

First Looks Update #2

Using a SecuriTEST PRO

8 May 2009

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Note

For additional information about the SecuriTEST PRO see the ST.PDF document.

¹\$Header: d:/Binder7/SecuriTEST/RCS/FL2.tex,v 1.3 2009-05-08 07:57:26-07 Hamilton Exp Hamilton \$
⁴tocdepth = 4

1 Pelco D Protocol

```

1  # $ Header: d:/Binder0/RCS/MsQ.l,v 1.1 2008-09-12 14:26:31-07 Hamilton Exp Hamilton $
2  # $Header: d:/Binder7/SecuriTEST/RCS/09APR27L.D,v 1.5 2009-05-01 07:12:53-07 Hamilton Exp Hamilton $
3  # Mon Apr 27 10:55:33 2009
4
5  # D Protocol, no Esprit connected
6  # When multiple buttons are depressed, then the exact start and stops are
7  # not "pure" due to the deltas inbetween button depressing.
8
9  # DTE = The SecuriTEST PRO
10 # DCE = The non-connected Esprit
11
12 # FTS capture buffer (4/27/2009 10:39:30 AM)
13 # Event 1 (4/27/2009 10:33:49.191009 AM) through
14 # Event 8,033 (4/27/2009 10:39:05.884412 AM)
15
16 Far
17     1,          1: DTE      1      0.000000  0.000000 00 ff 01 00 80 3b 3b f7 00
18     1,          10: DTE     10      0.099189  0.065863 00 ff 01 00 80 3b 3b f7 00
19     1,          19: DTE     19      0.198356  0.065863 00 ff 01 00 80 3b 3b f7 00
20     1,          28: DTE     28      0.297601  0.065913 00 ff 01 00 80 3b 3b f7 00
21 < over 40 identical command lines deleted here >
22     1,          397: DTE    397      4.364893  0.065861 00 ff 01 00 80 3b 3b f7 00
23     1,          406: DTE    406      4.464110  0.065912 00 ff 01 00 80 3b 3b f7 00
24
25 Stop
26     1,          415: DTE    415      4.573272  0.075829 00 ff 01 00 00 00 00 01 00
27     1,          424: DTE    424      4.803406  0.196849 00 ff 01 00 00 00 00 01 00
28     1,          433: DTE    433      5.033494  0.196806 00 ff 01 00 00 00 00 01 00
29
30 Near
31     1,          442: DTE    442      17.760266  12.693396 00 ff 01 01 00 3b 3b 78 00
32     1,          451: DTE    451      17.859428  0.065858 00 ff 01 01 00 3b 3b 78 00
33 < over 50 identical command lines deleted here >
34     1,          919: DTE    919      23.017973  0.065858 00 ff 01 01 00 3b 3b 78 00
35     1,          928: DTE    928      23.117166  0.065862 00 ff 01 01 00 3b 3b 78 00
36     1,          937: DTE    937      23.216410  0.065912 00 ff 01 01 00 3b 3b 78 00
37     1,          946: DTE    946      23.315578  0.065894 00 ff 01 01 00 3b 3b 78 00
38
39 Stop
40     1,          955: DTE    955      23.424722  0.075813 00 ff 01 00 00 00 00 01 00
41     1,          964: DTE    964      23.654876  0.196854 00 ff 01 00 00 00 00 01 00
42     1,          973: DTE    973      23.885006  0.196802 00 ff 01 00 00 00 00 01 00
43
44 Tele
45     1,          982: DTE    982      35.370714  11.452378 00 ff 01 00 20 3b 3b 97 00
46     1,          991: DTE    991      35.469907  0.065864 00 ff 01 00 20 3b 3b 97 00
47 < over 40 identical command lines deleted here >
48     1,          1369: DTE   1369      39.636418  0.065864 00 ff 01 00 20 3b 3b 97 00
49     1,          1378: DTE   1378      39.735609  0.065861 00 ff 01 00 20 3b 3b 97 00
50     1,          1387: DTE   1387      39.834854  0.065941 00 ff 01 00 20 3b 3b 97 00
51     1,          1396: DTE   1396      39.933852  0.065692 00 ff 01 00 20 3b 3b 97 00
52     1,          1405: DTE   1405      40.033265  0.066080 00 ff 01 00 20 3b 3b 97 00
53
54 Stop
55     1,          1414: DTE   1414      40.142380  0.075809 00 ff 01 00 00 00 00 01 00
56     1,          1423: DTE   1423      40.372512  0.196801 00 ff 01 00 00 00 00 01 00
57     1,          1432: DTE   1432      40.602694  0.196878 00 ff 01 00 00 00 00 01 00
58
59 Wide
60     1,          1441: DTE   1441      53.387907  12.751909 00 ff 01 00 40 3b 3b b7 00
61     1,          1450: DTE   1450      53.487101  0.065865 00 ff 01 00 40 3b 3b b7 00
62 < over 45 identical command lines deleted here >
63     1,          1873: DTE   1873      58.149623  0.065859 00 ff 01 00 40 3b 3b b7 00
64     1,          1882: DTE   1882      58.248870  0.065914 00 ff 01 00 40 3b 3b b7 00
65     1,          1891: DTE   1891      58.348035  0.065860 00 ff 01 00 40 3b 3b b7 00
66
67 Stop
68     1,          1900: DTE   1900      58.457016  0.075648 00 ff 01 00 00 00 00 01 00
69     1,          1909: DTE   1909      58.687309  0.196946 00 ff 01 00 00 00 00 01 00

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70      1,      1918: DTE 1918      58.917466      0.196844 00 ff 01 00 00 00 01 00
71
72 Open
73      1,      1927: DTE 1927      70.419007      11.468212 00 ff 01 02 00 00 03 00
74
75 Stop
76      1,      1936: DTE 1936      75.287888      4.835554 00 ff 01 00 00 00 01 00
77
78 Close
79      1,      1945: DTE 1945      87.954090      12.632900 00 ff 01 04 00 00 05 00
80
81 Stop
82      1,      1954: DTE 1954      92.903336      4.915918 00 ff 01 00 00 00 01 00
83
84 Up
85      1,      1963: DTE 1963     106.329266     13.392602 00 ff 01 00 08 3b 3b 7f 00
86      1,      1972: DTE 1972     106.428622     0.065861 00 ff 01 00 08 3b 3b 7f 00
87 < over 40 identical command lines deleted here >
88      1,      2359: DTE 2359     110.694385     0.065918 00 ff 01 00 08 3b 3b 7f 00
89      1,      2368: DTE 2368     110.793546     0.065861 00 ff 01 00 08 3b 3b 7f 00
90      1,      2377: DTE 2377     110.892745     0.065867 00 ff 01 00 08 3b 3b 7f 00
91      1,      2386: DTE 2386     110.991957     0.066080 00 ff 01 00 08 3b 3b 7f 00
92      1,      2395: DTE 2395     111.091152     0.065863 00 ff 01 00 08 3b 3b 7f 00
93
94 Stop
95      1,      2404: DTE 2404     111.200265     0.075807 00 ff 01 00 00 00 01 00
96      1,      2413: DTE 2413     111.430450     0.196853 00 ff 01 00 00 00 01 00
97      1,      2422: DTE 2422     111.660581     0.196801 00 ff 01 00 00 00 01 00
98
99 Right
100     1,      2431: DTE 2431     123.315923     11.622040 00 ff 01 00 02 3b 3b 79 00
101     1,      2440: DTE 2440     123.415087     0.065862 00 ff 01 00 02 3b 3b 79 00
102 < over 45 identical command lines deleted here >
103     1,      2863: DTE 2863     128.077643     0.065865 00 ff 01 00 02 3b 3b 79 00
104     1,      2872: DTE 2872     128.176858     0.066080 00 ff 01 00 02 3b 3b 79 00
105     1,      2881: DTE 2881     128.276052     0.065859 00 ff 01 00 02 3b 3b 79 00
106
107 Stop
108     1,      2890: DTE 2890     128.385167     0.075811 00 ff 01 00 00 00 01 00
109     1,      2899: DTE 2899     128.615299     0.196803 00 ff 01 00 00 00 01 00
110     1,      2908: DTE 2908     128.845480     0.196879 00 ff 01 00 00 00 01 00
111
112 Down
113     1,      2917: DTE 2917     139.939314     11.060529 00 ff 01 00 10 3b 3b 87 00
114     1,      2926: DTE 2926     140.038476     0.065862 00 ff 01 00 10 3b 3b 87 00
115 < over 40 identical command lines deleted here >
116     1,      3295: DTE 3295     144.105820     0.065860 00 ff 01 00 10 3b 3b 87 00
117     1,      3304: DTE 3304     144.205015     0.065862 00 ff 01 00 10 3b 3b 87 00
118     1,      3313: DTE 3313     144.304234     0.065916 00 ff 01 00 10 3b 3b 87 00
119     1,      3322: DTE 3322     144.403431     0.065865 00 ff 01 00 10 3b 3b 87 00
120     1,      3331: DTE 3331     144.502647     0.065916 00 ff 01 00 10 3b 3b 87 00
121     1,      3340: DTE 3340     144.601674     0.065697 00 ff 01 00 10 3b 3b 87 00
122
123 Stop
124     1,      3349: DTE 3349     144.710951     0.075782 00 ff 01 00 00 00 01 00
125     1,      3358: DTE 3358     144.940998     0.196704 00 ff 01 00 00 00 01 00
126     1,      3367: DTE 3367     145.171267     0.196918 00 ff 01 00 00 00 01 00
127
128 Left
129     1,      3376: DTE 3376     156.210543     11.005972 00 ff 01 00 04 3b 3b 7b 00
130     1,      3385: DTE 3385     156.309756     0.065912 00 ff 01 00 04 3b 3b 7b 00
131 < over 40 identical command lines deleted here >
132     1,      3763: DTE 3763     160.476242     0.065859 00 ff 01 00 04 3b 3b 7b 00
133     1,      3772: DTE 3772     160.575466     0.065908 00 ff 01 00 04 3b 3b 7b 00
134     1,      3781: DTE 3781     160.674656     0.066023 00 ff 01 00 04 3b 3b 7b 00
135     1,      3790: DTE 3790     160.773874     0.065913 00 ff 01 00 04 3b 3b 7b 00
136
137 Stop
138     1,      3799: DTE 3799     160.883014     0.075809 00 ff 01 00 00 00 01 00
139     1,      3808: DTE 3808     161.113146     0.196828 00 ff 01 00 00 00 01 00
140     1,      3817: DTE 3817     161.343304     0.196855 00 ff 01 00 00 00 01 00
141

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142 Right
143 1, 3826: DTE 3826 173.603751 12.227119 00 ff 01 00 02 3b 3b 79 00
144 1, 3835: DTE 3835 173.702966 0.066076 00 ff 01 00 02 3b 3b 79 00
145 1, 3844: DTE 3844 173.802158 0.066028 00 ff 01 00 02 3b 3b 79 00
146 1, 3853: DTE 3853 173.901401 0.065937 00 ff 01 00 02 3b 3b 79 00
147 1, 3862: DTE 3862 174.000570 0.065862 00 ff 01 00 02 3b 3b 79 00
148 1, 3871: DTE 3871 174.099762 0.065861 00 ff 01 00 02 3b 3b 79 00
149 1, 3880: DTE 3880 174.198982 0.065913 00 ff 01 00 0a 3b 3b 81 00
150 1, 3889: DTE 3889 174.298172 0.065858 00 ff 01 00 0a 3b 3b 81 00
151 1, 3898: DTE 3898 174.397392 0.065912 00 ff 01 00 0a 3b 3b 81 00
152 < over 30 identical command lines deleted here >
153 1, 4177: DTE 4177 177.472655 0.065863 00 ff 01 00 0a 3b 3b 81 00
154 1, 4186: DTE 4186 177.571857 0.065871 00 ff 01 00 0a 3b 3b 81 00
155 1, 4195: DTE 4195 177.671095 0.065942 00 ff 01 00 0a 3b 3b 81 00
156 1, 4204: DTE 4204 177.770261 0.065863 00 ff 01 00 0a 3b 3b 81 00
157 1, 4213: DTE 4213 177.869503 0.065915 00 ff 01 00 0a 3b 3b 81 00
158 1, 4222: DTE 4222 177.968671 0.065864 00 ff 01 00 02 3b 3b 79 00
159 1, 4231: DTE 4231 178.067696 0.065695 00 ff 01 00 02 3b 3b 79 00
160 1, 4240: DTE 4240 178.167082 0.065913 00 ff 01 00 02 3b 3b 79 00
161 1, 4249: DTE 4249 178.266274 0.065861 00 ff 01 00 02 3b 3b 79 00
162 1, 4258: DTE 4258 178.365519 0.065913 00 ff 01 00 02 3b 3b 79 00
163
164 Stop
165 1, 4267: DTE 4267 178.474636 0.075811 00 ff 01 00 00 00 00 01 00
166 1, 4276: DTE 4276 178.704768 0.196803 00 ff 01 00 00 00 00 01 00
167 1, 4285: DTE 4285 178.934924 0.196854 00 ff 01 00 00 00 00 01 00
168
169 Right
170 1, 4294: DTE 4294 190.228183 11.259931 00 ff 01 00 02 3b 3b 79 00
171 1, 4303: DTE 4303 190.327344 0.065860 00 ff 01 00 02 3b 3b 79 00
172 1, 4312: DTE 4312 190.426539 0.066028 00 ff 01 00 02 3b 3b 79 00
173 1, 4321: DTE 4321 190.525756 0.065912 00 ff 01 00 02 3b 3b 79 00
174 1, 4330: DTE 4330 190.624953 0.065863 00 ff 01 00 02 3b 3b 79 00
175 Up-Right
176 1, 4339: DTE 4339 190.724195 0.066080 00 ff 01 00 12 3b 3b 89 00
177 1, 4348: DTE 4348 190.823261 0.065761 00 ff 01 00 12 3b 3b 89 00
178 < over 30 identical command lines deleted here >
179 1, 4636: DTE 4636 193.997868 0.065914 00 ff 01 00 12 3b 3b 89 00
180 1, 4645: DTE 4645 194.097035 0.065862 00 ff 01 00 12 3b 3b 89 00
181 1, 4654: DTE 4654 194.196280 0.065915 00 ff 01 00 12 3b 3b 89 00
182 1, 4663: DTE 4663 194.295482 0.065898 00 ff 01 00 12 3b 3b 89 00
183 1, 4672: DTE 4672 194.394638 0.065861 00 ff 01 00 02 3b 3b 79 00
184
185 Stop
186 1, 4681: DTE 4681 194.503780 0.075811 00 ff 01 00 00 00 00 01 00
187 1, 4690: DTE 4690 194.733938 0.196854 00 ff 01 00 00 00 00 01 00
188 1, 4699: DTE 4699 194.964068 0.196779 00 ff 01 00 00 00 00 01 00
189
190 Down
191 1, 4708: DTE 4708 206.305947 11.308575 00 ff 01 00 10 3b 3b 87 00
192 1, 4717: DTE 4717 206.405163 0.065912 00 ff 01 00 10 3b 3b 87 00
