

OPSG 71/01

Increasing SRV ratios per device

SEC Ops Group

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The Ask

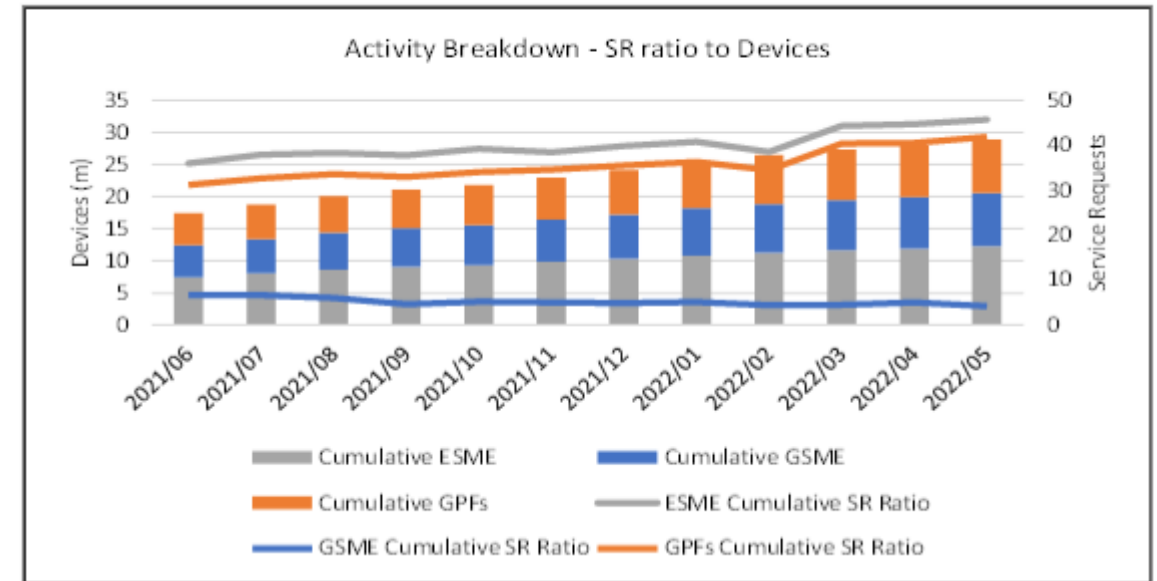


- Increasing SRV ratio's per device
- The DCC to investigate the increasing SR to device ratio as reported in the DCC Operational Reporting Packs
- For information and discussion

Monthly SR Ratios Per Meter

Summary

- Daily SR Ratios to Meters have consistently increased over the last 12 months
- This applies to both Daily SR's ratios to ESME's and GPF's
- Monthly SR Ratios reflect the number of days in each month, as illustrated by the drop in SR Ratios in February



Top 20 Monthly SR Ratios Per Meter and SRV

Summary

- SRV's 4.6.1 and 4.8.1 account for 80%+ of SRV volumes and SR Ratios Per Meter
- Over the last 3 months 4.6.1 and 4.8.1 account for ~90% of the increase in SRV Ratios Per Meter
- Over time an increasing proportion of meters are receiving both 4.6.1 and 4.8.1 reads and are being read daily
- This increase in 4.6.1 and 4.8.1's is reflected in Scheduled SR Ratios per Meters being the only mode of operation to consistently and significantly increase over time

