

```
1  [
2    {
3      "id": "b7a05959.ff8688",
4      "type": "tab",
5      "label": "OPS24--A",
6      "disabled": false,
7      "info": ""
8    },
9    {
10     "id": "d9c88b99.c91ee8",
11     "type": "ui_base",
12     "theme": {
13       "name": "theme-dark",
14       "lightTheme": {
15         "default": "#0094CE",
16         "baseColor": "#0094CE",
17         "baseFont": "-apple-system,BlinkMacSystemFont, Segoe
18         UI,Roboto,Oxygen-Sans,Ubuntu,Cantarell,Helvetica Neue,sans-serif",
19         "edited": true,
20         "reset": false
21       },
22       "darkTheme": {
23         "default": "#097479",
24         "baseColor": "#097479",
25         "baseFont": "-apple-system,BlinkMacSystemFont, Segoe
26         UI,Roboto,Oxygen-Sans,Ubuntu,Cantarell,Helvetica Neue,sans-serif",
27         "edited": true,
28         "reset": false
29       },
30       "customTheme": {
31         "name": "Untitled Theme 1",
32         "default": "#4B7930",
33         "baseColor": "#4B7930",
34         "baseFont": "-apple-system,BlinkMacSystemFont, Segoe
35         UI,Roboto,Oxygen-Sans,Ubuntu,Cantarell,Helvetica Neue,sans-serif"
36       },
37       "themeState": {
38         "base-color": {
39           "default": "#097479",
40           "value": "#097479",
41           "edited": false
42         },
43         "page-titlebar-backgroundColor": {
44           "value": "#097479",
45           "edited": false
46         },
47         "page-backgroundColor": {
48           "value": "#111111",
49           "edited": false
50         },
51         "page-sidebar-backgroundColor": {
52           "value": "#333333",
53           "edited": false
54         },
55         "group-textColor": {
56           "value": "#0eb8c0",
57           "edited": false
58         },
59         "group-borderColor": {
60           "value": "#555555",
61           "edited": false
62         },
63         "group-backgroundColor": {
64           "value": "#333333",
65           "edited": false
66         },
67         "widget-textColor": {
68           "value": "#eeeeee",
69           "edited": false
70         }
71       }
72     }
73   }
74 ]
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67         },
68         "widget-backgroundColor": {
69             "value": "#097479",
70             "edited": false
71         },
72         "widget-borderColor": {
73             "value": "#333333",
74             "edited": false
75         },
76         "base-font": {
77             "value": "-apple-system,BlinkMacSystemFont,Segoe
              UI,Roboto,Oxygen-Sans,Ubuntu,Cantarell,Helvetica Neue,sans-serif"
78         }
79     },
80     "angularTheme": {
81         "primary": "indigo",
82         "accents": "blue",
83         "warn": "red",
84         "background": "grey"
85     }
86 },
87 "site": {
88     "name": "Node-RED Dashboard",
89     "hideToolbar": "false",
90     "allowSwipe": "false",
91     "lockMenu": "false",
92     "allowTempTheme": "true",
93     "dateFormat": "DD/MM/YYYY",
94     "sizes": {
95         "sx": 56,
96         "sy": 56,
97         "gx": 6,
98         "gy": 6,
99         "cx": 6,
100        "cy": 6,
101        "px": 0,
102        "py": 0
103    }
104 }
105 },
106 {
107     "id": "767b649e.25892c",
108     "type": "ui_group",
109     "name": "Dashboard",
110     "tab": "ddd6dfb3.36535",
111     "order": 2,
112     "disp": false,
113     "width": "6",
114     "collapse": false,
115     "className": ""
116 },
117 {
118     "id": "2ff065ae.0ccc6a",
119     "type": "ui_group",
120     "name": "Location",
121     "tab": "ddd6dfb3.36535",
122     "order": 1,
