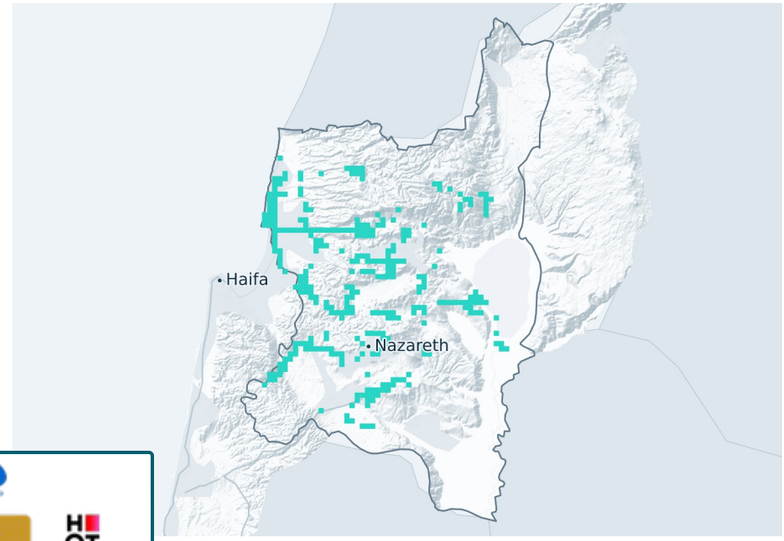
סלקום

Geographical Coverage	25,00 %
In mobility Pop. Coverage	39,79 %
nPerf Coverage Score	**32,40 %**



Partner

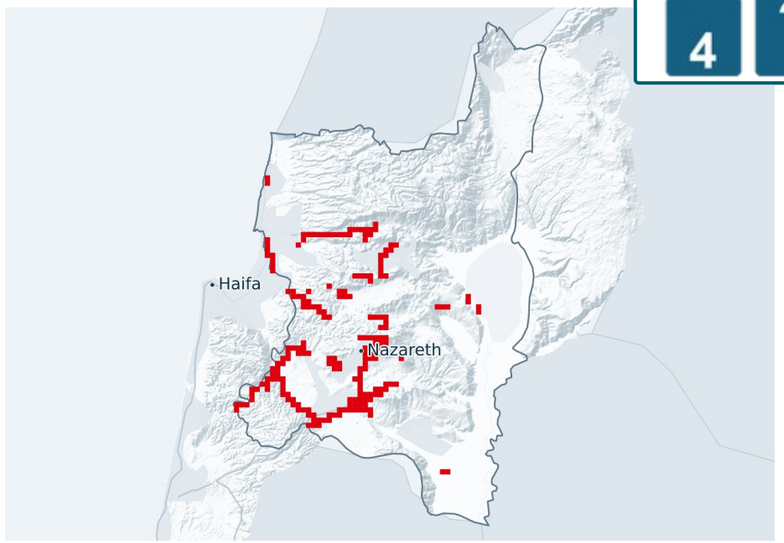
Geographical Coverage	39,27 %
In mobility Pop. Coverage	49,52 %
nPerf Coverage Score	**44,40 %**





