



TrueCall Coverage in IMNOS

Where the data comes from

- Source is TrueCall call records
- Aggregate RSRP measurements as a neighbor with RSRP as a server
- More comprehensive view of cell coverage
- Fills in the map better to have sufficient data for daily map

Measurements as a Server

Call Table													
	Start Time	End Time	Duration	eRAB Attempts	End Cell	End PCI	RSRP [dBm]	N1 PCI	N1 RSRP [dBm]	N2 PCI	N2 RSRP [dBm]	N3 PCI	N3 RSRP [dBm]
1	11/08/18 6:02:40 pm	11/08/18 6:02:53 pm	00:13.139	2	310260024957451	36	-95	338	-103	306	-104	36	-107
2	11/08/18 6:02:20 pm	11/08/18 6:02:35 pm	00:14.525	2	310260024957451	36	-105	237	-107	338	-108	306	-108
3	11/08/18 6:10:40 pm	11/08/18 6:10:47 pm	00:06.604	1	310260024957451	36	-105	338	-106	258	-110	204	-110
4	11/08/18 6:58:20 pm	11/08/18 6:58:43 pm	00:23.103	1	310260024957451	36	-100	328	-99	234	-104	N/A	N/A
5	11/08/18 6:02:38 pm	11/08/18 6:02:43 pm	00:05.196	2	310260024957451	36	-111	N/A	N/A	N/A	N/A	N/A	N/A
6	11/08/18 6:10:32 pm	11/08/18 6:10:38 pm	00:06.638	2	310260024957451	36	-112	N/A	N/A	N/A	N/A	N/A	N/A
7	11/08/18 6:11:49 pm	11/08/18 6:11:54 pm	00:05.193	1	310260024957451	36	-105	117	-104	N/A	N/A	N/A	N/A
8	11/08/18 6:10:20 pm	11/08/18 6:10:25 pm	00:05.190	2	310260024957451	36	-109	117	-107	32	-113	N/A	N/A

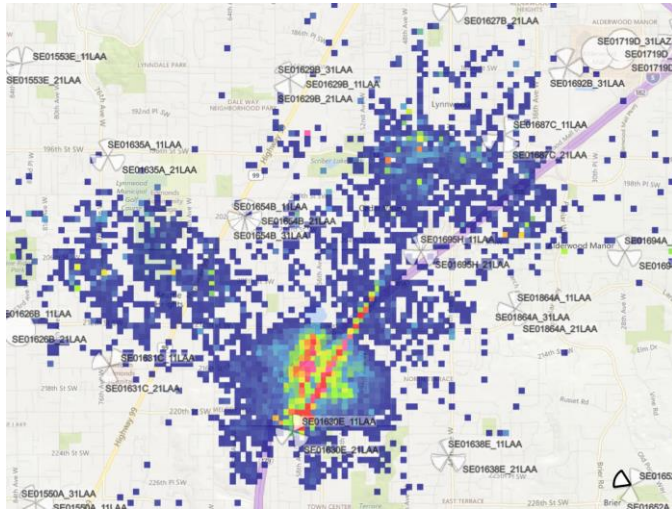
Measurements as a Neighbor

Call Table													
	Start Time	End Time	Duration	End Cell	End PCI	RSRP [dBm]	eRAB Attempts	N1 PCI	N1 RSRP [dBm]	N2 PCI	N2 RSRP [dBm]	N3 PCI	N3 RSRP [dBm]
1	11/08/18 6:56:41 pm	11/08/18 6:57:08 pm	00:26.518	310260021650955	201	-109	2	36	-116	N/A	N/A	N/A	N/A
2	11/08/18 6:26:56 pm	11/08/18 6:28:22 pm	01:25	310260021650955	201	-101	1	36	-115	273	-115	N/A	N/A
3	11/08/18 6:55:33 pm	11/08/18 6:57:40 pm	02:07	310260021650955	201	-106	1	36	-124	N/A	N/A	N/A	N/A
4	11/08/18 6:58:40 pm	11/08/18 6:59:02 pm	00:22.540	310260021650955	201	-106	2	36	-113	N/A	N/A	N/A	N/A
5	11/08/18 6:27:20 pm	11/08/18 6:27:28 pm	00:07.988	310260024953869	341	-108	1	36	-114	N/A	N/A	N/A	N/A
6	11/08/18 6:57:02 pm	11/08/18 6:57:07 pm	00:05.496	310260024953869	341	-107	1	36	-113	N/A	N/A	N/A	N/A
7	11/08/18 6:58:09 pm	11/08/18 6:58:15 pm	00:05.559	310260024953869	341	-107	1	36	-113	N/A	N/A	N/A	N/A