123     "disp": false,
124     "width": "6",
125     "collapse": false
126 },
127 {
128     "id": "ddd6dfb3.36535",
129     "type": "ui_tab",
130     "name": "OmniPreSense Live Radar Data @ Remuda Ln, SJ Calif (PST)",
131     "icon": "dashboard",
132     "disabled": false,
133     "hidden": false
134 },

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135 {
136     "id": "8f1523f3.fc6e",
137     "type": "serial-port",
138     "serialport": "/dev/ttyACM0",
139     "serialbaud": "19200",
140     "databits": "8",
141     "parity": "none",
142     "stopbits": "1",
143     "waitfor": "",
144     "newline": "\\n",
145     "bin": "false",
146     "out": "char",
147     "addchar": "",
148     "responsetimeout": "10000"
149 },
150 {
151     "id": "2293c112.ebf75e",
152     "type": "inject",
153     "z": "b7a05959.ff8688",
154     "name": "init: switch to JSON, MPH, no fractions",
155     "props": [
156         {
157             "p": "payload"
158         },
159         {
160             "p": "topic",
161             "vt": "str"
162         }
163     ],
164     "repeat": "",
165     "crontab": "",
166     "once": true,
167     "onceDelay": "",
168     "topic": "",
169     "payload": "\\\"ONOJF0USS2A!?P@O\\\" & \\\"@|60\\n\\\" & \\\"A!\\\"",
170     "payloadType": "jsonata",
171     "x": 190,
172     "y": 60,
173     "wires": [
174         [
175             "79268f5e.2d085"
176         ]
177     ]
178 },
179 {
180     "id": "b5989a25.0e77b8",
181     "type": "json",
182     "z": "b7a05959.ff8688",
183     "name": "",
184     "property": "payload",
185     "action": "",
186     "pretty": false,
187     "x": 110,
188     "y": 300,
189     "wires": [
190         [
191             "626d69eb.6a8578",
192             "af0cf345.b0af",
193             "42adeaf2.9debc4",
194             "fe6dd7cb.c77198"
195         ]
196     ]
197 },
198 {
199     "id": "626d69eb.6a8578",
200     "type": "switch",
201     "z": "b7a05959.ff8688",
202     "name": "if message contains Product",
203     "property": "payload",

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204     "propertyType": "msg",
205     "rules": [
206         {
207             "t": "hask",
208             "v": "Product",
209             "vt": "str"
210         }
211     ],
212     "checkall": "true",
213     "repair": false,
214     "outputs": 1,
215     "x": 340,
216     "y": 380,
217     "wires": [
218         [
219             "6d8449c8.b1a728"
220         ]
221     ]
222 },
223 {
224     "id": "f0ad17d7.dd4c98",
225     "type": "inject",
226     "z": "b7a05959.ff8688",
227     "name": "send Product Query",
228     "repeat": "",
229     "crontab": "",
230     "once": false,
231     "onceDelay": "",
232     "topic": "",
233     "payload": "?P",
234     "payloadType": "str",
235     "x": 130,
236     "y": 140,
237     "wires": [
238         [
239             "79268f5e.2d085"
240         ]
241     ]
242 },
243 {
244     "id": "6d8449c8.b1a728",
245     "type": "ui_text",
246     "z": "b7a05959.ff8688",
247     "group": "767b649e.25892c",
248     "order": 1,
249     "width": "6",
250     "height": "1",
251     "name": "",
252     "label": "Product:",
253     "format": "{{msg.payload.Product}}",
254     "layout": "row-spread",
255     "x": 760,
256     "y": 380,
257     "wires": []
258 },
259 {
260     "id": "fe9154c7.71f748",
261     "type": "ui_gauge",
262     "z": "b7a05959.ff8688",
263     "name": "speedgauge",
264     "group": "2ff065ae.0ccc6a",
265     "order": 2,
266     "width": "6",
267     "height": "3",
268     "gtype": "gage",
269     "title": "Recent Speed",
270     "label": "mph",