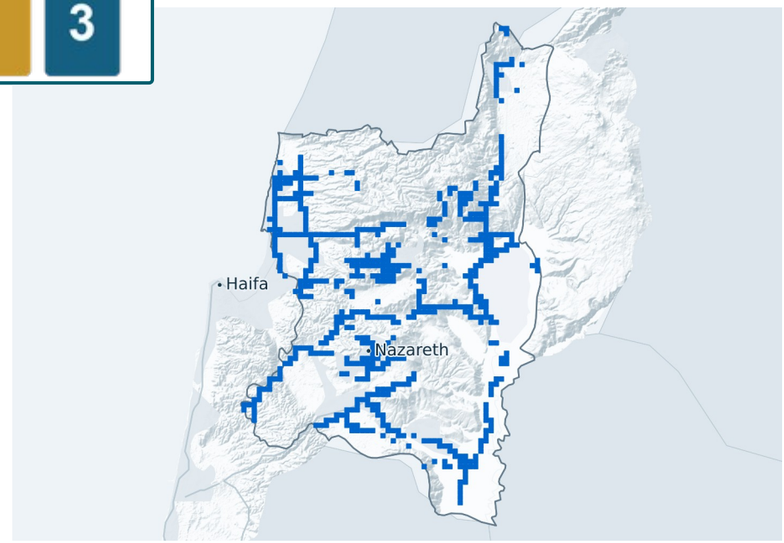
HOT

Geographical Coverage	41,44 %
In mobility Pop. Coverage	46,79 %
nPerf Coverage Score	**44,11 %**



פלאפון

Geographical Coverage	54,22 %
In mobility Pop. Coverage	70,46 %
nPerf Coverage Score	**62,34 %**