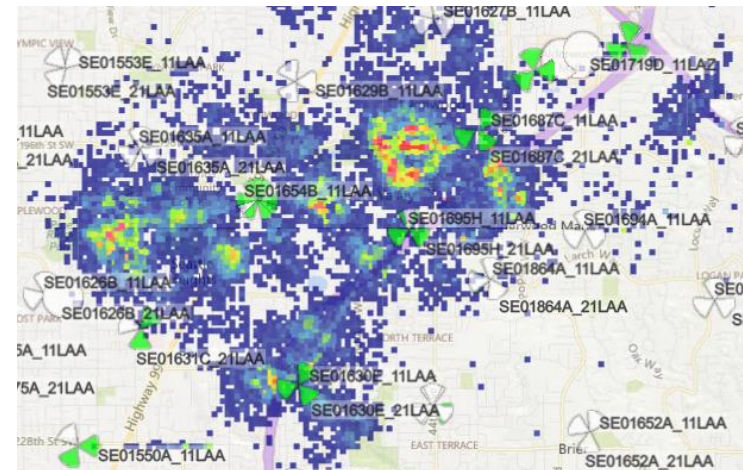
TrueCall ClientPlots Combined

- IMNOS TrueCall Coverage combined records as Server, N1, N2, and N3

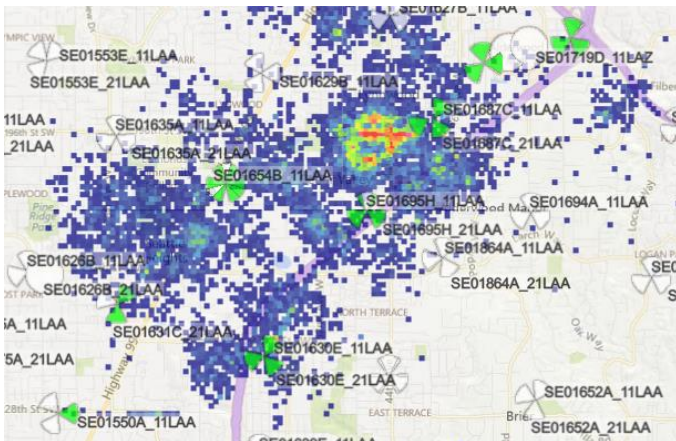
Server



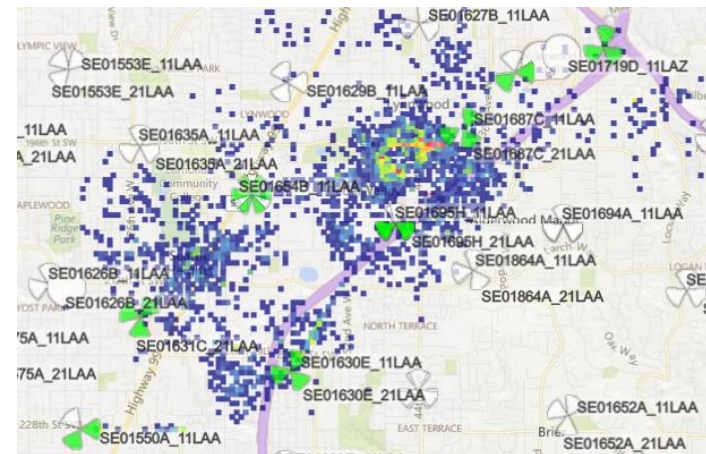
N1



N2

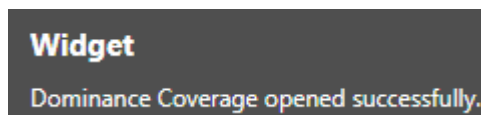
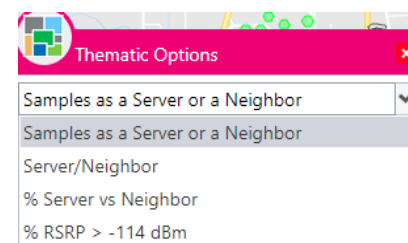
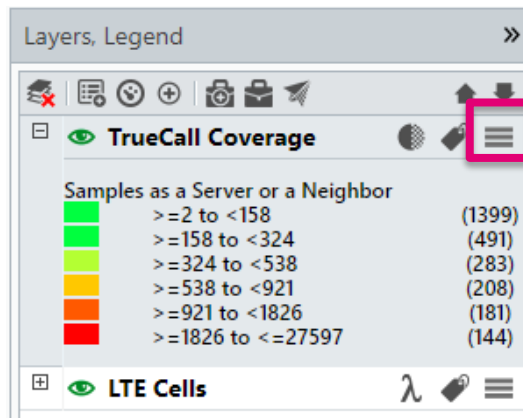
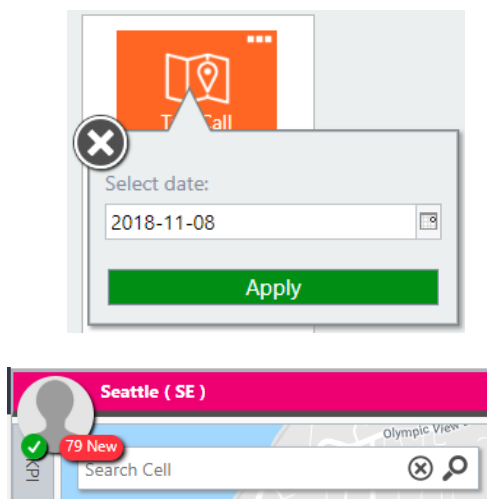
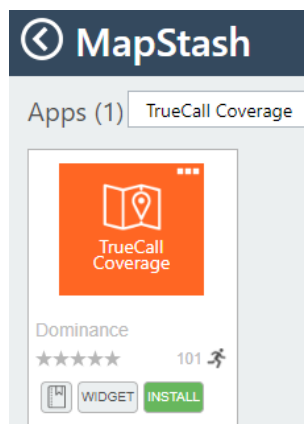