271     "format": "{{value}}",
272     "min": "0",
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273     "max": "35",
274     "colors": [
275         "#00b500",
276         "#e6e600",
277         "#ca3838"
278     ],
279     "seg1": "",
280     "seg2": "",
281     "x": 770,
282     "y": 280,
283     "wires": []
284 },
285 {
286     "id": "381a8156.e7914e",
287     "type": "ui_chart",
288     "z": "b7a05959.ff8688",
289     "name": "",
290     "group": "2ff065ae.0ccc6a",
291     "order": 3,
292     "width": "6",
293     "height": "4",
294     "label": "Speed over Time",
295     "chartType": "line",
296     "legend": "false",
297     "xformat": "HH:mm",
298     "interpolate": "linear",
299     "nodata": "",
300     "dot": false,
301     "ymin": "0",
302     "ymax": "40",
303     "removeOlder": "3",
304     "removeOlderPoints": "",
305     "removeOlderUnit": "3600",
306     "cutout": 0,
307     "useOneColor": false,
308     "useUTC": false,
309     "colors": [
310         "#28b31e",
311         "#ff0000",
312         "#ff7f0e",
313         "#2ca02c",
314         "#98df8a",
315         "#d62728",
316         "#ff9896",
317         "#9467bd",
318         "#c5b0d5"
319     ],
320     "outputs": 1,
321     "useDifferentColor": false,
322     "className": "",
323     "x": 790,
324     "y": 320,
325     "wires": [
326         []
327     ]
328 },
329 {
330     "id": "357441e8.ca7a2e",
331     "type": "ui_button",
332     "z": "b7a05959.ff8688",
333     "name": "",
334     "group": "767b649e.25892c",
335     "order": 6,
336     "width": 2,
337     "height": 1,
338     "passthru": false,
339     "label": "Fetch clock",
340     "tooltip": "",
341     "color": "",

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342     "bgcolor": "",
343     "icon": "",
344     "payload": "C?",
345     "payloadType": "str",
346     "topic": "",
347     "x": 90,
348     "y": 180,
349     "wires": [
350         [
351             "79268f5e.2d085"
352         ]
353     ]
354 },
355 {
356     "id": "bc8da3d.2730e6",
357     "type": "ui_text",
358     "z": "b7a05959.ff8688",
359     "group": "767b649e.25892c",
360     "order": 7,
361     "width": "4",
362     "height": 1,
363     "name": "",
364     "label": "Clock",
365     "format": "{{msg.payload.Clock}}",
366     "layout": "row-right",
367     "x": 750,
368     "y": 440,
369     "wires": []
370 },
371 {
372     "id": "af0cf345.b0af",
373     "type": "switch",
374     "z": "b7a05959.ff8688",
375     "name": "if message contains Clock",
376     "property": "payload",
377     "propertyType": "msg",
378     "rules": [
379         {
380             "t": "hask",
381             "v": "Clock",
382             "vt": "str"
383         }
384     ],
385     "checkall": "true",
386     "repair": false,
387     "outputs": 1,
388     "x": 330,
389     "y": 440,
390     "wires": [
391         [
392             "bc8da3d.2730e6"
393         ]
394     ]
395 },
396 {
397     "id": "95514863.951558",
398     "type": "change",
399     "z": "b7a05959.ff8688",
400     "name": "change payload.speed to abs(speed)",
401     "rules": [
402         {
403             "t": "set",
404             "p": "payload",
405             "pt": "msg",
406             "to": "$abs(payload)",
407             "tot": "jsonata"
408         }
409     ],
410     "action": "",

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411     "property": "",
412     "from": "",
413     "to": "",
414     "reg": false,
415     "x": 410,
416     "y": 280,
417     "wires": [
418         [
419             "381a8156.e7914e",
420             "fe9154c7.71f748",
421             "ea3add2b.7d041",