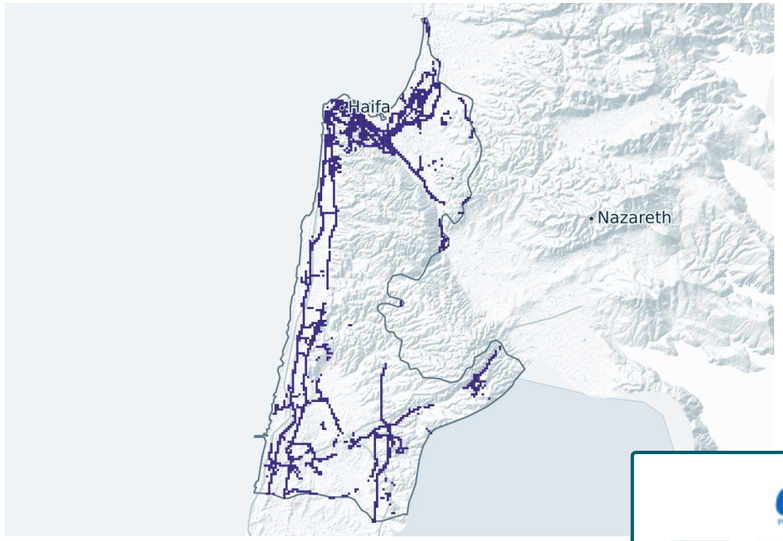
5G coverage — Haifa

סלקום

Geographical Coverage
73,18 %

In mobility Pop. Coverage
84,61 %

nPerf Coverage Score
78,90 %

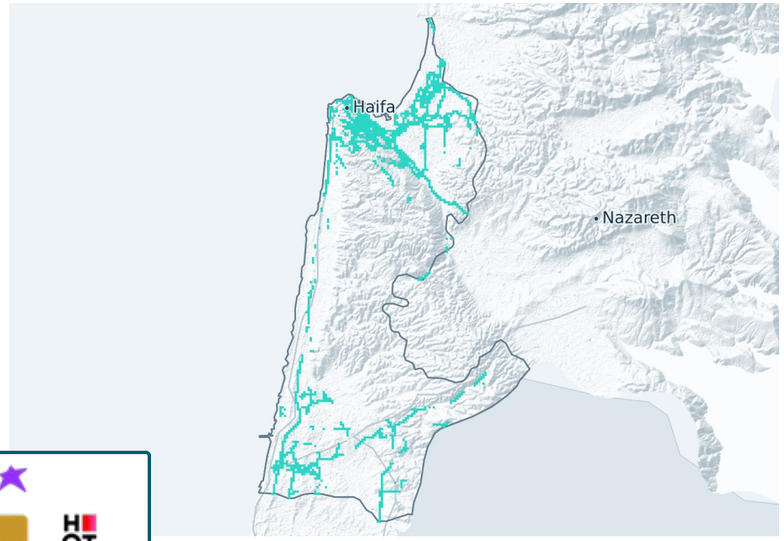


Partner

Geographical Coverage
66,28 %

In mobility Pop. Coverage
71,11 %

nPerf Coverage Score
68,69 %



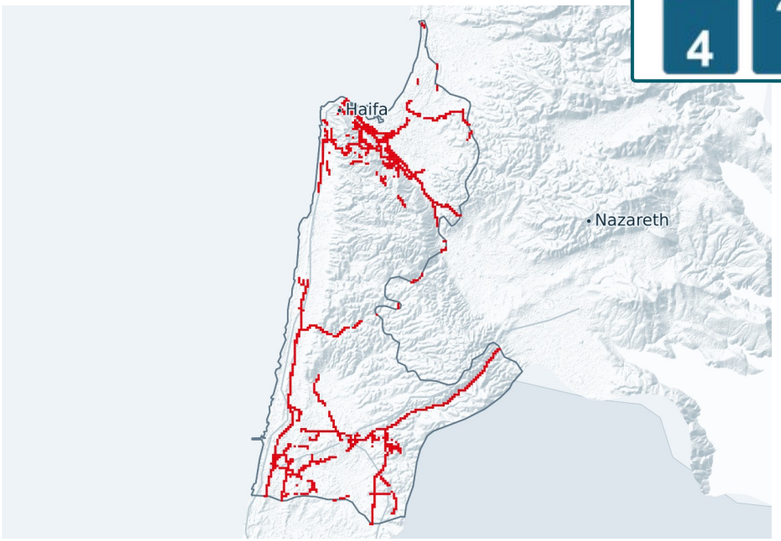


HOT

Geographical Coverage
64,43 %

In mobility Pop. Coverage
73,19 %

nPerf Coverage Score
68,81 %