193 1, 4726: DTE 4726 206.504357 0.065862 00 ff 01 00 10 3b 3b 87 00
194 1, 4735: DTE 4735 206.603364 0.065702 00 ff 01 00 10 3b 3b 87 00
195 Left-Down
196 1, 4744: DTE 4744 206.702771 0.065916 00 ff 01 00 14 3b 3b 8b 00
197 1, 4753: DTE 4753 206.801961 0.065888 00 ff 01 00 14 3b 3b 8b 00
198 1, 4762: DTE 4762 206.901180 0.065914 00 ff 01 00 14 3b 3b 8b 00
199 1, 4771: DTE 4771 207.000372 0.065861 00 ff 01 00 14 3b 3b 8b 00
200 1, 4780: DTE 4780 207.099538 0.065861 00 ff 01 00 14 3b 3b 8b 00
201 1, 4789: DTE 4789 207.198782 0.065912 00 ff 01 00 14 3b 3b 8b 00
202 1, 4798: DTE 4798 207.297950 0.065861 00 ff 01 00 14 3b 3b 8b 00
203 1, 4807: DTE 4807 207.397197 0.065917 00 ff 01 00 14 3b 3b 8b 00
204 1, 4816: DTE 4816 207.496390 0.065865 00 ff 01 00 14 3b 3b 8b 00
205 Down
206 1, 4825: DTE 4825 207.595556 0.065864 00 ff 01 00 10 3b 3b 87 00
207 1, 4834: DTE 4834 207.694837 0.065951 00 ff 01 00 10 3b 3b 87 00
208 < over 25 identical command lines deleted here >
209 1, 5077: DTE 5077 210.373262 0.065910 00 ff 01 00 10 3b 3b 87 00
210 1, 5086: DTE 5086 210.472457 0.065861 00 ff 01 00 10 3b 3b 87 00
211 1, 5095: DTE 5095 210.571647 0.065887 00 ff 01 00 10 3b 3b 87 00
212 1, 5104: DTE 5104 210.670869 0.065912 00 ff 01 00 10 3b 3b 87 00
213 1, 5113: DTE 5113 210.770060 0.065820 00 ff 01 00 10 3b 3b 87 00

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214      1,      5122: DTE 5122      210.869278      0.065913 00 ff 01 00 10 3b 3b 87 00
215
216 Stop
217      1,      5131: DTE 5131      210.978420      0.075808 00 ff 01 00 00 00 00 01 00
218      1,      5140: DTE 5140      211.208527      0.196802 00 ff 01 00 00 00 00 01 00
219      1,      5149: DTE 5149      211.438710      0.196854 00 ff 01 00 00 00 00 01 00
220
221 Up
222      1,      5158: DTE 5158      223.023608      11.551569 00 ff 01 00 08 3b 3b 7f 00
223      1,      5167: DTE 5167      223.122799      0.065851 00 ff 01 00 08 3b 3b 7f 00
224 < over 35 identical command lines deleted here >
225      1,      5500: DTE 5500      226.793294      0.065913 00 ff 01 00 08 3b 3b 7f 00
226      1,      5509: DTE 5509      226.892496      0.065868 00 ff 01 00 08 3b 3b 7f 00
227      1,      5518: DTE 5518      226.991710      0.065916 00 ff 01 00 08 3b 3b 7f 00
228      1,      5527: DTE 5527      227.090898      0.065858 00 ff 01 00 08 3b 3b 7f 00
229      1,      5536: DTE 5536      227.190091      0.065860 00 ff 01 00 08 3b 3b 7f 00
230      1,      5545: DTE 5545      227.289309      0.065912 00 ff 01 00 08 3b 3b 7f 00
231      1,      5554: DTE 5554      227.388501      0.065858 00 ff 01 00 08 3b 3b 7f 00
232
233 Stop
234      1,      5563: DTE 5563      227.497619      0.075811 00 ff 01 00 00 00 00 01 00
235      1,      5572: DTE 5572      227.727803      0.196851 00 ff 01 00 00 00 00 01 00
236      1,      5581: DTE 5581      227.957932      0.196827 00 ff 01 00 00 00 00 01 00
237
238 Right
239      1,      5590: DTE 5590      241.597313      13.606076 00 ff 01 00 02 3b 3b 79 00
240 Right-Tele
241      1,      5599: DTE 5599      241.695514      0.064871 00 ff 01 00 22 3b 3b 99 00
242      1,      5608: DTE 5608      241.794760      0.066105 00 ff 01 00 22 3b 3b 99 00
243 < over 35 identical command lines deleted here >
244      1,      5941: DTE 5941      245.465253      0.065852 00 ff 01 00 22 3b 3b 99 00
245      1,      5950: DTE 5950      245.564447      0.065860 00 ff 01 00 22 3b 3b 99 00
246      1,      5959: DTE 5959      245.663615      0.065860 00 ff 01 00 22 3b 3b 99 00
247      1,      5968: DTE 5968      245.762862      0.065916 00 ff 01 00 22 3b 3b 99 00
248      1,      5977: DTE 5977      245.861970      0.065807 00 ff 01 00 22 3b 3b 99 00
249      1,      5986: DTE 5986      245.961272      0.065950 00 ff 01 00 22 3b 3b 99 00
250      1,      5995: DTE 5995      246.060438      0.065862 00 ff 01 00 22 3b 3b 99 00
251      1,      6004: DTE 6004      246.159629      0.065860 00 ff 01 00 22 3b 3b 99 00
252      1,      6013: DTE 6013      246.258876      0.065915 00 ff 01 00 22 3b 3b 99 00
253
254 Stop
255      1,      6022: DTE 6022      246.367990      0.075810 00 ff 01 00 00 00 00 01 00
256      1,      6031: DTE 6031      246.598123      0.196802 00 ff 01 00 00 00 00 01 00
257      1,      6040: DTE 6040      246.828280      0.197020 00 ff 01 00 00 00 00 01 00
258
259 Right
260      1,      6049: DTE 6049      258.904221      12.042614 00 ff 01 00 02 3b 3b 79 00
261
262 Stop
263      1,      6058: DTE 6058      258.960754      0.023233 00 ff 01 02 00 00 00 03 00
264
265 Noise
266      1,      6067: DTE 6067      259.003434      0.009375 fe
267
268 Right
269      1,      6068: DTE 6068      259.102633      0.099199 00 ff 01 00 02 3b 3b 79 00
270      1,      6077: DTE 6077      259.201846      0.065913 00 ff 01 00 02 3b 3b 79 00
271 < over 45 identical command lines deleted here >
272      1,      6500: DTE 6500      263.864401      0.065913 00 ff 01 00 02 3b 3b 79 00
273      1,      6509: DTE 6509      263.963569      0.065861 00 ff 01 00 02 3b 3b 79 00
274      1,      6518: DTE 6518      264.062760      0.065860 00 ff 01 00 02 3b 3b 79 00
275      1,      6527: DTE 6527      264.161980      0.065945 00 ff 01 00 02 3b 3b 79 00
276
277 Stop
278      1,      6536: DTE 6536      264.214582      0.019270 00 ff 01 00 00 00 00 01 00
279
280 Right
281      1,      6545: DTE 6545      264.261171      0.013281 00 ff 01 00 02 3b 3b 79 00
282
283 Stop
284      1,      6554: DTE 6554      264.370287      0.075810 00 ff 01 00 00 00 00 01 00
285      1,      6563: DTE 6563      264.600473      0.196854 00 ff 01 00 00 00 00 01 00

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286      1,      6572: DTE 6572 264.830602 0.196801 00 ff 01 00 00 00 01 00
287
288 Open
289      1,      6581: DTE 6581 276.366762 11.502857 00 ff 01 02 00 00 00 03 00
290 Right
291      1,      6590: DTE 6590 276.415499 0.015387 00 ff 01 00 02 3b 3b 79 00
292 Right-Tele
293      1,      6599: DTE 6599 276.514693 0.065887 00 ff 01 00 22 3b 3b 99 00
294      1,      6608: DTE 6608 276.613923 0.065925 00 ff 01 00 22 3b 3b 99 00
295 < over 20 identical command lines deleted here >
296      1,      6806: DTE 6806 278.796398 0.065924 00 ff 01 00 22 3b 3b 99 00
297      1,      6815: DTE 6815 278.895553 0.065862 00 ff 01 00 22 3b 3b 99 00
298      1,      6824: DTE 6824 278.994745 0.065859 00 ff 01 00 22 3b 3b 99 00
299      1,      6833: DTE 6833 279.093990 0.065912 00 ff 01 00 22 3b 3b 99 00
300
301 Stop
302      1,      6842: DTE 6842 279.146568 0.019271 00 ff 01 00 00 00 00 01 00
303
304 Right-Tele
305      1,      6851: DTE 6851 279.193156 0.013282 00 ff 01 00 22 3b 3b 99 00
306      1,      6860: DTE 6860 279.292402 0.065912 00 ff 01 00 22 3b 3b 99 00
307 < over 15 identical command lines deleted here >
308      1,      7013: DTE 7013 280.978809 0.065861 00 ff 01 00 22 3b 3b 99 00
309      1,      7022: DTE 7022 281.078027 0.065912 00 ff 01 00 22 3b 3b 99 00
310 Tele
311      1,      7031: DTE 7031 281.177220 0.065860 00 ff 01 00 20 3b 3b 97 00
312
313 Stop
314      1,      7040: DTE 7040 281.286335 0.075799 00 ff 01 00 00 00 00 01 00
315      1,      7049: DTE 7049 281.516520 0.196854 00 ff 01 00 00 00 00 01 00
316      1,      7058: DTE 7058 281.746650 0.196827 00 ff 01 00 00 00 00 01 00
317
318 Open
319      1,      7067: DTE 7067 293.902957 12.123004 00 ff 01 02 00 00 00 03 00
320 Right
321      1,      7076: DTE 7076 293.950583 0.014323 00 ff 01 00 02 3b 3b 79 00
322 Right-Tele
323      1,      7085: DTE 7085 294.049777 0.065886 00 ff 01 00 22 3b 3b 99 00
324      1,      7094: DTE 7094 294.148996 0.065913 00 ff 01 00 22 3b 3b 99 00
325      1,      7103: DTE 7103 294.248188 0.065860 00 ff 01 00 22 3b 3b 99 00
326      1,      7112: DTE 7112 294.347356 0.065861 00 ff 01 00 22 3b 3b 99 00
327      1,      7121: DTE 7121 294.446600 0.065912 00 ff 01 00 22 3b 3b 99 00
328 Right-Tele_Far
329      1,      7130: DTE 7130 294.545766 0.065860 00 ff 01 00 a2 3b 3b 19 00
330      1,      7139: DTE 7139 294.645016 0.065917 00 ff 01 00 a2 3b 3b 19 00
331 < over 35 identical command lines deleted here >
332      1,      7472: DTE 7472 298.315340 0.065746 00 ff 01 00 a2 3b 3b 19 00
333      1,      7481: DTE 7481 298.414702 0.065862 00 ff 01 00 a2 3b 3b 19 00
334      1,      7490: DTE 7490 298.513892 0.065859 00 ff 01 00 a2 3b 3b 19 00
335      1,      7499: DTE 7499 298.613114 0.065914 00 ff 01 00 a2 3b 3b 19 00
336      1,      7508: DTE 7508 298.712311 0.065867 00 ff 01 00 a2 3b 3b 19 00
337      1,      7517: DTE 7517 298.811363 0.065754 00 ff 01 00 a2 3b 3b 19 00
338
339 Noise
340      1,      7526: DTE 7526 298.850221 0.005366 00 ff
341
342 Right-Tele_far
343      1,      7528: DTE 7528 298.910717 0.056331 00 ff 01 00 a2 3b 3b 19 00
344
345 Stop
346      1,      7537: DTE 7537 299.019833 0.075811 00 ff 01 00 00 00 00 01 00
347      1,      7546: DTE 7546 299.249964 0.196802 00 ff 01 00 00 00 00 01 00
348      1,      7555: DTE 7555 299.480146 0.196852 00 ff 01 00 00 00 00 01 00
349
350 Tele
351      1,      7564: DTE 7564 311.323957 11.810507 00 ff 01 00 20 3b 3b 97 00
352
353 Noise
354      1,      7573: DTE 7573 311.365617 0.008333 f0
355 Right-Tele
356      1,      7574: DTE 7574 311.423143 0.057526 00 ff 01 00 22 3b 3b 99 00
357      1,      7583: DTE 7583 311.522360 0.065910 00 ff 01 00 22 3b 3b 99 00

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358 Right-Tele-Far-Up
359 1, 7592: DTE 7592 311.621556 0.065862 00 ff 01 00 aa 3b 3b 21 00
360 1, 7601: DTE 7601 311.720798 0.065911 00 ff 01 00 aa 3b 3b 21 00
361 1, 7610: DTE 7610 311.819967 0.065862 00 ff 01 00 aa 3b 3b 21 00
362 Right-Tele-Up
363 1, 7619: DTE 7619 311.919158 0.065860 00 ff 01 00 2a 3b 3b a1 00
364 1, 7628: DTE 7628 312.018378 0.065914 00 ff 01 00 2a 3b 3b a1 00
365 1, 7637: DTE 7637 312.117576 0.065866 00 ff 01 00 2a 3b 3b a1 00
366 1, 7646: DTE 7646 312.216815 0.065939 00 ff 01 00 2a 3b 3b a1 00
367 1, 7655: DTE 7655 312.315981 0.065860 00 ff 01 00 2a 3b 3b a1 00
368 Right-Tele-Far-Up
369 1, 7664: DTE 7664 312.416164 0.066850 00 ff 01 00 aa 3b 3b 21 00
370 1, 7673: DTE 7673 312.515383 0.065912 00 ff 01 00 aa 3b 3b 21 00
371 < over 30 identical command lines deleted here >
372 1, 7961: DTE 7961 315.689890 0.065912 00 ff 01 00 aa 3b 3b 21 00
373 1, 7970: DTE 7970 315.789058 0.065862 00 ff 01 00 aa 3b 3b 21 00
374 1, 7979: DTE 7979 315.888305 0.065917 00 ff 01 00 aa 3b 3b 21 00
375 1, 7988: DTE 7988 315.987471 0.065864 00 ff 01 00 aa 3b 3b 21 00
376
377 Noise
378 1, 7997: DTE 7997 316.030123 0.009417 fe
379
380 Tele-Far
381 1, 7998: DTE 7998 316.090681 0.060558 00 ff 01 00 a0 3b 3b 17 00
382
383 Stop
384 1, 8007: DTE 8007 316.199736 0.075733 00 ff 01 00 00 00 00 01 00
385 1, 8016: DTE 8016 316.429918 0.196853 00 ff 01 00 00 00 00 01 00
386 1, 8025: DTE 8025 316.660101 0.196853 00 ff 01 00 00 00 00 01 00
387
388 # There were a total of 8033 bytes transferred
389
390 # There were a total of 0 DCE bytes transferred
391 # The first DCE byte came in at 0.000000 seconds from the start of data collection
392 # The last DCE byte was at 0.000000 seconds from the start of data collection
393
394 # There were a total of 8033 DTE bytes transferred
395 # The first DTE byte came in at 0.000000 seconds from the start of data collection
396 # The last DTE byte was at 316.693403 seconds from the start of data collection
397