422             "6bba66d1.0e6788"
423         ]
424     ]
425 },
426 {
427     "id": "42adeaf2.9debc4",
428     "type": "switch",
429     "z": "b7a05959.ff8688",
430     "name": "if message contains TimedSpeedCounts",
431     "property": "payload",
432     "propertyType": "msg",
433     "rules": [
434         {
435             "t": "hask",
436             "v": "TimedSpeedCounts",
437             "vt": "str"
438         }
439     ],
440     "checkall": "true",
441     "repair": false,
442     "outputs": 1,
443     "x": 380,
444     "y": 480,
445     "wires": [
446         [
447             "a0102cc6.bed61",
448             "38a35462.571bfc"
449         ]
450     ]
451 },
452 {
453     "id": "8192d4ad.5aa8c8",
454     "type": "change",
455     "z": "b7a05959.ff8688",
456     "name": "change TimedSpeedCounts.count to number",
457     "rules": [
458         {
459             "t": "set",
460             "p": "payload",
461             "pt": "msg",
462             "to": "$number(payload.TimedSpeedCounts.count)\t",
463             "tot": "jsonata"
464         }
465     ],
466     "action": "",
467     "property": "",
468     "from": "",
469     "to": "",
470     "reg": false,
471     "x": 430,
472     "y": 600,
473     "wires": [
474         [
475             "a874a314.44228",
476             "7535ab88.e47ae4"
477         ]
478     ]
479 },

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```

480 {
481     "id": "a0102cc6.bed61",
482     "type": "switch",
483     "z": "b7a05959.ff8688",
484     "name": "if TimedSpeedCounts contains inbound",
485     "property": "payload.TimedSpeedCounts.direction",
486     "propertyType": "msg",
487     "rules": [
488         {
489             "t": "cont",
490             "v": "inbound",
491             "vt": "str"
492         }
493     ],
494     "checkall": "true",
495     "repair": false,
496     "outputs": 1,
497     "x": 420,
498     "y": 560,
499     "wires": [
500         [
501             "8192d4ad.5aa8c8"
502         ]
503     ]
504 },
505 {
506     "id": "a874a314.44228",
507     "type": "ui_chart",
508     "z": "b7a05959.ff8688",
509     "name": "",
510     "group": "767b649e.25892c",
511     "order": 2,
512     "width": "6",
513     "height": "3",
514     "label": "Inbound Count (last 15 min.)",
515     "chartType": "line",
516     "legend": "false",
517     "xformat": "HH:mm:ss",
518     "interpolate": "linear",
519     "nodata": "pending new data",
520     "dot": true,
521     "ymin": "0",
522     "ymax": "4",
523     "removeOlder": "15",
524     "removeOlderPoints": "",
525     "removeOlderUnit": "60",
526     "cutout": 0,
527     "useOneColor": false,
528     "colors": [
529         "#b31e1e",
530         "#aec7e8",
531         "#ff7f0e",
532         "#2ca02c",
533         "#98df8a",
534         "#d62728",
535         "#ff9896",
536         "#9467bd",
537         "#c5b0d5"
538     ],
539     "outputs": 1,
540     "x": 820,
541     "y": 560,
542     "wires": [
543         []
544     ]
545 },
546 {
547     "id": "38a35462.571bfc",
548     "type": "switch",

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```

549     "z": "b7a05959.ff8688",
550     "name": "if TimedSpeedCounts contains outbound",
551     "property": "payload.TimedSpeedCounts.direction",
552     "propertyType": "msg",
553     "rules": [
554         {
555             "t": "cont",
556             "v": "outbound",
557             "vt": "str"
558         }
559     ],
560     "checkall": "true",
561     "repair": false,
562     "outputs": 1,
563     "x": 420,
564     "y": 680,
565     "wires": [
566         [