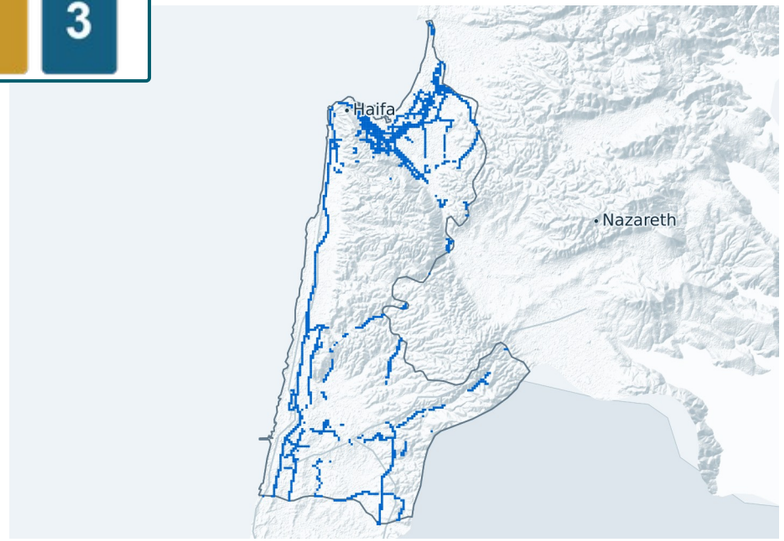


פלאפון

Geographical Coverage
68,72 %

In mobility Pop. Coverage
80,89 %

nPerf Coverage Score
74,81 %



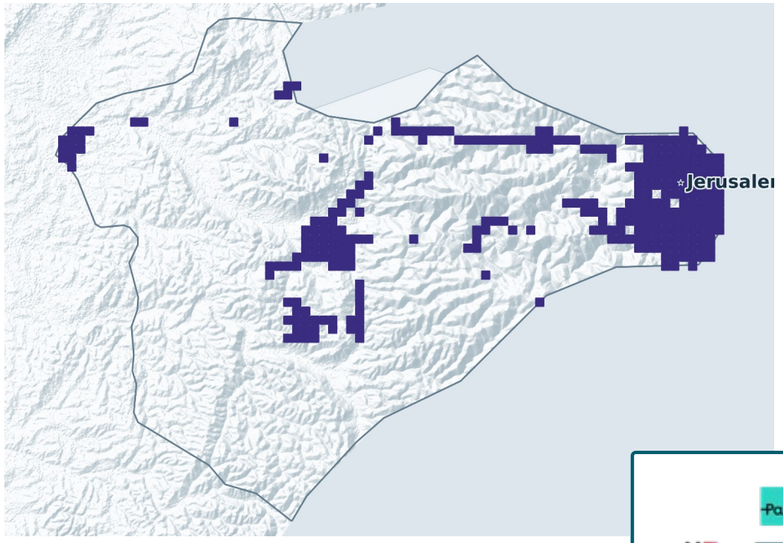
5G coverage — Jerusalem

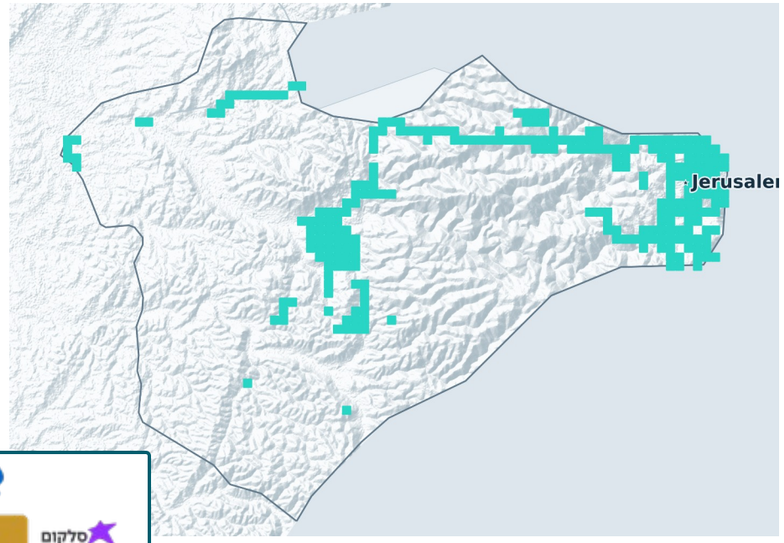
סלקום

Geographical Coverage
58,63 %

In mobility Pop. Coverage
79,75 %

nPerf Coverage Score
69,19 %





Partner

Geographical Coverage
57,01 %

In mobility Pop. Coverage
82,00 %

nPerf Coverage Score
69,51 %