```

2 VCLTP Protocol

```

1  # $ Header: d:/Binder0/RCS/MsQ1.v 1.1 2008-09-12 14:26:31-07 Hamilton Exp Hamilton $
2  # $Header: d:/Binder7/SecuriTEST/RCS/09APR27N.cln,v 1.3 2009-05-01 13:08:10-07 Hamilton Exp Hamilton $
3  # Mon Apr 27 14:48:52 2009
4
5  # VCLTP
6
7  # FTS capture buffer (4/27/2009 12:31:25 PM)
8  # Event 1 (4/27/2009 12:27:24.603066 PM) through
9  # Event 194 (4/27/2009 12:30:59.819482 PM)
10
11
12  Far
13      1,          1: DTE      1      0.000000  0.000000 00 82 3d 00 00
14
15  Far Stop
16      1,          6: DTE      6      3.977971  3.959667 00 82 2d 00 00
17
18  Near
19      1,          11: DTE     11     13.470681  9.474381 00 82 3c 00 00
20
21  Near Stop
22      1,          16: DTE     16     20.424772  6.935789 00 82 2c 00 00
23
24  Tele
25      1,          21: DTE     21     29.719046  9.275946 00 82 3a 00 00
26
27  Tele Stop
28      1,          26: DTE     26     35.482718  5.745344 00 82 2a 00 00
29
30  Wide
31      1,          31: DTE     31     45.730353  10.229306 00 82 3b 00 00
32
33  Wide Stop
34      1,          36: DTE     36     51.494026  5.745347 00 82 2b 00 00
35
36  Open
37      1,          41: DTE     41     61.577959  10.065768 00 82 3e 00 00
38
39  Open Stop
40      1,          46: DTE     46     65.283169  3.686906 00 82 2e 00 00
41
42  Close
43      1,          51: DTE     51     75.157809  9.856310 00 82 3f 00 00
44
45  Close Stop
46      1,          56: DTE     56     78.505882  3.329744 00 82 2f 00 00
47
48  Up
49      1,          61: DTE     61     88.029298  9.505088 00 82 55 08 00
50
51  Up Stop
52      1,          66: DTE     66     91.411147  3.363522 00 82 75 00 00
53
54  Right
55      1,          71: DTE     71    102.144849  10.715375 00 82 52 08 00
56
57  Right Stop
58      1,          76: DTE     76    105.527636  3.364487 00 82 72 00 00
59
60  Right
61      1,          81: DTE     81    120.729436  15.183540 00 82 52 08 00
62
63  Right Stop
64      1,          86: DTE     86    124.707487  3.959729 00 82 72 00 00
65
66  Down
67      1,          91: DTE     91    135.019571  10.293755 00 82 4e 08 00
68
69  Down Stop

```

```

70      1,      96: DTE   96   138.600771   3.562896 00 82 6e 00 00
71
72 Left
73      1,     101: DTE  101   148.054785   9.435685 00 82 4c 08 00
74
75 Left Stop
76      1,     106: DTE  106   151.735230   3.662115 00 82 6c 00 00
77
78
79 Up-Right
80      1,     111: DTE  111   163.416328  11.662769 00 82 55 08 00
81      1,     116: DTE  116   163.515517   0.080861 00 82 52 08 00
82
83 Up-Right stop
84      1,     121: DTE  121   167.691979   4.158155 00 82 75 00 00
85
86 Noise
87      1,     126: DTE  126   167.714865   0.004583 00
88      1,     127: DTE  127   167.719449   0.004584 ff
89
90 Right-Down
91      1,     128: DTE  128   177.332477   9.613028 00 82 4e 08 00
92      1,     133: DTE  133   177.431668   0.080861 00 82 52 08 00
93
94 Right-Down Stop
95      1,     138: DTE  138   182.104069   4.654096 00 82 6e 00 00
96
97 Noise
98      1,     143: DTE  143   182.126980   0.004585 00
99      1,     144: DTE  144   182.131563   0.004583 ff
100
101 Down-Left
102      1,     145: DTE  145   195.448838  13.317275 00 82 4e 08 00
103      1,     150: DTE  150   195.746278   0.279138 00 82 4c 08 00
104      1,     155: DTE  155   197.631286   1.866541 00 82 6c 00 00
105      1,     160: DTE  160   197.730312   0.080699 00 82 4c 08 00
106
107 Down-Left Stop
108      1,     165: DTE  165   199.119334   1.370527 00 82 6c 00 00
109      1,     170: DTE  170   199.327640   0.189979 00 82 6e 00 00
110
111 Left-Up
112      1,     175: DTE  175   210.823244  11.477276 00 82 4c 08 00
113      1,     180: DTE  180   210.922460   0.080913 00 82 55 08 00
114
115 Left-Up stop
116      1,     185: DTE  185   215.088974   4.148184 00 82 6c 00 00
117      1,     190: DTE  190   215.198111   0.090809 00 82 75 00 00
118
119 # There were a total of      194 bytes transferred
120
121 # There were a total of          0 DCE bytes transferred
122 # The first DCE byte came in at 0.000000 seconds from the start of data collection
123 # The last DCE byte was at 0.000000 seconds from the start of data collection
124
125 # There were a total of      194 DTE bytes transferred
126 # The first DTE byte came in at 0.000000 seconds from the start of data collection
127 # The last DTE byte was at 215.216416 seconds from the start of data collection
128