MonthYearConcat	2022-02			2022-03			2022-04			2022-05		
SRV	Total SRV	SRV by Device	SRV MoM%	Total SRV	SRV by Device	SRV MoM%	Total SRV	SRV by Device	SRV MoM%	Total SRV	SRV by Device	SRV MoM%
4,6,1	398,324,347	21.23	-1.20%	473,498,392	24.36	18.87%	482,436,060	24.20	1.89%	512,534,201	24.87	6.24%
4,8,1	213,370,972	11.37	-1.09%	258,207,374	13.28	21.01%	264,978,041	13.29	2.62%	288,283,836	13.99	8.80%
8,2	18,189,371	0.97	3.42%	19,298,078	0.99	6.10%	19,958,671	1.00	3.42%	25,504,047	1.24	27.78%
4,1,4	13,929,809	0.74	-3.87%	16,520,434	0.85	18.60%	16,875,023	0.85	2.15%	19,080,318	0.93	13.07%
4,3	6,732,828	0.36	-5.31%	10,114,487	0.52	50.23%	12,034,512	0.60	18.98%	12,045,188	0.58	0.09%
6,6	9,401,476	0.50	-19.38%	7,991,363	0.41	-15.00%	8,706,714	0.44	8.95%	8,720,081	0.42	0.15%
1,2,1	1,078,504	0.06	18.52%	10,443,886	0.54	868.37%	20,430,493	1.02	95.62%	1,573,720	0.08	-92.30%
2,2	5,250,930	0.28	-8.91%	5,603,994	0.29	6.72%	6,692,053	0.34	19.42%	6,264,078	0.30	-6.40%
1,1,1	4,514,428	0.24	-8.87%	4,468,012	0.23	-1.03%	4,270,598	0.21	-4.42%	4,304,791	0.21	0.80%
6,1,1	2,393,926	0.13	-1.26%	3,289,533	0.17	37.41%	2,714,448	0.14	-17.48%	5,060,505	0.25	86.43%
7,4	3,066,221	0.16	-18.88%	3,643,907	0.19	18.84%	2,883,505	0.14	-20.87%	3,743,998	0.18	29.84%
6,8	3,713,484	0.20	-9.22%	4,109,234	0.21	10.66%	2,311,648	0.12	-43.75%	3,200,450	0.16	38.45%
11,3	3,264,801	0.17	3.59%	2,885,160	0.15	-11.63%	1,964,060	0.10	-31.93%	4,751,461	0.23	141.92%
5,1	3,254,037	0.17	-27.29%	3,342,352	0.17	2.71%	2,593,249	0.13	-22.41%	3,327,414	0.16	28.31%
4,1,2	2,586,265	0.14	-5.83%	2,865,167	0.15	10.78%	3,072,147	0.15	7.22%	3,177,285	0.15	3.42%
4,1,7	2,179,507	0.12	-8.92%	3,857,067	0.20	76.97%	2,685,001	0.13	-30.39%	2,938,361	0.14	9.44%
6,2,4,1	2,815,269	0.15	-25.53%	2,506,013	0.13	-10.98%	2,012,144	0.10	-19.71%	3,826,275	0.19	90.16%
4,1,1	2,621,640	0.14	-2.60%	2,749,763	0.14	4.89%	2,873,721	0.14	4.51%	2,892,795	0.14	0.66%
6,1,7	2,472,801	0.13	-12.17%	2,911,785	0.15	17.75%	2,383,122	0.12	-18.16%	2,817,460	0.14	18.23%
6,1,5,2	2,361,669	0.13	-9.37%	2,727,275	0.14	15.48%	2,161,599	0.11	-20.74%	2,414,619	0.12	11.71%
11,2	2,341,422	0.12	56.18%	2,496,006	0.13	6.60%	2,022,538	0.10	-18.97%	2,714,094	0.13	34.19%
4,4,2	1,987,421	0.11	-18.39%	1,752,241	0.09	-11.83%	3,137,779	0.16	79.07%	1,770,928	0.09	-43.56%
4,1	1,532,361	0.08	47.85%	2,266,335	0.12	47.90%	2,479,008	0.12	9.38%	2,232,033	0.11	-9.96%
8,9	2,092,816	0.11	64.59%	1,886,660	0.10	-9.85%	2,198,814	0.11	16.55%	1,946,836	0.09	-11.46%
4,1,1,1	2,174,572	0.12	9.93%	1,334,419	0.07	-38.64%	1,358,724	0.07	1.82%	2,662,246	0.13	95.94%
Total	711,650,877	37.93	-1.78%	850,768,937	43.77	19.55%	875,233,672	43.90	2.88%	927,787,020	45.01	6.00%

Daily SRV Ratios Per Meter

Summary

- Daily SR Ratios Per Meter follow a week and weekday saw tooth pattern due to the concentration of installations and associated traffic during weekdays
- 4.6.1 and 4.8.1 represent 80%+ of SR Ratios per Meter
- The top 20 SRV's by volume account for ~95% of the SRs Ratio Per Meter.