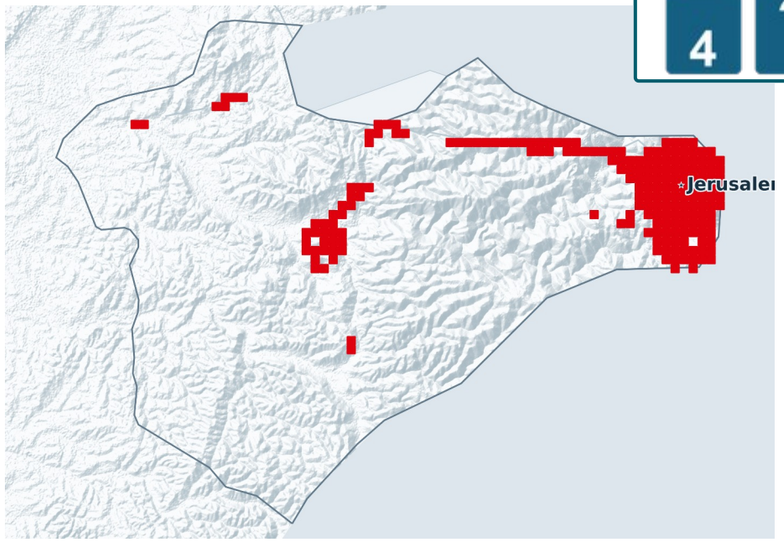


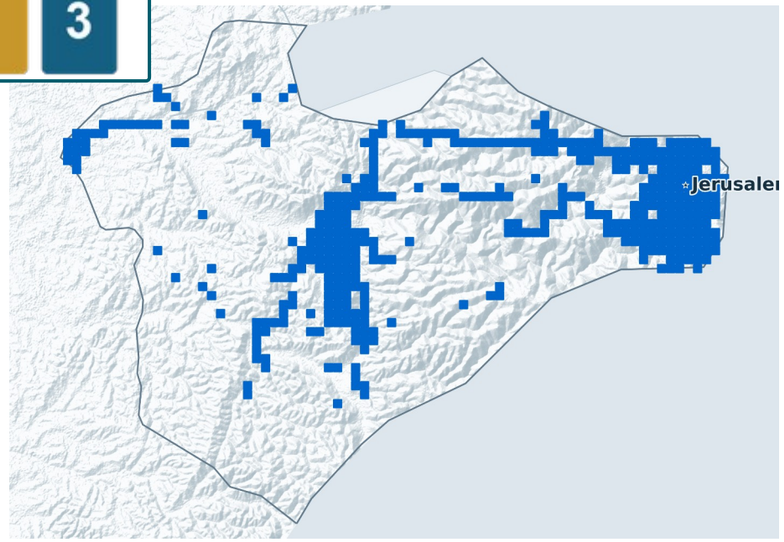
HOT

Geographical Coverage
61,24 %

In mobility Pop. Coverage
72,58 %

nPerf Coverage Score
66,91 %





פלאפון

Geographical Coverage
60,21 %

In mobility Pop. Coverage
84,48 %

nPerf Coverage Score
72,34 %

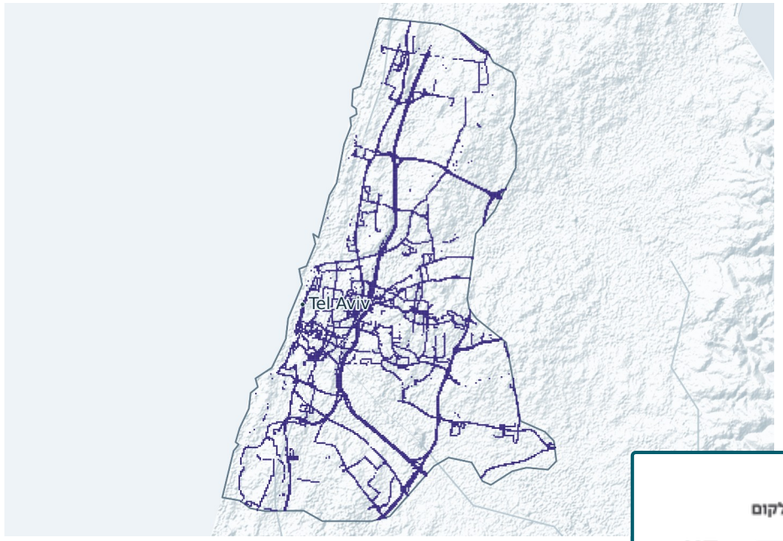
5G coverage — TelAviv

סלקום

Geographical Coverage
94,81 %

In mobility Pop. Coverage
97,62 %

nPerf Coverage Score
96,22 %

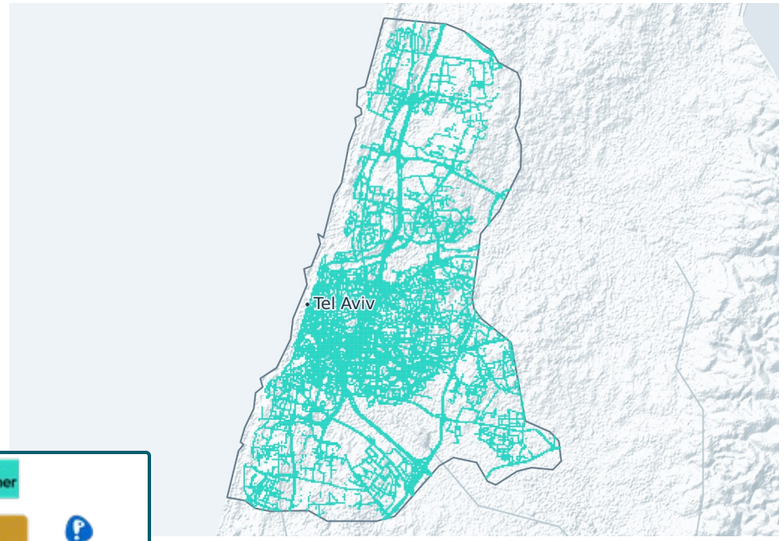