```

3 Pelco P Protocol

```

1  # $ Header: d:/Binder0/RCS/MsQ.l,v 1.1 2008-09-12 14:26:31-07 Hamilton Exp Hamilton $
2  # $Header: d:/Binder7/SecuriTEST/RCS/09APR270.cln,v 1.2 2009-05-01 13:08:10-07 Hamilton Exp Hamilton $
3  # Mon Apr 27 14:48:56 2009
4
5  # P Protocol
6
7  # FTS capture buffer (4/27/2009 12:37:39 PM)
8  # Event 1 (4/27/2009 12:34:24.069254 PM) through
9  # Event 4,800 (4/27/2009 12:37:22.731022 PM)
10
11
12  Far
13      1,          1: DTE      1      0.000000  0.000000 00 a0 01 01 00 00 00 af 0f 00
14      1,          11: DTE     11      0.099217  0.061810 00 a0 01 01 00 00 00 af 0f 00
15      1,          21: DTE     21      0.198408  0.061695 00 a0 01 01 00 00 00 af 0f 00
16  < 25 identical lines were deleted here >
17      1,          281: DTE    281      2.777654  0.061696 00 a0 01 01 00 00 00 af 0f 00
18      1,          291: DTE    291      2.876872  0.061737 00 a0 01 01 00 00 00 af 0f 00
19      1,          301: DTE    301      2.976067  0.061697 00 a0 01 01 00 00 00 af 0f 00
20      1,          311: DTE    311      3.075312  0.061940 00 a0 01 01 00 00 00 af 0f 00
21      1,          321: DTE    321      3.174477  0.061694 00 a0 01 01 00 00 00 af 0f 00
22
23  Stop
24      1,          331: DTE    331      3.283617  0.071642 00 a0 01 00 00 00 00 af 0e 00
25      1,          341: DTE    341      3.517735  0.196645 00 a0 01 00 00 00 00 af 0e 00
26      1,          351: DTE    351      3.751824  0.196594 00 a0 01 00 00 00 00 af 0e 00
27
28  Near
29      1,          361: DTE    361      11.676148  7.886854 00 a0 01 02 00 00 00 af 0c 00
30      1,          371: DTE    371      11.774348  0.060703 00 a0 01 02 00 00 00 af 0c 00
31      1,          381: DTE    381      11.873568  0.061739 00 a0 01 02 00 00 00 af 0c 00
32  < 40 identical lines were deleted here >
33      1,          791: DTE    791      15.940863  0.061697 00 a0 01 02 00 00 00 af 0c 00
34      1,          801: DTE    801      16.039916  0.061583 00 a0 01 02 00 00 00 af 0c 00
35      1,          811: DTE    811      16.139272  0.061694 00 a0 01 02 00 00 00 af 0c 00
36      1,          821: DTE    821      16.238466  0.061721 00 a0 01 02 00 00 00 af 0c 00
37
38  Stop
39      1,          831: DTE    831      16.347580  0.071641 00 a0 01 00 00 00 00 af 0e 00
40      1,          841: DTE    841      16.581722  0.196836 00 a0 01 00 00 00 00 af 0e 00
41      1,          851: DTE    851      16.815670  0.196476 00 a0 01 00 00 00 00 af 0e 00
42
43  Tele
44      1,          861: DTE    861      25.782767  8.929433 00 a0 01 00 20 00 00 af 2e 00
45      1,          871: DTE    871      25.881983  0.061745 00 a0 01 00 20 00 00 af 2e 00
46      1,          881: DTE    881      25.981175  0.061691 00 a0 01 00 20 00 00 af 2e 00
47  < 25 identical lines were deleted here >
48      1,          1141: DTE   1141      28.560423  0.061696 00 a0 01 00 20 00 00 af 2e 00
49      1,          1151: DTE   1151      28.659639  0.061745 00 a0 01 00 20 00 00 af 2e 00
50      1,          1161: DTE   1161      28.758832  0.061692 00 a0 01 00 20 00 00 af 2e 00
51      1,          1171: DTE   1171      28.858053  0.061747 00 a0 01 00 20 00 00 af 2e 00
52
53  Stop
54      1,          1181: DTE   1181      28.967196  0.071644 00 a0 01 00 00 00 00 af 0e 00
55      1,          1191: DTE   1191      29.201284  0.196619 00 a0 01 00 00 00 00 af 0e 00
56      1,          1201: DTE   1201      29.435399  0.196646 00 a0 01 00 00 00 00 af 0e 00
57
58  Wide
59      1,          1211: DTE   1211      39.686001  10.213105 00 a0 01 00 40 00 00 af 4e 00
60      1,          1221: DTE   1221      39.785246  0.061749 00 a0 01 00 40 00 00 af 4e 00
61      1,          1231: DTE   1231      39.884411  0.061696 00 a0 01 00 40 00 00 af 4e 00
62  < 30 identical lines were deleted here >
63      1,          1541: DTE   1541      42.959722  0.061745 00 a0 01 00 40 00 00 af 4e 00
64      1,          1551: DTE   1551      43.058916  0.061693 00 a0 01 00 40 00 00 af 4e 00
65      1,          1561: DTE   1561      43.158082  0.061694 00 a0 01 00 40 00 00 af 4e 00
66      1,          1571: DTE   1571      43.257326  0.061746 00 a0 01 00 40 00 00 af 4e 00
67      1,          1581: DTE   1581      43.356494  0.061694 00 a0 01 00 40 00 00 af 4e 00
68      1,          1591: DTE   1591      43.455739  0.061746 00 a0 01 00 40 00 00 af 4e 00
69

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70 Stop
71 1, 1601: DTE 1601 43.565845 0.072635 00 a0 01 00 00 00 00 af 0e 00
72 1, 1611: DTE 1611 43.799934 0.196593 00 a0 01 00 00 00 00 af 0e 00
73 1, 1621: DTE 1621 44.034073 0.196670 00 a0 01 00 00 00 00 af 0e 00
74
75 Open
76 1, 1631: DTE 1631 53.033739 8.962360 00 a0 01 04 00 00 00 af 0a 00
77
78 Stop
79 1, 1641: DTE 1641 55.248951 2.177740 00 a0 01 00 00 00 00 af 0e 00
80
81 Open
82 1, 1651: DTE 1651 56.195304 0.908885 00 a0 01 04 00 00 00 af 0a 00
83
84 Stop
85 1, 1661: DTE 1661 56.466138 0.233338 00 a0 01 00 00 00 00 af 0e 00
86
87 Close
88 1, 1671: DTE 1671 66.478666 9.975034 00 a0 01 08 00 00 00 af 06 00
89
90 Stop
91 1, 1681: DTE 1681 69.447808 2.931673 00 a0 01 00 00 00 00 af 0e 00
92
93 Up
94 1, 1691: DTE 1691 80.458332 10.973055 00 a0 01 00 08 00 3b af 3d 00
95 1, 1701: DTE 1701 80.557496 0.061694 00 a0 01 00 08 00 3b af 3d 00
96 1, 1711: DTE 1711 80.656690 0.061695 00 a0 01 00 08 00 3b af 3d 00
97 < 35 identical lines were deleted here >
98 1, 2071: DTE 2071 84.228019 0.061747 00 a0 01 00 08 00 3b af 3d 00
99 1, 2081: DTE 2081 84.327183 0.061692 00 a0 01 00 08 00 3b af 3d 00
100
101 Stop
102 1, 2091: DTE 2091 84.436327 0.071643 00 a0 01 00 00 00 00 af 0e 00
103 1, 2101: DTE 2101 84.670444 0.196646 00 a0 01 00 00 00 00 af 0e 00
104 1, 2111: DTE 2111 84.904583 0.196645 00 a0 01 00 00 00 00 af 0e 00
105
106 Right
107 1, 2121: DTE 2121 94.768285 9.826207 00 a0 01 00 02 3b 00 af 37 00
108 1, 2131: DTE 2131 94.867484 0.061701 00 a0 01 00 02 3b 00 af 37 00
109 1, 2141: DTE 2141 94.966720 0.061747 00 a0 01 00 02 3b 00 af 37 00
110 < 25 identical lines were deleted here >
111 1, 2401: DTE 2401 97.545965 0.061694 00 a0 01 00 02 3b 00 af 37 00
112 1, 2411: DTE 2411 97.645131 0.061694 00 a0 01 00 02 3b 00 af 37 00
113 1, 2421: DTE 2421 97.744379 0.061748 00 a0 01 00 02 3b 00 af 37 00
114 1, 2431: DTE 2431 97.843543 0.061784 00 a0 01 00 02 3b 00 af 37 00
115
116 Stop
117 1, 2441: DTE 2441 97.952685 0.071645 00 a0 01 00 00 00 00 af 0e 00
118 1, 2451: DTE 2451 98.186801 0.196644 00 a0 01 00 00 00 00 af 0e 00
119 1, 2461: DTE 2461 98.420940 0.196642 00 a0 01 00 00 00 00 af 0e 00
120
121 Down
122 1, 2471: DTE 2471 107.941388 9.482951 00 a0 01 00 10 00 3b af 25 00
123 1, 2481: DTE 2481 108.040632 0.061749 00 a0 01 00 10 00 3b af 25 00
124 1, 2491: DTE 2491 108.139822 0.061692 00 a0 01 00 10 00 3b af 25 00
125 < 25 identical lines were deleted here >
126 1, 2751: DTE 2751 110.719070 0.061697 00 a0 01 00 10 00 3b af 25 00
127 1, 2761: DTE 2761 110.818286 0.061746 00 a0 01 00 10 00 3b af 25 00
128 1, 2771: DTE 2771 110.917479 0.061693 00 a0 01 00 10 00 3b af 25 00
129 1, 2781: DTE 2781 111.016698 0.061745 00 a0 01 00 10 00 3b af 25 00
130 1, 2791: DTE 2791 111.115890 0.061693 00 a0 01 00 10 00 3b af 25 00
131 1, 2801: DTE 2801 111.215088 0.061726 00 a0 01 00 10 00 3b af 25 00
132 1, 2811: DTE 2811 111.314303 0.061747 00 a0 01 00 10 00 3b af 25 00
133
134 Stop
135 1, 2821: DTE 2821 111.423442 0.071639 00 a0 01 00 00 00 00 af 0e 00
136 1, 2831: DTE 2831 111.657562 0.196647 00 a0 01 00 00 00 00 af 0e 00
137 1, 2841: DTE 2841 111.891651 0.196594 00 a0 01 00 00 00 00 af 0e 00
138
139 Left
140 1, 2851: DTE 2851 122.345663 10.416544 00 a0 01 00 04 3b 00 af 31 00
141 1, 2861: DTE 2861 122.444826 0.061693 00 a0 01 00 04 3b 00 af 31 00

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142      1,      2871: DTE 2871 122.544023 0.061696 00 a0 01 00 04 3b 00 af 31 00
143 < 25 identical lines were deleted here >
144      1,      3131: DTE 3131 125.123318 0.061914 00 a0 01 00 04 3b 00 af 31 00
145      1,      3141: DTE 3141 125.222512 0.061722 00 a0 01 00 04 3b 00 af 31 00
146      1,      3151: DTE 3151 125.321729 0.061746 00 a0 01 00 04 3b 00 af 31 00
147      1,      3161: DTE 3161 125.420919 0.061692 00 a0 01 00 04 3b 00 af 31 00
148      1,      3171: DTE 3171 125.520090 0.061695 00 a0 01 00 04 3b 00 af 31 00
149
150 Stop
151      1,      3181: DTE 3181 125.629229 0.071642 00 a0 01 00 00 00 00 af 0e 00
152      1,      3191: DTE 3191 125.863347 0.196646 00 a0 01 00 00 00 00 af 0e 00
153      1,      3201: DTE 3201 126.097488 0.196647 00 a0 01 00 00 00 00 af 0e 00
154
155 Right
156      1,      3211: DTE 3211 136.204235 10.069277 00 a0 01 00 02 3b 00 af 37 00
157 Right-Up
158      1,      3221: DTE 3221 136.304467 0.062763 00 a0 01 00 0a 3b 3b af 04 00
159      1,      3231: DTE 3231 136.403633 0.061695 00 a0 01 00 0a 3b 3b af 04 00
160      1,      3241: DTE 3241 136.502827 0.061695 00 a0 01 00 0a 3b 3b af 04 00
161 < 25 identical lines were deleted here >
162      1,      3501: DTE 3501 139.082123 0.061693 00 a0 01 00 0a 3b 3b af 04 00
163      1,      3511: DTE 3511 139.181296 0.061700 00 a0 01 00 0a 3b 3b af 04 00
164      1,      3521: DTE 3521 139.280539 0.061916 00 a0 01 00 0a 3b 3b af 04 00
165      1,      3531: DTE 3531 139.379704 0.061696 00 a0 01 00 0a 3b 3b af 04 00
166      1,      3541: DTE 3541 139.478945 0.061745 00 a0 01 00 0a 3b 3b af 04 00
167      1,      3551: DTE 3551 139.578140 0.061721 00 a0 01 00 0a 3b 3b af 04 00
168
169 Stop
170      1,      3561: DTE 3561 139.687254 0.071644 00 a0 01 00 00 00 00 af 0e 00
171      1,      3571: DTE 3571 139.921396 0.196669 00 a0 01 00 00 00 00 af 0e 00
172      1,      3581: DTE 3581 140.155460 0.196594 00 a0 01 00 00 00 00 af 0e 00
173
174 Right
175      1,      3591: DTE 3591 150.449761 10.256737 00 a0 01 00 02 3b 00 af 37 00
176      1,      3601: DTE 3601 150.548926 0.061696 00 a0 01 00 02 3b 00 af 37 00
177 Right-Down
178      1,      3611: DTE 3611 150.648169 0.061748 00 a0 01 00 12 3b 3b af 1c 00
179      1,      3621: DTE 3621 150.747335 0.061694 00 a0 01 00 12 3b 3b af 1c 00
180      1,      3631: DTE 3631 150.846579 0.061746 00 a0 01 00 12 3b 3b af 1c 00
181 < 25 identical lines were deleted here >
182      1,      3891: DTE 3891 153.425826 0.061694 00 a0 01 00 12 3b 3b af 1c 00
183      1,      3901: DTE 3901 153.525019 0.061720 00 a0 01 00 12 3b 3b af 1c 00
184      1,      3911: DTE 3911 153.624238 0.061747 00 a0 01 00 12 3b 3b af 1c 00
185      1,      3921: DTE 3921 153.723431 0.061697 00 a0 01 00 12 3b 3b af 1c 00
186      1,      3931: DTE 3931 153.822649 0.061748 00 a0 01 00 12 3b 3b af 1c 00
187 Right
188      1,      3941: DTE 3941 153.921842 0.061695 00 a0 01 00 02 3b 00 af 37 00
189
190 Stop
191      1,      3951: DTE 3951 154.030957 0.071643 00 a0 01 00 00 00 00 af 0e 00
192      1,      3961: DTE 3961 154.265100 0.196645 00 a0 01 00 00 00 00 af 0e 00
193      1,      3971: DTE 3971 154.499188 0.196621 00 a0 01 00 00 00 00 af 0e 00
194
195 Down
196      1,      3981: DTE 3981 163.215977 8.679319 00 a0 01 00 10 00 3b af 25 00
197      1,      3991: DTE 3991 163.315361 0.061913 00 a0 01 00 10 00 3b af 25 00
198 Left-Down
199      1,      4001: DTE 4001 163.414553 0.061695 00 a0 01 00 14 3b 3b af 1a 00
200      1,      4011: DTE 4011 163.513717 0.061692 00 a0 01 00 14 3b 3b af 1a 00
201      1,      4021: DTE 4021 163.612966 0.061749 00 a0 01 00 14 3b 3b af 1a 00
202 < 30 identical lines were deleted here >
203      1,      4331: DTE 4331 166.688224 0.061694 00 a0 01 00 14 3b 3b af 1a 00
204      1,      4341: DTE 4341 166.787442 0.061744 00 a0 01 00 14 3b 3b af 1a 00
205      1,      4351: DTE 4351 166.886636 0.061692 00 a0 01 00 14 3b 3b af 1a 00
206      1,      4361: DTE 4361 166.985827 0.061715 00 a0 01 00 14 3b 3b af 1a 00
207
208 Stop
209      1,      4371: DTE 4371 167.094944 0.071641 00 a0 01 00 00 00 00 af 0e 00
210      1,      4381: DTE 4381 167.329088 0.196671 00 a0 01 00 00 00 00 af 0e 00
211      1,      4391: DTE 4391 167.563203 0.196645 00 a0 01 00 00 00 00 af 0e 00
212
213 Left