N3



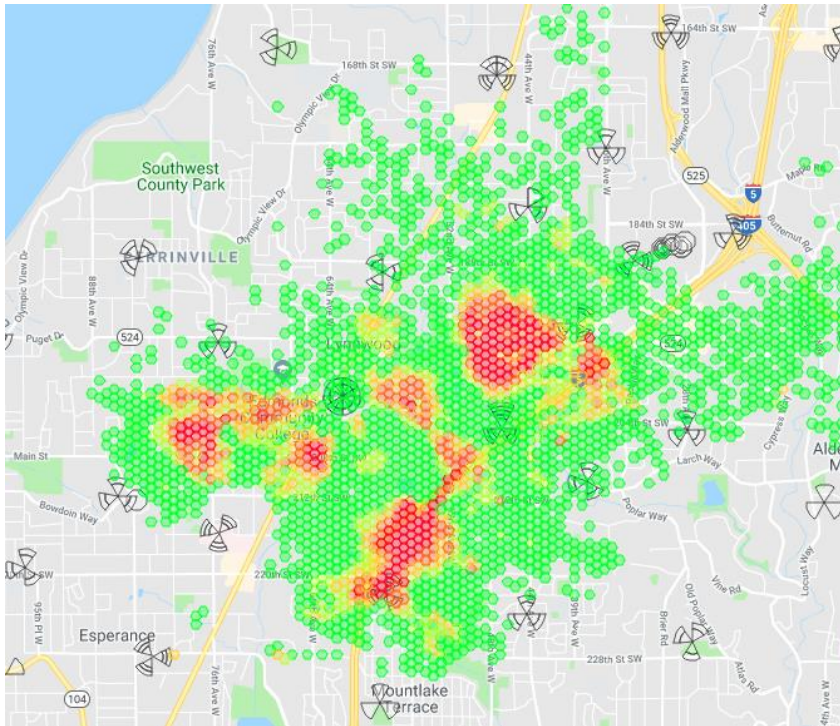
How to run the report

- MapStash
- Search for “TrueCall Coverage”
- Click on icon and select a day
- “TrueCall Coverage” will show as a layer
- Search for a cell in the top left of the map
- Click on a cell, wait 10 seconds for traffic map
- Records for the entire day are aggregated into 56m hexagons
- See [Dominance in IMNOS](#) instructions to find cells to downtilt/uptilt