Partner

Geographical Coverage
98,69 %

In mobility Pop. Coverage
99,86 %

nPerf Coverage Score
99,27 %



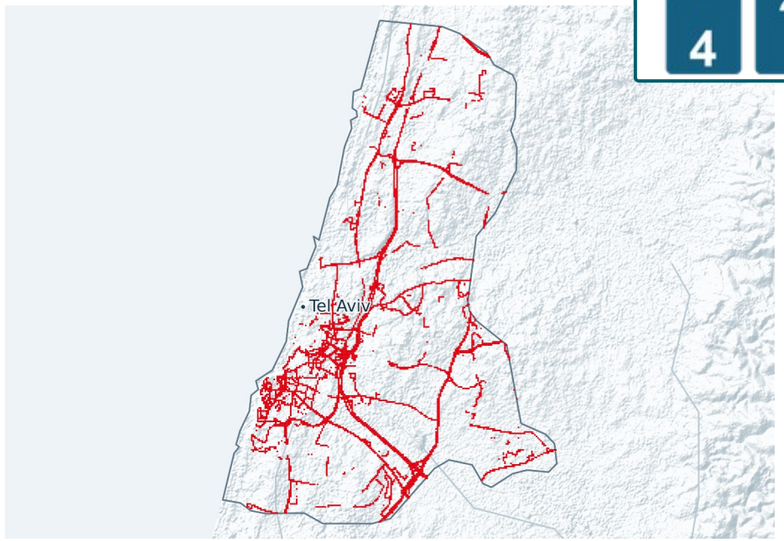


HOT

Geographical Coverage
88,02 %

In mobility Pop. Coverage
94,70 %

nPerf Coverage Score
91,36 %

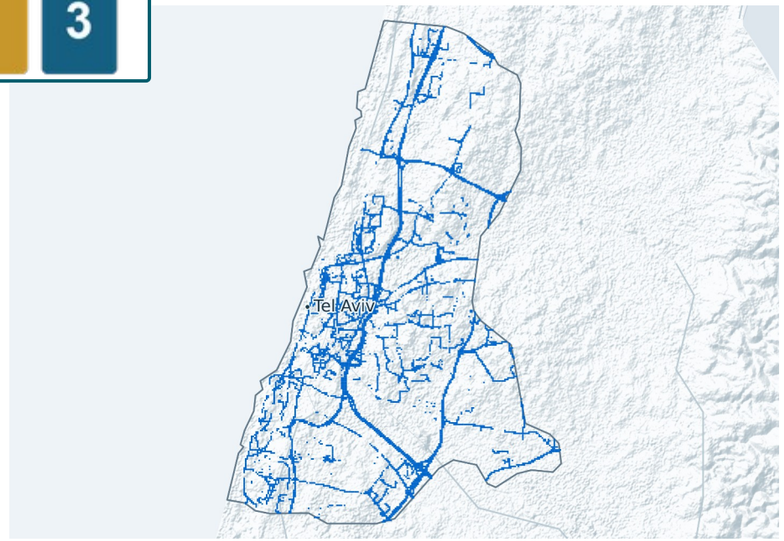


פלאפון

Geographical Coverage
88,31 %

In mobility Pop. Coverage
96,34 %

nPerf Coverage Score
92,33 %

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