```

```

214      1,      4401: DTE  4401   174.474637   6.873940 00 a0 01 00 04 3b 00 af 31 00
215 Left-Up
216      1,      4411: DTE  4411   174.574869   0.062767 00 a0 01 00 0c 3b 3b af 02 00
217      1,      4421: DTE  4421   174.674036   0.061789 00 a0 01 00 0c 3b 3b af 02 00
218      1,      4431: DTE  4431   174.773113   0.061580 00 a0 01 00 0c 3b 3b af 02 00
219 < 25 identical lines were deleted here >
220      1,      4691: DTE  4691   177.352526   0.061695 00 a0 01 00 0c 3b 3b af 02 00
221      1,      4701: DTE  4701   177.451694   0.061696 00 a0 01 00 0c 3b 3b af 02 00
222      1,      4711: DTE  4711   177.550937   0.061747 00 a0 01 00 0c 3b 3b af 02 00
223      1,      4721: DTE  4721   177.650130   0.061722 00 a0 01 00 0c 3b 3b af 02 00
224      1,      4731: DTE  4731   177.749347   0.061745 00 a0 01 00 0c 3b 3b af 02 00
225      1,      4741: DTE  4741   177.848543   0.061733 00 a0 01 00 0c 3b 3b af 02 00
226      1,      4751: DTE  4751   177.947707   0.061694 00 a0 01 00 0c 3b 3b af 02 00
227      1,      4761: DTE  4761   178.046952   0.061744 00 a0 01 00 0c 3b 3b af 02 00
228
229 Stop
230      1,      4771: DTE  4771   178.156067   0.071643 00 a0 01 00 00 00 00 af 0e 00
231      1,      4781: DTE  4781   178.390158   0.196592 00 a0 01 00 00 00 00 af 0e 00
232      1,      4791: DTE  4791   178.624299   0.196662 00 a0 01 00 00 00 00 af 0e 00
233
234 # There were a total of      4800 bytes transferred
235
236 # There were a total of          0 DCE bytes transferred
237 # The first DCE byte came in at 0.000000 seconds from the start of data collection
238 # The last DCE byte was at 0.000000 seconds from the start of data collection
239
240 # There were a total of      4800 DTE bytes transferred
241 # The first DTE byte came in at 0.000000 seconds from the start of data collection
242 # The last DTE byte was at 178.661768 seconds from the start of data collection
243

```

4 Kalatel Sscii (KTD-312) Protocol

```

1 # $ Header: d:/Binder0/RCS/MsQ.1,v 1.1 2008-09-12 14:26:31-07 Hamilton Exp Hamilton $
2 # $Header: d:/Binder7/SecuriTEST/RCS/09APR27P.cln,v 1.2 2009-05-01 13:08:10-07 Hamilton Exp Hamilton $
3 # Mon Apr 27 14:48:58 2009
4
5 # KTL-ASC: Kalatel ASCII (KTD-312)
6
7 # FTS capture buffer (4/27/2009 12:42:37 PM)
8 # Event 1 (4/27/2009 12:38:24.224984 PM) through
9 # Event 5,513 (4/27/2009 12:41:59.996046 PM)
10
11
12 Initial command sequence
13 1, 1: DTE 1 0.000000 0.000000 32 39 75 30 30 32 7e
14 1, 8: DTE 8 0.030785 0.005788 32 39 ff 9f 53 a7 9f 53 a7 9f 14 a6 bf 6e 30 ff bf 30 39 ff 1f 53
a7 f6 46 30 30 32 7e
15
16 Far
17
18 1, 37: DTE 37 0.355178 0.042838 46 30 30 32 7e
19 1, 42: DTE 42 0.414684 0.043006 46 30 30 32 7e
20 1, 47: DTE 47 0.474194 0.042835 46 30 30 32 7e
21 < 40 identical lines deleted here >
22 1, 252: DTE 252 2.914581 0.043006 46 30 30 32 7e
23 1, 257: DTE 257 2.974111 0.042865 46 30 30 32 7e
24 1, 262: DTE 262 3.033670 0.042919 46 30 30 32 7e
25
26 Stop?
27 1, 267: DTE 267 3.100101 0.049793 30 30 30 30 30 30 30 30 31 32 33 33 36 7e
28
29 Near
30
31 1, 282: DTE 282 14.514379 11.355971 4e 30 30 32 7e
32 1, 287: DTE 287 14.573883 0.042843 4e 30 30 32 7e
33 1, 292: DTE 292 14.633387 0.042842 4e 30 30 32 7e
34 < 45 identical lines deleted here >
35 1, 522: DTE 522 17.371379 0.042837 4e 30 30 32 7e
36 1, 527: DTE 527 17.430940 0.042894 4e 30 30 32 7e
37 1, 532: DTE 532 17.490443 0.042838 4e 30 30 32 7e
38 1, 537: DTE 537 17.549975 0.042866 4e 30 30 32 7e
39 1, 542: DTE 542 17.609481 0.042867 4e 30 30 32 7e
40 1, 547: DTE 547 17.669037 0.042919 4e 30 30 32 7e
41
42 Stop
43
44 1, 552: DTE 552 17.728544 0.042841 6e 30 30 32 7e
45
46 Tele
47
48 1, 557: DTE 557 30.385815 12.640607 30 39 49 30 30 32 7e
49 1, 564: DTE 564 30.444327 0.033542 30 39 49 30 30 32 7e
50 1, 571: DTE 571 30.503882 0.034582 30 39 49 30 30 32 7e
51 < 50 identical lines deleted here >
52 1, 928: DTE 928 33.539292 0.034341 30 39 49 30 30 32 7e
53 1, 935: DTE 935 33.598975 0.034576 30 39 49 30 30 32 7e
54 1, 942: DTE 942 33.658494 0.034530 30 39 49 30 30 32 7e
55 1, 949: DTE 949 33.718051 0.034583 30 39 49 30 30 32 7e
56
57 Stop
58 1, 956: DTE 956 33.777555 0.034530 30 39 69 30 30 32 7e
59
60 1, 963: DTE 963 45.660064 11.857509 30 39 4f 30 30 32 7e
61 1, 970: DTE 970 45.720554 0.035521 30 39 4f 30 30 32 7e
62 1, 977: DTE 977 45.780059 0.034532 30 39 4f 30 30 32 7e
63 < 50 identical lines deleted here >
64 1, 1334: DTE 1334 48.815684 0.034513 30 39 4f 30 30 32 7e
65 1, 1341: DTE 1341 48.875192 0.034507 30 39 4f 30 30 32 7e
66 1, 1348: DTE 1348 48.934561 0.034371 30 39 4f 30 30 32 7e
67 1, 1355: DTE 1355 48.994227 0.034532 30 39 4f 30 30 32 7e
68

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69 Stop
70 1, 1362: DTE 1362 49.053784 0.034583 30 39 6f 30 30 32 7e
71
72 Wide
73 1, 1369: DTE 1369 86.247835 37.169052 32 39 55 30 30 32 7e
74 1, 1376: DTE 1376 86.308324 0.035520 32 39 55 30 30 32 7e
75 1, 1383: DTE 1383 86.367882 0.034581 32 39 55 30 30 32 7e
76 < 55 identical lines deleted here >
77 1, 1775: DTE 1775 89.701061 0.034504 32 39 55 30 30 32 7e
78 1, 1782: DTE 1782 89.760565 0.034505 32 39 55 30 30 32 7e
79 1, 1789: DTE 1789 89.820181 0.034618 32 39 55 30 30 32 7e
80 1, 1796: DTE 1796 89.879654 0.034532 32 39 55 30 30 32 7e
81
82 Stop
83 1, 1803: DTE 1803 89.939161 0.034533 30 30 75 30 30 32 7e
84
85 Open
86 1, 1810: DTE 1810 99.733410 9.769277 32 39 52 30 30 32 7e
87 1, 1817: DTE 1817 99.791999 0.033593 32 39 52 30 30 32 7e
88 1, 1824: DTE 1824 99.851506 0.034527 32 39 52 30 30 32 7e
89 < 50 identical lines deleted here >
90 1, 2181: DTE 2181 102.887079 0.034505 32 39 52 30 30 32 7e
91 1, 2188: DTE 2188 102.946587 0.034509 32 39 52 30 30 32 7e
92
93 Stop
94 1, 2195: DTE 2195 103.010929 0.039344 30 30 72 30 30 32 7e
95
96 Close
97 1, 2202: DTE 2202 112.949222 9.913133 32 39 44 30 30 32 7e
98 1, 2209: DTE 2209 113.007733 0.033515 32 39 44 30 30 32 7e
99 1, 2216: DTE 2216 113.067295 0.034727 32 39 44 30 30 32 7e
100 < 55 identical lines deleted here >
101 1, 2608: DTE 2608 116.400468 0.034504 32 39 44 30 30 32 7e
102 1, 2615: DTE 2615 116.460001 0.034534 32 39 44 30 30 32 7e
103 1, 2622: DTE 2622 116.519558 0.034584 32 39 44 30 30 32 7e
104
105 Stop
106 1, 2629: DTE 2629 116.579063 0.034532 30 30 64 30 30 32 7e
107
108 Up
109 1, 2636: DTE 2636 126.675920 10.071884 32 39 4c 30 30 32 7e
110 1, 2643: DTE 2643 126.736409 0.035494 32 39 4c 30 30 32 7e
111 1, 2650: DTE 2650 126.795915 0.034506 32 39 4c 30 30 32 7e
112 < 55 identical lines deleted here >
113 1, 3042: DTE 3042 130.129170 0.034582 32 39 4c 30 30 32 7e
114 1, 3049: DTE 3049 130.188677 0.034531 32 39 4c 30 30 32 7e
115 1, 3056: DTE 3056 130.248074 0.034423 32 39 4c 30 30 32 7e
116 1, 3063: DTE 3063 130.307687 0.034505 32 39 4c 30 30 32 7e
117
118 Stop
119 1, 3070: DTE 3070 130.367245 0.034558 30 30 6c 30 30 32 7e
120
121 Down
122 1, 3077: DTE 3077 142.453112 12.060926 32 39 52 30 30 32 7e
123 1, 3084: DTE 3084 142.511622 0.033510 32 39 52 30 30 32 7e
124
125 1, 3091: DTE 3091 142.571129 0.034506 32 39 55 30 30 32 7e
126
127 Up-Right
128 < At this approximate point the data capture software indicated parity errors on the data >
129 1, 3098: DTE 3098 142.601908 0.005781 32
130 1, 3099: DTE 3099 142.605909 0.004001 39
131 1, 3100: DTE 3100 142.610242 0.004333 ff
132 < Start of repeated block >
133 1, 3101: DTE 3101 142.630217 0.019975 ff
134 1, 3102: DTE 3102 142.634643 0.004426 32
135 1, 3103: DTE 3103 142.638809 0.004166 39
136 1, 3104: DTE 3104 142.662984 0.024175 9f 53 a7
137 1, 3107: DTE 3107 142.693689 0.022795 9f 53 a7
138 1, 3110: DTE 3110 142.724469 0.022867 9f 53 a7
139 1, 3113: DTE 3113 142.755249 0.022869 9f 53 a7
140 1, 3116: DTE 3116 142.785963 0.022792 9f 53 a7

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141      1,      3119: DTE 3119 142.816734 0.022873 9f 53 a7
142      1,      3122: DTE 3122 142.847490 0.022840 9f 53 a7
143      1,      3125: DTE 3125 142.878222 0.022824 9f 53 a7
144      1,      3128: DTE 3128 142.908973 0.022827 9f 53 a7
145      1,      3131: DTE 3131 142.939753 0.022870 9f 53 a7
146      1,      3134: DTE 3134 142.970462 0.022791 9f 53 a7
147      1,      3137: DTE 3137 143.001072 0.022702 9f 53 a7
148      1,      3140: DTE 3140 143.032021 0.022865 9f 53 a7
149      1,      3143: DTE 3143 143.062723 0.022794 9f 53 a7
150      1,      3146: DTE 3146 143.093510 0.023031 9f 53 a7
151      1,      3149: DTE 3149 143.124260 0.022808 9f 53 a7
152      1,      3152: DTE 3152 143.155041 0.022865 9f 53 a7
153      1,      3155: DTE 3155 143.185744 0.022795 9f 53 a7
154      1,      3158: DTE 3158 143.216526 0.022865 9f 53 a7
155      1,      3161: DTE 3161 143.247306 0.022871 9f 53 a7
156      1,      3164: DTE 3164 143.278015 0.022793 9f 53 a7
157 < 5 approximately identical blocks were deleted here >
158      1,      3497: DTE 3497 146.701520 0.022865 ff
159      1,      3498: DTE 3498 146.705895 0.004375 32
160      1,      3499: DTE 3499 146.710060 0.004165 39
161      1,      3500: DTE 3500 146.734236 0.024176 9f 53 a7
162      1,      3503: DTE 3503 146.775349 0.033205 f2
163
164
165 Stop
166      1,      3504: DTE 3504 146.834857 0.059508 30 30 75 30 30 32 7e
167
168      1,      3511: DTE 3511 157.948585 11.088729 32 39 52 30 30 32 7e
169      1,      3518: DTE 3518 158.007100 0.033521 32 39 52 30 30 32 7e
170      1,      3525: DTE 3525 158.066602 0.034506 32 39 44 30 30 32 7e
171
172 Right-Down
173 < At this approximate point the data capture software indicated parity errors on the data >
174      1,      3532: DTE 3532 158.097216 0.005776 32
175      1,      3533: DTE 3533 158.101386 0.004170 39
176      1,      3534: DTE 3534 158.105549 0.004163 ff
177
178 < Start of repeated block >
179      1,      3535: DTE 3535 158.125693 0.020144 ff
180      1,      3536: DTE 3536 158.130119 0.004426 32
181      1,      3537: DTE 3537 158.134284 0.004165 39
182      1,      3538: DTE 3538 158.158474 0.024190 9f 53 a7
183      1,      3541: DTE 3541 158.189161 0.022795 9f 53 27
184      1,      3544: DTE 3544 158.219943 0.022866 9f 53 a7
185      1,      3547: DTE 3547 158.250724 0.022873 9f 53 27
186      1,      3550: DTE 3550 158.281426 0.022781 9f 53 a7
187      1,      3553: DTE 3553 158.312208 0.022873 9f 53 27
188      1,      3556: DTE 3556 158.342963 0.022839 9f 53 a7
189      1,      3559: DTE 3559 158.373691 0.022818 9f 53 27
190      1,      3562: DTE 3562 158.404447 0.022839 9f 53 a7
191      1,      3565: DTE 3565 158.435230 0.022874 9f 53 27
192      1,      3568: DTE 3568 158.465933 0.022789 9f 53 a7
193      1,      3571: DTE 3571 158.496712 0.022871 9f 53 27
194      1,      3574: DTE 3574 158.527494 0.022865 9f 53 a7
195      1,      3577: DTE 3577 158.558197 0.022792 9f 53 27
196      1,      3580: DTE 3580 158.588837 0.022724 9f 53 a7
197      1,      3583: DTE 3583 158.619736 0.022848 9f 53 27
198      1,      3586: DTE 3586 158.650463 0.022815 9f 53 a7
199      1,      3589: DTE 3589 158.681219 0.022847 9f 53 27
200      1,      3592: DTE 3592 158.712000 0.023017 9f 53 a7
201      1,      3595: DTE 3595 158.742702 0.022793 9f 53 27
202      1,      3598: DTE 3598 158.773483 0.022865 9f 53 a7
203 < 11 approximately identical blocks were deleted here >
204      1,      4327: DTE 4327 166.268244 0.022864 ff
205      1,      4328: DTE 4328 166.272672 0.004428 32
206      1,      4329: DTE 4329 166.276838 0.004166 39
207      1,      4330: DTE 4330 166.300818 0.023980 9f 53 a7
208      1,      4333: DTE 4333 166.342127 0.033231 f2
209
210
211 Stop
212      1,      4334: DTE 4334 166.401630 0.059503 30 30 72 30 30 32 7e