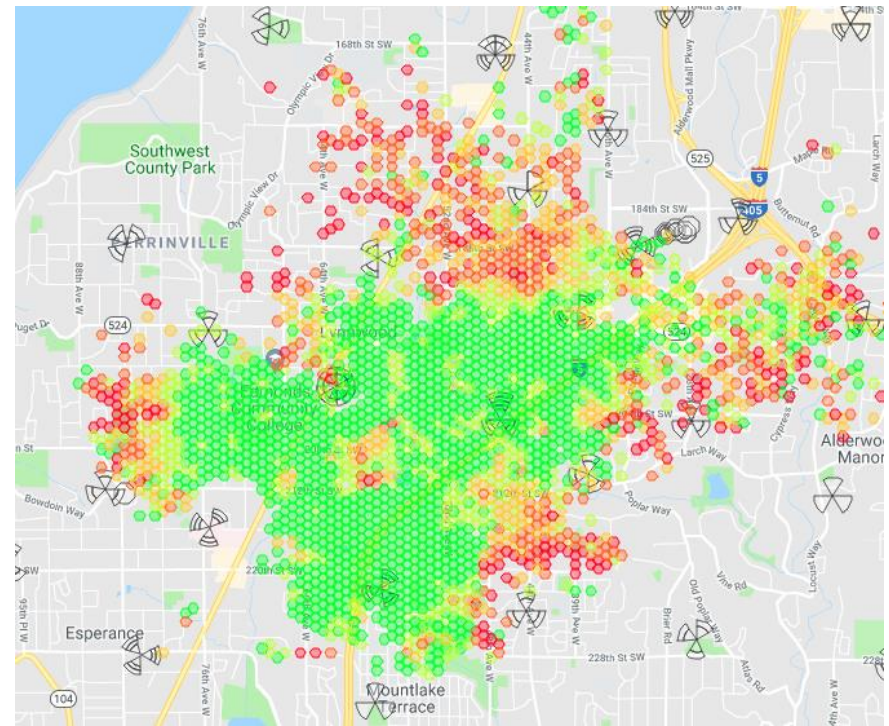
Coverage for this cell

Traffic



Samples as a Server or Neighbor

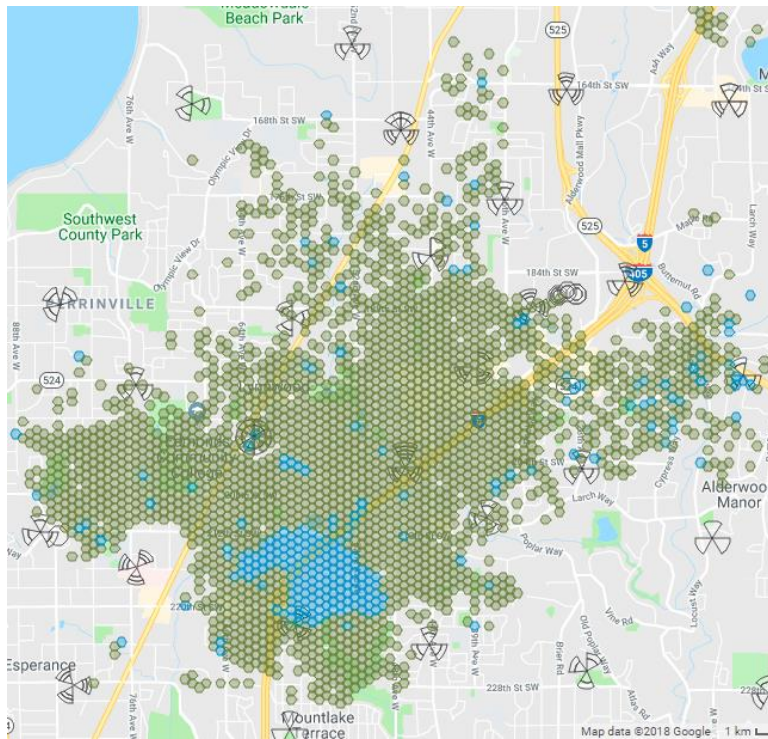
Coverage



% of Samples with RSRP > -114 dBm

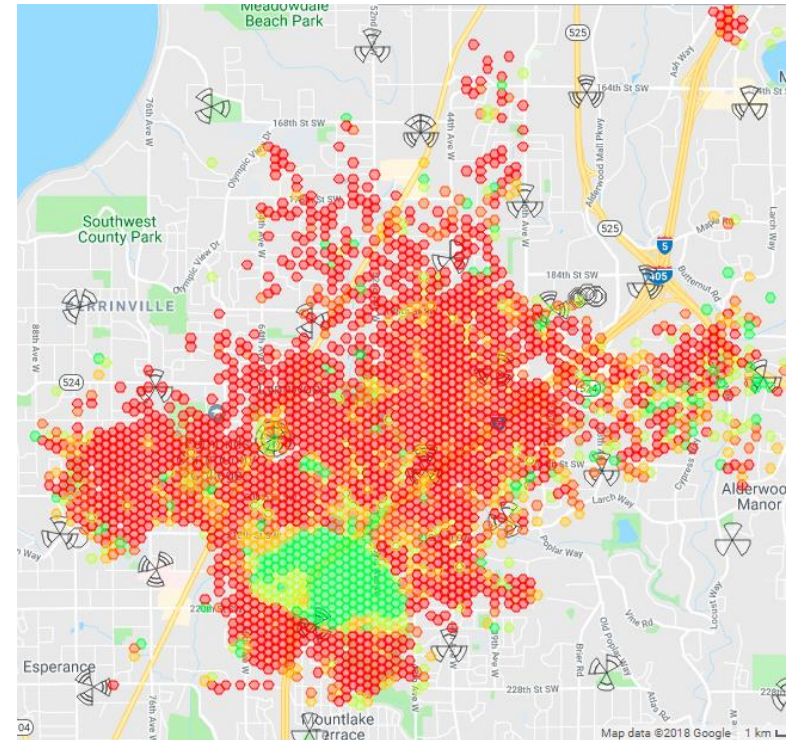
Where this cell is mostly a server

>50% of samples as a Server (in Blue)



Server/Neighbor

Percentage of Samples as a Server



% Server vs Neighbor