567             "4614d19e.bd756"
568         ]
569     ]
570 },
571 {
572     "id": "b1b60443.11c098",
573     "type": "ui_chart",
574     "z": "b7a05959.ff8688",
575     "name": "",
576     "group": "767b649e.25892c",
577     "order": 4,
578     "width": "6",
579     "height": "3",
580     "label": "Outbound Count (last 15 min.)",
581     "chartType": "line",
582     "legend": "false",
583     "xformat": "HH:mm:ss",
584     "interpolate": "linear",
585     "nodata": "pending new data",
586     "dot": true,
587     "ymin": "0",
588     "ymax": "4",
589     "removeOlder": "15",
590     "removeOlderPoints": "",
591     "removeOlderUnit": "60",
592     "cutout": 0,
593     "useOneColor": false,
594     "colors": [
595         "#1f77b4",
596         "#aec7e8",
597         "#ff7f0e",
598         "#2ca02c",
599         "#98df8a",
600         "#d62728",
601         "#ff9896",
602         "#9467bd",
603         "#c5b0d5"
604     ],
605     "outputs": 1,
606     "x": 830,
607     "y": 680,
608     "wires": [
609         []
610     ]
611 },
612 {
613     "id": "4614d19e.bd756",
614     "type": "change",
615     "z": "b7a05959.ff8688",
616     "name": "change TimedSpeedCounts.count to number",
617     "rules": [

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```

618         {
619             "t": "set",
620             "p": "payload",
621             "pt": "msg",
622             "to": "$number(payload.TimedSpeedCounts.count)\t",
623             "tot": "jsonata"
624         }
625     ],
626     "action": "",
627     "property": "",
628     "from": "",
629     "to": "",
630     "reg": false,
631     "x": 430,
632     "y": 720,
633     "wires": [
634         [
635             "b1b60443.11c098",
636             "2e6a9fd1.298f"
637         ]
638     ]
639 },
640 {
641     "id": "960d772b.54c778",
642     "type": "inject",
643     "z": "b7a05959.ff8688",
644     "name": "Send \"marker\"",
645     "repeat": "60",
646     "crontab": "",
647     "once": true,
648     "onceDelay": "2",
649     "topic": "",
650     "payload": "doesnt matter",
651     "payloadType": "str",
652     "x": 760,
653     "y": 100,
654     "wires": [
655         [
656             "f60210d6.d6451"
657         ]
658     ]
659 },
660 {
661     "id": "8d8242be.39a08",
662     "type": "change",
663     "z": "b7a05959.ff8688",
664     "name": "change payload to the speed",
665     "rules": [
666         {
667             "t": "set",
668             "p": "payload",
669             "pt": "msg",
670             "to": "$number(payload.DetectedObjectVelocity)",
671             "tot": "jsonata"
672         }
673     ],
674     "action": "",
675     "property": "",
676     "from": "",
677     "to": "",
678     "reg": false,
679     "x": 380,
680     "y": 240,
681     "wires": [
682         [
683             "95514863.951558",
684             "f669470b.176e18"
685         ]
686     ]

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```

687 },
688 {
689     "id": "fe6dd7cb.c77198",
690     "type": "switch",
691     "z": "b7a05959.ff8688",
692     "name": "if message contains DetectedObjectVelocity",
693     "property": "payload",
694     "propertyType": "msg",
695     "rules": [
696         {
697             "t": "hask",
698             "v": "DetectedObjectVelocity",
699             "vt": "str"
700         }
701     ],
702     "checkall": "true",
703     "repair": false,
704     "outputs": 1,
705     "x": 390,
706     "y": 200,
707     "wires": [
708         [
709             "8d8242be.39a08"
710         ]
711     ]
712 },
713 {
714     "id": "f669470b.176e18",
715     "type": "switch",