```

```

213
214      1,      4341: DTE 4341 179.464607 13.038003 32 39 4c 30 30 32 7e
215      1,      4348: DTE 4348 179.523146 0.033542 32 39 4c 30 30 32 7e
216      1,      4355: DTE 4355 179.582702 0.034583 32 39 44 30 30 32 7e
217
218 Down-Left
219 < At this approximate point the data capture software indicated parity errors on the data >
220 < Start of repeated block >
221      1,      4362: DTE 4362 179.613406 0.005730 32
222      1,      4363: DTE 4363 179.617571 0.004165 39
223      1,      4364: DTE 4364 179.621737 0.004166 ff
224      1,      4365: DTE 4365 179.641746 0.020009 9f 53 27
225      1,      4368: DTE 4368 179.672528 0.022867 9f 53 a7
226      1,      4371: DTE 4371 179.703283 0.022846 9f 53 27
227      1,      4374: DTE 4374 179.734018 0.022819 9f 53 a7
228      1,      4377: DTE 4377 179.764767 0.022845 9f 53 27
229      1,      4380: DTE 4380 179.795549 0.022905 9f 53 a7
230      1,      4383: DTE 4383 179.826253 0.022796 9f 53 27
231      1,      4386: DTE 4386 179.857033 0.022865 9f 53 a7
232      1,      4389: DTE 4389 179.887788 0.022847 9f 53 27
233      1,      4392: DTE 4392 179.918515 0.022811 9f 53 a7
234      1,      4395: DTE 4395 179.949300 0.022874 9f 53 27
235      1,      4398: DTE 4398 179.980053 0.022839 9f 53 a7
236      1,      4401: DTE 4401 180.010835 0.022873 9f 53 27
237      1,      4404: DTE 4404 180.041538 0.022787 9f 53 a7
238      1,      4407: DTE 4407 180.072320 0.022873 9f 53 27
239      1,      4410: DTE 4410 180.103075 0.022840 9f 53 a7
240      1,      4413: DTE 4413 180.133644 0.022660 9f 53 27
241      1,      4416: DTE 4416 180.164558 0.022829 9f 53 a7
242      1,      4419: DTE 4419 180.195342 0.022874 9f 53 27
243      1,      4422: DTE 4422 180.226069 0.022812 9f 53 a7
244 < 5 approximately identical blocks were deleted here >
245      1,      4755: DTE 4755 183.649578 0.022864 ff
246      1,      4756: DTE 4756 183.653928 0.004350 32
247      1,      4757: DTE 4757 183.658094 0.004166 39
248      1,      4758: DTE 4758 183.682270 0.024176 9f 53 a7
249      1,      4761: DTE 4761 183.723382 0.033204 f2
250
251
252 Stop
253      1,      4762: DTE 4762 183.782914 0.059532 30 30 6c 30 30 32 7e
254
255      1,      4769: DTE 4769 193.592112 9.784227 32 39 4c 30 30 32 7e
256      1,      4776: DTE 4776 193.652604 0.035497 32 39 4c 30 30 32 7e
257      1,      4783: DTE 4783 193.712110 0.034507 32 39 55 30 30 32 7e
258
259 Left_Up
260 < At this approximate point the data capture software indicated parity errors on the data >
261 < Start of repeated block >
262      1,      4790: DTE 4790 193.742890 0.005782 32
263      1,      4791: DTE 4791 193.747055 0.004165 39
264      1,      4792: DTE 4792 193.751227 0.004172 ff
265      1,      4793: DTE 4793 193.771206 0.019979 9f 53 a7
266      1,      4796: DTE 4796 193.801986 0.022866 9f 53 a7
267      1,      4799: DTE 4799 193.832714 0.022820 9f 53 a7
268      1,      4802: DTE 4802 193.863470 0.022839 9f 53 a7
269      1,      4805: DTE 4805 193.894251 0.022873 9f 53 a7
270      1,      4808: DTE 4808 193.924953 0.022785 9f 53 a7
271      1,      4811: DTE 4811 193.955736 0.022873 9f 53 a7
272      1,      4814: DTE 4814 193.986490 0.022838 9f 53 a7
273      1,      4817: DTE 4817 194.017219 0.022819 9f 53 a7
274      1,      4820: DTE 4820 194.047975 0.022840 9f 53 a7
275      1,      4823: DTE 4823 194.078756 0.022872 9f 53 a7
276      1,      4826: DTE 4826 194.109484 0.022811 9f 53 a7
277      1,      4829: DTE 4829 194.140074 0.022680 9f 53 a7
278      1,      4832: DTE 4832 194.171024 0.023034 9f 53 a7
279      1,      4835: DTE 4835 194.201724 0.022793 9f 53 a7
280      1,      4838: DTE 4838 194.232507 0.022863 9f 53 a7
281      1,      4841: DTE 4841 194.263262 0.022846 9f 53 a7
282      1,      4844: DTE 4844 194.293990 0.022812 9f 53 a7
283 < 5 approximately identical blocks were deleted here >
284      1,      5177: DTE 5177 197.717500 0.022864 ff

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```

285      1,      5178: DTE 5178 197.721925 0.004425 32
286      1,      5179: DTE 5179 197.726093 0.004168 39
287      1,      5180: DTE 5180 197.750242 0.024149 9f 53 a7
288      1,      5183: DTE 5183 197.791329 0.033176 f2
289
290
291 Stop
292      1,      5184: DTE 5184 197.855667 0.064338 30 30 75 30 30 32 7e
293
294 ???
295      1,      5191: DTE 5191 212.109281 14.228447 46 30 30 32 7e
296      1,      5196: DTE 5196 212.167626 0.041805 46 30 30 32 7e
297      1,      5201: DTE 5201 212.227299 0.043005 46 30 30 32 7e
298 < 50 identical lines deleted here >
299      1,      5481: DTE 5481 215.560526 0.042838 46 30 30 32 7e
300      1,      5486: DTE 5486 215.620033 0.042841 46 30 30 32 7e
301
302 Stop
303      1,      5491: DTE 5491 215.679537 0.042838 4e 75 6d 62 65 72 20 69 73 20 74 6f 6f 20 62 69 67 33 30 30 33 30
304 7e
305 # There were a total of      5513 bytes transferred
306
307 # There were a total of      0 DCE bytes transferred
308 # The first DCE byte came in at 0.000000 seconds from the start of data collection
309 # The last DCE byte was at 0.000000 seconds from the start of data collection
310
311 # There were a total of      5513 DTE bytes transferred
312 # The first DTE byte came in at 0.000000 seconds from the start of data collection
313 # The last DTE byte was at 215.771062 seconds from the start of data collection
314

```

5 YUJIN-PD Protocol

```

1  # $ Header: d:/Binder0/RCS/MsQ.1,v 1.1 2008-09-12 14:26:31-07 Hamilton Exp Hamilton $
2  # $Header: d:/Binder7/SecuriTEST/RCS/09APR27R.cln,v 1.2 2009-05-01 13:08:10-07 Hamilton Exp Hamilton $
3  # Mon Apr 27 14:49:04 2009
4
5  # YUJIN-PD:
6
7  # FTS capture buffer (4/27/2009 12:52:19 PM)
8  # Event 1 (4/27/2009 12:48:09.552767 PM) through
9  # Event 8,520 (4/27/2009 12:51:51.120890 PM)
10
11 # Checksum is arightmetic (ff + 02 + 00 + 80 + 3b + 3b + 00 + 00 + 00 + 00 + 00 + 00 = 1f7)
12
13
14 Far
15 1, 1: DTE 1 0.000000 0.000000 00 ff 02 00 80 3b 3b 00 00 00 00 00 00 f7 00
16 1, 16: DTE 16 0.098202 0.039899 00 ff 02 00 80 3b 3b 00 00 00 00 00 00 f7 00
17 1, 31: DTE 31 0.197368 0.040864 00 ff 02 00 80 3b 3b 00 00 00 00 00 00 f7 00
18 < 30 identical lines were deleted here >
19 1, 496: DTE 496 3.272517 0.040749 00 ff 02 00 80 3b 3b 00 00 00 00 00 00 f7 00
20 1, 511: DTE 511 3.371710 0.040699 00 ff 02 00 80 3b 3b 00 00 00 00 00 00 f7 00
21 1, 526: DTE 526 3.471116 0.040938 00 ff 02 00 80 3b 3b 00 00 00 00 00 00 f7 00
22 1, 541: DTE 541 3.570128 0.040703 00 ff 02 00 80 3b 3b 00 00 00 00 00 00 f7 00
23
24 Stop
25 1, 556: DTE 556 3.679424 0.050834 00 ff 02 00 00 00 00 00 00 00 00 00 01 00
26 1, 571: DTE 571 3.934375 0.196645 00 ff 02 00 00 00 00 00 00 00 00 00 01 00
27 1, 586: DTE 586 4.189324 0.196807 00 ff 02 00 00 00 00 00 00 00 00 00 01 00
28
29 Near
30 1, 601: DTE 601 14.950837 10.703211 00 ff 02 01 00 3b 3b 00 00 00 00 00 00 78 00
31 1, 616: DTE 616 15.050039 0.040900 00 ff 02 01 00 3b 3b 00 00 00 00 00 00 78 00
32 1, 631: DTE 631 15.149246 0.040913 00 ff 02 01 00 3b 3b 00 00 00 00 00 00 78 00
33 < 30 identical lines were deleted here >
34 1, 1096: DTE 1096 18.224507 0.040861 00 ff 02 01 00 3b 3b 00 00 00 00 00 00 78 00
35 1, 1111: DTE 1111 18.323702 0.040863 00 ff 02 01 00 3b 3b 00 00 00 00 00 00 78 00
36
37 Stop
38 1, 1126: DTE 1126 18.433807 0.051800 00 ff 02 00 00 00 00 00 00 00 00 00 01 00
39 1, 1141: DTE 1141 18.688781 0.196645 00 ff 02 00 00 00 00 00 00 00 00 00 01 00
40 1, 1156: DTE 1156 18.943728 0.196644 00 ff 02 00 00 00 00 00 00 00 00 00 01 00
41
42 Tele
43 1, 1171: DTE 1171 29.835191 10.833150 00 ff 02 00 20 3b 3b 00 00 00 00 00 00 97 00
44 1, 1186: DTE 1186 29.934431 0.040939 00 ff 02 00 20 3b 3b 00 00 00 00 00 00 97 00
45 1, 1201: DTE 1201 30.033600 0.040862 00 ff 02 00 20 3b 3b 00 00 00 00 00 00 97 00
46 < 30 identical lines were deleted here >
47 1, 1666: DTE 1666 33.108911 0.040913 00 ff 02 00 20 3b 3b 00 00 00 00 00 00 97 00
48 1, 1681: DTE 1681 33.208104 0.040860 00 ff 02 00 20 3b 3b 00 00 00 00 00 00 97 00
49
50 Stop
51 1, 1696: DTE 1696 33.318044 0.051634 00 ff 02 00 00 00 00 00 00 00 00 00 01 00
52 1, 1711: DTE 1711 33.573019 0.196479 00 ff 02 00 00 00 00 00 00 00 00 00 01 00
53 1, 1726: DTE 1726 33.828133 0.196645 00 ff 02 00 00 00 00 00 00 00 00 00 01 00
54
55 Wide
56 1, 1741: DTE 1741 43.965663 10.079228 00 ff 02 00 40 3b 3b 00 00 00 00 00 00 b7 00
57 1, 1756: DTE 1756 44.064853 0.040889 00 ff 02 00 40 3b 3b 00 00 00 00 00 00 b7 00
58 1, 1771: DTE 1771 44.164072 0.040915 00 ff 02 00 40 3b 3b 00 00 00 00 00 00 b7 00
59 < 30 identical lines were deleted here >
60 1, 2236: DTE 2236 47.239331 0.040861 00 ff 02 00 40 3b 3b 00 00 00 00 00 00 b7 00
61 1, 2251: DTE 2251 47.338576 0.040938 00 ff 02 00 40 3b 3b 00 00 00 00 00 00 b7 00
62 1, 2266: DTE 2266 47.437579 0.040697 00 ff 02 00 40 3b 3b 00 00 00 00 00 00 b7 00
63 1, 2281: DTE 2281 47.536935 0.040860 00 ff 02 00 40 3b 3b 00 00 00 00 00 00 b7 00
64 1, 2296: DTE 2296 47.636178 0.040936 00 ff 02 00 40 3b 3b 00 00 00 00 00 00 b7 00
65 1, 2311: DTE 2311 47.735345 0.040858 00 ff 02 00 40 3b 3b 00 00 00 00 00 00 b7 00
66
67 Stop
68 1, 2326: DTE 2326 47.844487 0.050784 00 ff 02 00 00 00 00 00 00 00 00 00 01 00
69 1, 2341: DTE 2341 48.099272 0.196478 00 ff 02 00 00 00 00 00 00 00 00 00 01 00

```

```

70      1,      2356: DTE 2356      48.354264      0.196522 00 ff 02 00 00 00 00 00 00 00 00 01 00
71
72 Open
73      1,      2371: DTE 2371      58.308411      9.895722 00 ff 02 02 00 00 00 00 00 00 00 03 00
74
75 Stop
76      1,      2386: DTE 2386      62.053296      3.686592 00 ff 02 00 00 00 00 00 00 00 00 01 00
77
78 Close
79      1,      2401: DTE 2401      73.197752      11.086154 00 ff 02 04 00 00 00 00 00 00 00 05 00
80
81 Stop
82      1,      2416: DTE 2416      77.061685      3.805630 00 ff 02 00 00 00 00 00 00 00 00 01 00
83
84 Down
85      1,      2431: DTE 2431      87.473016      10.353029 00 ff 02 00 04 3b 3b 00 00 00 00 00 7b 00
86 Up-Right
87      1,      2446: DTE 2446      87.572178      0.040860 00 ff 02 00 0c 3b 3b 00 00 00 00 00 83 00
88      1,      2461: DTE 2461      87.671424      0.040939 00 ff 02 00 0c 3b 3b 00 00 00 00 00 83 00
89      1,      2476: DTE 2476      87.770589      0.040859 00 ff 02 00 0c 3b 3b 00 00 00 00 00 83 00
90 < 35 identical lines were deleted here >
91      1,      3016: DTE 3016      91.341920      0.040913 00 ff 02 00 0c 3b 3b 00 00 00 00 00 83 00
92      1,      3031: DTE 3031      91.441113      0.040887 00 ff 02 00 0c 3b 3b 00 00 00 00 00 83 00
93      1,      3046: DTE 3046      91.540334      0.041078 00 ff 02 00 0c 3b 3b 00 00 00 00 00 83 00
94      1,      3061: DTE 3061      91.639522      0.040884 00 ff 02 00 0c 3b 3b 00 00 00 00 00 83 00
95      1,      3076: DTE 3076      91.738691      0.040861 00 ff 02 00 04 3b 3b 00 00 00 00 00 7b 00
96
97 Stop
98      1,      3091: DTE 3091      91.847831      0.050809 00 ff 02 00 00 00 00 00 00 00 00 01 00
99      1,      3106: DTE 3106      92.102780      0.196643 00 ff 02 00 00 00 00 00 00 00 00 01 00
100     1,      3121: DTE 3121      92.357791      0.196705 00 ff 02 00 00 00 00 00 00 00 00 01 00
101
102 Up
103     1,      3136: DTE 3136      110.892761      18.476850 00 ff 02 00 08 3b 3b 00 00 00 00 00 7f 00
104     1,      3151: DTE 3151      110.992001      0.040912 00 ff 02 00 08 3b 3b 00 00 00 00 00 7f 00
105     1,      3166: DTE 3166      111.091195      0.040887 00 ff 02 00 08 3b 3b 00 00 00 00 00 7f 00
106 < 30 identical lines were deleted here >
107     1,      3631: DTE 3631      114.166508      0.040939 00 ff 02 00 08 3b 3b 00 00 00 00 00 7f 00
108     1,      3646: DTE 3646      114.265677      0.040863 00 ff 02 00 08 3b 3b 00 00 00 00 00 7f 00
109     1,      3661: DTE 3661      114.364704      0.040724 00 ff 02 00 08 3b 3b 00 00 00 00 00 7f 00
110     1,      3676: DTE 3676      114.464087      0.040913 00 ff 02 00 08 3b 3b 00 00 00 00 00 7f 00
111     1,      3691: DTE 3691      114.563281      0.040863 00 ff 02 00 08 3b 3b 00 00 00 00 00 7f 00
112
113 Stop
114     1,      3706: DTE 3706      114.672392      0.050806 00 ff 02 00 00 00 00 00 00 00 00 01 00
115     1,      3721: DTE 3721      114.927368      0.196643 00 ff 02 00 00 00 00 00 00 00 00 01 00
116     1,      3736: DTE 3736      115.182317      0.196642 00 ff 02 00 00 00 00 00 00 00 00 01 00
117
118 Right
119     1,      3751: DTE 3751      125.353598      10.113144 00 ff 02 00 04 3b 3b 00 00 00 00 00 7b 00
120     1,      3766: DTE 3766      125.452764      0.041026 00 ff 02 00 04 3b 3b 00 00 00 00 00 7b 00
121     1,      3781: DTE 3781      125.551843      0.040777 00 ff 02 00 04 3b 3b 00 00 00 00 00 7b 00
122 < 55 identical lines were deleted here >
123     1,      4621: DTE 4621      131.107318      0.040858 00 ff 02 00 04 3b 3b 00 00 00 00 00 7b 00
124     1,      4636: DTE 4636      131.206563      0.040938 00 ff 02 00 04 3b 3b 00 00 00 00 00 7b 00
125
126 Stop
127     1,      4651: DTE 4651      131.315678      0.050808 00 ff 02 00 00 00 00 00 00 00 00 01 00
128     1,      4666: DTE 4666      131.570438      0.196621 00 ff 02 00 00 00 00 00 00 00 00 01 00
129     1,      4681: DTE 4681      131.825551      0.196646 00 ff 02 00 00 00 00 00 00 00 00 01 00
130
131 Down
132     1,      4696: DTE 4696      142.538498      10.654645 00 ff 02 00 10 3b 3b 00 00 00 00 00 87 00
133     1,      4711: DTE 4711      142.637658      0.040859 00 ff 02 00 10 3b 3b 00 00 00 00 00 87 00
134     1,      4726: DTE 4726      142.736905      0.040939 00 ff 02 00 10 3b 3b 00 00 00 00 00 87 00
135 < 25 identical lines were deleted here >
136     1,      5116: DTE 5116      145.316152      0.040888 00 ff 02 00 10 3b 3b 00 00 00 00 00 87 00
137     1,      5131: DTE 5131      145.415317      0.040860 00 ff 02 00 10 3b 3b 00 00 00 00 00 87 00
138     1,      5146: DTE 5146      145.514563      0.040914 00 ff 02 00 10 3b 3b 00 00 00 00 00 87 00
139     1,      5161: DTE 5161      145.613758      0.040890 00 ff 02 00 10 3b 3b 00 00 00 00 00 87 00
140
141 Stop

```

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142      1,      5176: DTE  5176   145.722869   0.050807 00 ff 02 00 00 00 00 00 00 00 00 00 01 00
143      1,      5191: DTE  5191   145.977817   0.196642 00 ff 02 00 00 00 00 00 00 00 00 00 01 00
144      1,      5206: DTE  5206   146.232793   0.196645 00 ff 02 00 00 00 00 00 00 00 00 00 01 00
145
146 Left
147      1,      5221: DTE  5221   157.852407  11.561309 00 ff 02 00 02 3b 3b 00 00 00 00 00 00 79 00
148      1,      5236: DTE  5236   157.951595   0.040858 00 ff 02 00 02 3b 3b 00 00 00 00 00 00 79 00
149      1,      5251: DTE  5251   158.050790   0.040889 00 ff 02 00 02 3b 3b 00 00 00 00 00 00 79 00
150 < 45 identical lines were deleted here >
151      1,      5941: DTE  5941   162.613961   0.040698 00 ff 02 00 02 3b 3b 00 00 00 00 00 00 79 00
152      1,      5956: DTE  5956   162.713316   0.040888 00 ff 02 00 02 3b 3b 00 00 00 00 00 00 79 00
153
154 Stop
155      1,      5971: DTE  5971   162.822431   0.050809 00 ff 02 00 00 00 00 00 00 00 00 00 01 00
156      1,      5986: DTE  5986   163.077407   0.196670 00 ff 02 00 00 00 00 00 00 00 00 00 01 00
157      1,      6001: DTE  6001   163.332357   0.196645 00 ff 02 00 00 00 00 00 00 00 00 00 01 00
158
159 Right
160      1,      6016: DTE  6016   173.634423  10.243765 00 ff 02 00 04 3b 3b 00 00 00 00 00 00 7b 00
161 Up-Right
162      1,      6031: DTE  6031   173.733736   0.040860 00 ff 02 00 0c 3b 3b 00 00 00 00 00 00 83 00
163      1,      6046: DTE  6046   173.832980   0.040937 00 ff 02 00 0c 3b 3b 00 00 00 00 00 00 83 00
164      1,      6061: DTE  6061   173.932147   0.040861 00 ff 02 00 0c 3b 3b 00 00 00 00 00 00 83 00
165 < 30 identical lines were deleted here >
166      1,      6526: DTE  6526   177.007461   0.040914 00 ff 02 00 0c 3b 3b 00 00 00 00 00 00 83 00
167      1,      6541: DTE  6541   177.106652   0.040886 00 ff 02 00 0c 3b 3b 00 00 00 00 00 00 83 00
168      1,      6556: DTE  6556   177.205870   0.040911 00 ff 02 00 0c 3b 3b 00 00 00 00 00 00 83 00
169
170 Stop
171      1,      6571: DTE  6571   177.316001   0.051798 00 ff 02 00 00 00 00 00 00 00 00 00 01 00
172      1,      6586: DTE  6586   177.570901   0.196593 00 ff 02 00 00 00 00 00 00 00 00 00 01 00
173      1,      6601: DTE  6601   177.825876   0.196839 00 ff 02 00 00 00 00 00 00 00 00 00 01 00
174
175 Right
176      1,      6616: DTE  6616   188.116191  10.232013 00 ff 02 00 04 3b 3b 00 00 00 00 00 00 7b 00
177 Right-Down
178      1,      6631: DTE  6631   188.215387   0.040894 00 ff 02 00 14 3b 3b 00 00 00 00 00 00 8b 00
179      1,      6646: DTE  6646   188.314545   0.040859 00 ff 02 00 14 3b 3b 00 00 00 00 00 00 8b 00
180      1,      6661: DTE  6661   188.413792   0.040914 00 ff 02 00 14 3b 3b 00 00 00 00 00 00 8b 00
181 < 25 identical lines were deleted here >
182      1,      7051: DTE  7051   190.993036   0.040848 00 ff 02 00 14 3b 3b 00 00 00 00 00 00 8b 00
183      1,      7066: DTE  7066   191.092281   0.040937 00 ff 02 00 14 3b 3b 00 00 00 00 00 00 8b 00
184      1,      7081: DTE  7081   191.191448   0.041027 00 ff 02 00 14 3b 3b 00 00 00 00 00 00 8b 00
185      1,      7096: DTE  7096   191.290693   0.040942 00 ff 02 00 14 3b 3b 00 00 00 00 00 00 8b 00
186      1,      7111: DTE  7111   191.389871   0.040871 00 ff 02 00 14 3b 3b 00 00 00 00 00 00 8b 00
187      1,      7126: DTE  7126   191.489053   0.040862 00 ff 02 00 14 3b 3b 00 00 00 00 00 00 8b 00
188      1,      7141: DTE  7141   191.588297   0.040938 00 ff 02 00 14 3b 3b 00 00 00 00 00 00 8b 00
189
190 Stop
191      1,      7156: DTE  7156   191.703355   0.056919 00 ff 02 00 00 00 00 00 00 00 00 00 01 00
192      1,      7171: DTE  7171   191.958300   0.196646 00 ff 02 00 00 00 00 00 00 00 00 00 01 00
193      1,      7186: DTE  7186   192.213274   0.196672 00 ff 02 00 00 00 00 00 00 00 00 00 01 00
194
195 Down
196      1,      7201: DTE  7201   202.376559  10.104981 00 ff 02 00 10 3b 3b 00 00 00 00 00 00 87 00
197      1,      7216: DTE  7216   202.475810   0.040949 00 ff 02 00 10 3b 3b 00 00 00 00 00 00 87 00
198 Down-Left
199      1,      7231: DTE  7231   202.574969   0.040863 00 ff 02 00 12 3b 3b 00 00 00 00 00 00 89 00
200      1,      7246: DTE  7246   202.673996   0.040697 00 ff 02 00 12 3b 3b 00 00 00 00 00 00 89 00
201      1,      7261: DTE  7261   202.773409   0.040944 00 ff 02 00 12 3b 3b 00 00 00 00 00 00 89 00
202 < 30 identical lines were deleted here >
203      1,      7726: DTE  7726   205.848665   0.040885 00 ff 02 00 12 3b 3b 00 00 00 00 00 00 89 00
204      1,      7741: DTE  7741   205.947883   0.040911 00 ff 02 00 12 3b 3b 00 00 00 00 00 00 89 00
205      1,      7756: DTE  7756   206.047076   0.040886 00 ff 02 00 12 3b 3b 00 00 00 00 00 00 89 00
206      1,      7771: DTE  7771   206.146295   0.040911 00 ff 02 00 12 3b 3b 00 00 00 00 00 00 89 00
207
208 Stop
209      1,      7786: DTE  7786   206.255387   0.050785 00 ff 02 00 00 00 00 00 00 00 00 00 01 00
210      1,      7801: DTE  7801   206.510336   0.196645 00 ff 02 00 00 00 00 00 00 00 00 00 01 00
211      1,      7816: DTE  7816   206.765285   0.196647 00 ff 02 00 00 00 00 00 00 00 00 00 01 00
212
213 Up

```