716     "z": "b7a05959.ff8688",
717     "name": "Switch pos/neg",
718     "property": "payload",
719     "propertyType": "msg",
720     "rules": [
721         {
722             "t": "gt",
723             "v": "0",
724             "vt": "num"
725         },
726         {
727             "t": "lt",
728             "v": "0",
729             "vt": "str"
730         }
731     ],
732     "checkall": "true",
733     "repair": false,
734     "outputs": 2,
735     "x": 980,
736     "y": 240,
737     "wires": [
738         [
739             "e297c7d5.440e88"
740         ],
741         [
742             "538eec8f.8d3d34"
743         ]
744     ]
745 },
746 {
747     "id": "e297c7d5.440e88",
748     "type": "change",
749     "z": "b7a05959.ff8688",
750     "name": "speed to inbound json",
751     "rules": [
752         {
753             "t": "set",
754             "p": "speed",
755             "pt": "msg",

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```

756         "to": "$join([ \&nbsp;in:&nbsp;", $formatNumber(msg.payload, '0')], '
757         "tot": "jsonata"
758     },
759     {
760         "t": "set",
761         "p": "payload",
762         "pt": "msg",
763         "to": "{\t  \&nbsp;name\":"\&nbsp;inbound\","&nbsp;\t
764         \&nbsp;lat\":"$globalContext('lat'),\t  \&nbsp;lon\":"$globalContext('lon'),\t
765         \&nbsp;label\":"$.speed,\t  \&nbsp;ttl\":"10,\t  \&nbsp;color\":"\&nbsp;red\\"",
766     }
767 ],
768 "action": "",
769 "property": "",
770 "from": "",
771 "to": "",
772 "reg": false,
773 "x": 1080,
774 "y": 300,
775 "wires": [
776     [
777         "456ccd66.575a24"
778     ]
779 ],
780 {
781     "id": "538eec8f.8d3d34",
782     "type": "change",
783     "z": "b7a05959.ff8688",
784     "name": "speed to outbound json",
785     "rules": [
786         {
787             "t": "set",
788             "p": "speed",
789             "pt": "msg",
790             "to": "$join([ \&nbsp;out:", $formatNumber($abs(msg.payload), '0')], ' '),
791             "tot": "jsonata"
792         },
793         {
794             "t": "set",
795             "p": "payload",
796             "pt": "msg",
797             "to": "{\t  \&nbsp;name\":"\&nbsp;outbound\","&nbsp;\t
798             \&nbsp;lat\":"$globalContext('lat'),\t  \&nbsp;lon\":"$globalContext('lon'),\t
799             \&nbsp;label\":"$.speed,\t  \&nbsp;ttl\":"10,\t  \&nbsp;color\":"\&nbsp;blue\\"",
800             "tot": "jsonata"
801         }
802     ],
803     "action": "",
804     "property": "",
805     "from": "",
806     "to": "",
807     "reg": false,
808     "x": 1090,
809     "y": 336,
810     "wires": [
811         [
812             "456ccd66.575a24"
813         ]
814     ]
815 },
816 {
817     "id": "7d155aa1.84bcb4",
818     "type": "ui_chart",
819     "z": "b7a05959.ff8688",
820     "name": "",
821     "group": "767b649e.25892c",

```

```

820     "order": 3,
821     "width": "6",
822     "height": "2",
823     "label": "Inbound (westbound history)",
824     "chartType": "bar",
825     "legend": "false",
826     "xformat": "HH:mm:ss",
827     "interpolate": "linear",
828     "nodata": "",
829     "dot": false,
830     "ymin": "",
831     "ymax": "",
832     "removeOlder": "12",
833     "removeOlderPoints": "",
834     "removeOlderUnit": "3600",
835     "cutout": 0,
836     "useOneColor": true,
837     "colors": [
838         "#b31e1e",
839         "#aec7e8",
840         "#ff7f0e",
841         "#2ca02c",
842         "#98df8a",
843         "#d62728",
844         "#ff9896",
845         "#9467bd",
846         "#c5b0d5"
847     ],
848     "outputs": 1,
849     "x": 1100,
850     "y": 600,
851     "wires": [
852         []
853     ]
854 },
855 {
856     "id": "c1c79f1a.ceba7",
857     "type": "ui_chart",
858     "z": "b7a05959.ff8688",
859     "name": "",
860     "group": "767b649e.25892c",
861     "order": 5,
862     "width": "6",
863     "height": "2",
864     "label": "Outbound (eastbound history)",
865     "chartType": "bar",
866     "legend": "false",
867     "xformat": "HH:mm:ss",
868     "interpolate": "linear",
869     "nodata": "",
870     "dot": false,
871     "ymin": "0",
872     "ymax": "",
873     "removeOlder": 1,
874     "removeOlderPoints": "",
875     "removeOlderUnit": "3600",
876     "cutout": 0,
877     "useOneColor": true,
878     "colors": [
879         "#1f77b4",
880         "#aec7e8",
881         "#ff7f0e",
882         "#2ca02c",
883         "#98df8a",
884         "#d62728",
885         "#ff9896",
886         "#9467bd",
887         "#c5b0d5"
888     ],

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889         "outputs": 1,
890         "x": 1110,
891         "y": 720,
892         "wires": [
893             []
894         ]
895     },
896     {
897         "id": "52c694e2.eae15c",
898         "type": "ui_ui_control",
899         "z": "b7a05959.ff8688",
900         "name": "On Connect",
901         "events": "connect",
902         "x": 730,
903         "y": 60,
904         "wires": [
905             [
906                 "f60210d6.d6451"
907             ]
908         ]
909     },
910     {
911         "id": "8e6d3020.4d294",
912         "type": "ui_text",
913         "z": "b7a05959.ff8688",
914         "group": "2ff065ae.0ccc6a",
915         "order": 5,
916         "width": "3",
917         "height": "1",
918         "name": "",
919         "label": "Max",
920         "format": "{{msg.payload}}",
921         "layout": "col-center",
922         "x": 1190,
923         "y": 400,
924         "wires": []
925     },
926     {
927         "id": "f1ced828.422978",
928         "type": "ui_text",
929         "z": "b7a05959.ff8688",
930         "group": "2ff065ae.0ccc6a",
931         "order": 4,
932         "width": "3",
933         "height": "1",
934         "name": "",
935         "label": "Avg",
936         "format": "{{msg.payload}}",
937         "layout": "col-center",
938         "x": 1190,
939         "y": 440,
940         "wires": []
941     },
942     {
943         "id": "f60210d6.d6451",
944         "type": "change",
945         "z": "b7a05959.ff8688",
946         "name": "set marker payload",
947         "rules": [
948             {
949                 "t": "set",
950                 "p": "payload",
951                 "pt": "msg",
952                 "to": "{\n  \"name\": \"marker\", \n  \n  \"lat\": $globalContext('lat'), \n  \"lon\": $globalContext('lon'), \n  \"icon\": \"map-marker\", \n  \"color\": \"#dd0000\" \n}",
953                 "tot": "jsonata"
954             }
955         ],
956     },
957 ],
```

```
956     "action": "",
957     "property": "",
958     "from": "",
959     "to": "",
960     "reg": false,
961     "x": 990,
962     "y": 100,
963     "wires": [
964         [
965             "456ccd66.575a24"
966         ]
967     ]
968 },
969 {
970     "id": "2efdd184.4eea0e",
971     "type": "serial in",
972     "z": "b7a05959.ff8688",
973     "name": "ttyACM0",
974     "serial": "8f1523f3.fc6e",
975     "x": 60,
976     "y": 220,
977     "wires": [
978         [
979             "b5989a25.0e77b8"
980         ]
981     ]
982 },
983 {
984     "id": "79268f5e.2d085",
985     "type": "serial out",
986     "z": "b7a05959.ff8688",
987     "name": "Send to OPS24--A",
988     "serial": "8f1523f3.fc6e",
989     "x": 470,
990     "y": 140,
991     "wires": []
992 },
993 {
994     "id": "7535ab88.e47ae4",
995     "type": "bar-chart-data",
996     "z": "b7a05959.ff8688",
997     "name": "bar-chart-data (inbound)",
998     "x_interval": "quarter_hours",
999     "x_size": "12",
1000     "unit": "",
1001     "precision": "1",
1002     "is_meter_reading": "False",
1003     "agg_by": "sum",
1004     "x": 810,
1005     "y": 600,
1006     "wires": [
1007         [
1008             "7d155aa1.84bcb4"
1009         ]
1010     ]
1011 },
1012 {
1013     "id": "2e6a9fd1.298f",
1014     "type": "bar-chart-data",
1015     "z": "b7a05959.ff8688",
1016     "name": "bar-chart-data (outbound)",
1017     "x_interval": "quarter_hours",
1018     "x_size": "12",
1019     "unit": "",
1020     "precision": "1",
1021     "is_meter_reading": "False",
1022     "agg_by": "sum",
1023     "x": 810,
1024     "y": 720,
```

```

1025     "wires": [
1026         [
1027             "c1c79f1a.ceba7"
1028         ]
1029     ],
1030 },
1031 {
1032     "id": "456ccd66.575a24",
1033     "type": "ui_worldmap",
1034     "z": "b7a05959.ff8688",
1035     "group": "2ff065ae.0ccc6a",
1036     "order": 1,
1037     "width": "6",
1038     "height": "4",
1039     "name": "",
1040     "lat": "37.373194",
1041     "lon": "-121.909639",
1042     "zoom": "15",
1043     "layer": "OSM",
1044     "cluster": "",
1045     "maxage": "",
1046     "usermenu": "hide",
1047     "layers": "hide",
1048     "panit": "false",
1049     "panlock": "false",
1050     "zoomlock": "false",
1051     "hiderightclick": "false",
1052     "coords": "none",
1053     "showgrid": "false",
1054     "path": "/worldmap",
1055     "x": 1200,
1056     "y": 180,
1057     "wires": []
1058 },
1059 {
1060     "id": "ea3add2b.7d041",
1061     "type": "smooth",
1062     "z": "b7a05959.ff8688",
1063     "name": "max smooth30",
1064     "property": "payload",
1065     "action": "max",
1066     "count": "500",
1067     "round": "0",
1068     "mult": "single",
1069     "reduce": false,
1070     "x": 980,
1071     "y": 400,
1072     "wires": [
1073         [
1074             "8e6d3020.4d294"
1075         ]
1076     ]
1077 },
1078 {
1079     "id": "6bba66d1.0e6788",
1080     "type": "smooth",
1081     "z": "b7a05959.ff8688",
1082     "name": "mean smooth30",
1083     "property": "payload",
1084     "action": "mean",
1085     "count": "500",
1086     "round": "0",
1087     "mult": "single",
1088     "reduce": false,
1089     "x": 980,
1090     "y": 440,
1091     "wires": [
1092         [
1093             "f1ced828.422978"

```



```
1094     ]
1095   ]
1096 },
1097 {
1098   "id": "de38f13857ef3138",
1099   "type": "inject",
1100   "z": "b7a05959.ff8688",
1101   "name": "",
1102   "props": [
1103     {
1104       "p": "payload"
1105     },
1106     {
1107       "p": "topic",
1108       "vt": "str"
1109     }
1110   ],
1111   "repeat": "15",
1112   "crontab": "",
1113   "once": false,
1114   "onceDelay": "15",
1115   "topic": "",
1116   "payload": "",
1117   "payloadType": "date",
1118   "x": 330,
1119   "y": 320,
1120   "wires": [
1121     [
1122       "8beb99311d6813b4"
1123     ]
1124   ]
1125 },
1126 {
1127   "id": "8beb99311d6813b4",
1128   "type": "function",
1129   "z": "b7a05959.ff8688",
1130   "name": "speed limit line",
1131   "func": "msg.payload = 25;\nmsg.topic = 'Line2';\nreturn msg;",
1132   "outputs": 1,
1133   "noerr": 0,
1134   "initialize": "",
1135   "finalize": "",
1136   "libs": [],
1137   "x": 500,
1138   "y": 320,
1139   "wires": [
1140     [
1141       "381a8156.e7914e"
1142     ]
1143   ]
1144 }
1145 ]
```