```

214      1,      7831: DTE  7831   216.724297   9.900685 00 ff 02 00 08 3b 3b 00 00 00 00 00 00 7f 00
215 Left-Up
216      1,      7846: DTE  7846   216.823487   0.040887 00 ff 02 00 0a 3b 3b 00 00 00 00 00 00 81 00
217      1,      7861: DTE  7861   216.922653   0.040861 00 ff 02 00 0a 3b 3b 00 00 00 00 00 00 81 00
218      1,      7876: DTE  7876   217.021898   0.040940 00 ff 02 00 0a 3b 3b 00 00 00 00 00 00 81 00
219 < 35 identical lines were deleted here >
220      1,      8416: DTE  8416   220.593175   0.040886 00 ff 02 00 0a 3b 3b 00 00 00 00 00 00 81 00
221      1,      8431: DTE  8431   220.692230   0.040748 00 ff 02 00 0a 3b 3b 00 00 00 00 00 00 81 00
222      1,      8446: DTE  8446   220.791586   0.040886 00 ff 02 00 0a 3b 3b 00 00 00 00 00 00 81 00
223      1,      8461: DTE  8461   220.890752   0.040860 00 ff 02 00 0a 3b 3b 00 00 00 00 00 00 81 00
224
225 Stop
226      1,      8476: DTE  8476   220.999895   0.050836 00 ff 02 00 00 00 00 00 00 00 00 00 00 01 00
227      1,      8491: DTE  8491   221.254844   0.196643 00 ff 02 00 00 00 00 00 00 00 00 00 00 00 01 00
228      1,      8506: DTE  8506   221.509794   0.196811 00 ff 02 00 00 00 00 00 00 00 00 00 00 00 01 00
229
230 # There were a total of      8520 bytes transferred
231
232 # There were a total of          0 DCE bytes transferred
233 # The first DCE byte came in at 0.000000 seconds from the start of data collection
234 # The last DCE byte was at 0.000000 seconds from the start of data collection
235
236 # There were a total of      8520 DTE bytes transferred
237 # The first DTE byte came in at 0.000000 seconds from the start of data collection
238 # The last DTE byte was at 221.568123 seconds from the start of data collection
239

```

6 Wonwoo Protocol

```

1 # $ Header: d:/Binder0/RCS/MsQ.l,v 1.1 2008-09-12 14:26:31-07 Hamilton Exp Hamilton $
2 # $Header: d:/Binder7/SecuriTEST/RCS/09APR27s.cln,v 1.2 2009-05-01 13:08:11-07 Hamilton Exp Hamilton $
3 # Mon Apr 27 14:49:19 2009
4
5 # WONWOO
6
7 # FTS capture buffer (4/27/2009 12:56:55 PM)
8 # Event 1 (4/27/2009 12:52:56.070161 PM) through
9 # Event 7,098 (4/27/2009 12:56:33.223366 PM)
10
11 Far
12 1,      1: DTE      1      0.000000  0.000000 00 55 00 02 01 00 bc bc dd 00 aa c9 00
13 1,      14: DTE     14      0.099191  0.049220 00 55 00 02 01 00 bc bc dd 00 aa c9 00
14 1,      27: DTE     27      0.198358  0.049196 00 55 00 02 01 00 bc bc dd 00 aa c9 00
15 < 30 identical line were deleted here >
16 1,      430: DTE    430      3.280597  0.049195 00 55 00 02 01 00 bc bc dd 00 aa c9 00
17 1,      443: DTE    443      3.380831  0.050236 00 55 00 02 01 00 bc bc dd 00 aa c9 00
18 1,      456: DTE    456      3.479997  0.049194 00 55 00 02 01 00 bc bc dd 00 aa c9 00
19 1,      469: DTE    469      3.580232  0.050235 00 55 00 02 01 00 bc bc dd 00 aa c9 00
20 1,      482: DTE    482      3.679424  0.049219 00 55 00 02 01 00 bc bc dd 00 aa c9 00
21
22 Stop
23 1,      495: DTE    495      3.788539  0.059143 00 55 00 02 00 00 80 80 dd 00 aa 42 00
24 1,      508: DTE    508      4.035356  0.196843 00 55 00 02 00 00 80 80 dd 00 aa 42 00
25 1,      521: DTE    521      4.282581  0.197230 00 55 00 02 00 00 80 80 dd 00 aa 42 00
26
27 Near
28 1,      534: DTE    534      15.815892  11.483344 00 55 00 02 02 00 bc bc dd 00 aa c8 00
29 1,      547: DTE    547      15.915055  0.049195 00 55 00 02 02 00 bc bc dd 00 aa c8 00
30 1,      560: DTE    560      16.015293  0.050240 00 55 00 02 02 00 bc bc dd 00 aa c8 00
31 < 35 identical line were deleted here >
32 1,      1015: DTE   1015      19.497280  0.049205 00 55 00 02 02 00 bc bc dd 00 aa c8 00
33 1,      1028: DTE   1028      19.597512  0.050272 00 55 00 02 02 00 bc bc dd 00 aa c8 00
34 1,      1041: DTE   1041      19.697668  0.050183 00 55 00 02 02 00 bc bc dd 00 aa c8 00
35
36 Stop
37 1,      1054: DTE   1054      19.806801  0.059134 00 55 00 02 00 00 80 80 dd 00 aa 42 00
38 1,      1067: DTE   1067      20.053669  0.196897 00 55 00 02 00 00 80 80 dd 00 aa 42 00
39 1,      1080: DTE   1080      20.300838  0.197034 00 55 00 02 00 00 80 80 dd 00 aa 42 00
40
41 Tele
42 1,      1093: DTE   1093      30.647718  10.296909 00 55 00 02 00 20 bc bc dd 00 aa aa 00
43 1,      1106: DTE   1106      30.746881  0.049193 00 55 00 02 00 20 bc bc dd 00 aa aa 00
44 1,      1119: DTE   1119      30.846074  0.049220 00 55 00 02 00 20 bc bc dd 00 aa aa 00
45 < 35 identical line were deleted here >
46 1,      1587: DTE   1587      34.427273  0.049194 00 55 00 02 00 20 bc bc dd 00 aa aa 00
47 1,      1600: DTE   1600      34.527508  0.050235 00 55 00 02 00 20 bc bc dd 00 aa aa 00
48 1,      1613: DTE   1613      34.626700  0.049221 00 55 00 02 00 20 bc bc dd 00 aa aa 00
49 1,      1626: DTE   1626      34.726908  0.050235 00 55 00 02 00 20 bc bc dd 00 aa aa 00
50 1,      1639: DTE   1639      34.826101  0.049219 00 55 00 02 00 20 bc bc dd 00 aa aa 00
51
52 Stop
53 1,      1652: DTE   1652      34.935218  0.059146 00 55 00 02 00 00 80 80 dd 00 aa 42 00
54 1,      1665: DTE   1665      35.182225  0.197037 00 55 00 02 00 00 80 80 dd 00 aa 42 00
55 1,      1678: DTE   1678      35.429258  0.197065 00 55 00 02 00 00 80 80 dd 00 aa 42 00
56
57 Wide
58 1,      1691: DTE   1691      46.020171  10.540945 00 55 00 02 00 40 bc bc dd 00 aa 8a 00
59 1,      1704: DTE   1704      46.119337  0.049197 00 55 00 02 00 40 bc bc dd 00 aa 8a 00
60 1,      1717: DTE   1717      46.219569  0.050262 00 55 00 02 00 40 bc bc dd 00 aa 8a 00
61 < 35 identical line were deleted here >
62 1,      2185: DTE   2185      49.800769  0.050239 00 55 00 02 00 40 bc bc dd 00 aa 8a 00
63 1,      2198: DTE   2198      49.899962  0.049197 00 55 00 02 00 40 bc bc dd 00 aa 8a 00
64
65 Stop
66 1,      2211: DTE   2211      50.009076  0.059144 00 55 00 02 00 00 80 80 dd 00 aa 42 00
67 1,      2224: DTE   2224      50.256083  0.197009 00 55 00 02 00 00 80 80 dd 00 aa 42 00
68 1,      2237: DTE   2237      50.503113  0.197061 00 55 00 02 00 00 80 80 dd 00 aa 42 00
69

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70 Open
71 1, 2250: DTE 2250 60.647570 10.094459 00 55 00 02 00 00 00 00 81 82 aa 1c 00
72
73 Stop
74 1, 2263: DTE 2263 64.501609 3.804068 00 55 00 02 00 00 00 00 81 00 aa 9e 00
75
76 Close
77 1, 2276: DTE 2276 79.288749 14.737172 00 55 00 02 00 00 00 00 81 83 aa 1b 00
78
79 Stop
80 1, 2289: DTE 2289 82.547602 3.208860 00 55 00 02 00 00 00 00 81 00 aa 9e 00
81
82
83 Up
84 1, 2302: DTE 2302 95.831826 13.234254 00 55 00 02 00 08 bc bc dd 00 aa c2 00
85 1, 2315: DTE 2315 95.931040 0.049245 00 55 00 02 00 08 bc bc dd 00 aa c2 00
86 1, 2328: DTE 2328 96.031225 0.050211 00 55 00 02 00 08 bc bc dd 00 aa c2 00
87 < 25 identical line were deleted here >
88 1, 2666: DTE 2666 98.615468 0.050262 00 55 00 02 00 08 bc bc dd 00 aa c2 00
89 1, 2679: DTE 2679 98.715624 0.050185 00 55 00 02 00 08 bc bc dd 00 aa c2 00
90 1, 2692: DTE 2692 98.813878 0.048255 00 55 00 02 00 08 bc bc dd 00 aa c2 00
91 1, 2705: DTE 2705 98.913073 0.049220 00 55 00 02 00 08 bc bc dd 00 aa c2 00
92
93 Stop
94 1, 2718: DTE 2718 99.022020 0.058974 00 55 00 02 00 00 80 80 dd 00 aa 42 00
95 1, 2731: DTE 2731 99.269170 0.197009 00 55 00 02 00 00 80 80 dd 00 aa 42 00
96 1, 2744: DTE 2744 99.516227 0.197063 00 55 00 02 00 00 80 80 dd 00 aa 42 00
97
98 Right
99 1, 2757: DTE 2757 111.664565 12.098369 00 55 00 02 00 02 bc bc dd 00 aa c8 00
100 1, 2770: DTE 2770 111.763639 0.049105 00 55 00 02 00 02 bc bc dd 00 aa c8 00
101 1, 2783: DTE 2783 111.863962 0.050350 00 55 00 02 00 02 bc bc dd 00 aa c8 00
102 < 35 identical line were deleted here >
103 1, 3251: DTE 3251 115.444196 0.049193 00 55 00 02 00 02 bc bc dd 00 aa c8 00
104 1, 3264: DTE 3264 115.544430 0.050262 00 55 00 02 00 02 bc bc dd 00 aa c8 00
105 1, 3277: DTE 3277 115.643597 0.049194 00 55 00 02 00 02 bc bc dd 00 aa c8 00
106
107 Stop
108 1, 3290: DTE 3290 115.752738 0.059168 00 55 00 02 00 00 80 80 dd 00 aa 42 00
109 1, 3303: DTE 3303 115.999721 0.197010 00 55 00 02 00 00 80 80 dd 00 aa 42 00
110 1, 3316: DTE 3316 116.246586 0.196896 00 55 00 02 00 00 80 80 dd 00 aa 42 00
111
112 Down
113 1, 3329: DTE 3329 128.752276 12.455679 00 55 00 02 00 10 bc bc dd 00 aa ba 00
114 1, 3342: DTE 3342 128.850448 0.048202 00 55 00 02 00 10 bc bc dd 00 aa ba 00
115 1, 3355: DTE 3355 128.950683 0.050260 00 55 00 02 00 10 bc bc dd 00 aa ba 00
116 < 40 identical line were deleted here >
117 1, 3888: DTE 3888 133.030919 0.050328 00 55 00 02 00 10 bc bc dd 00 aa ba 00
118 1, 3901: DTE 3901 133.130882 0.050146 00 55 00 02 00 10 bc bc dd 00 aa ba 00
119 1, 3914: DTE 3914 133.229116 0.048238 00 55 00 02 00 10 bc bc dd 00 aa ba 00
120
121 Stop
122 1, 3927: DTE 3927 133.338420 0.059142 00 55 00 02 00 00 80 80 dd 00 aa 42 00
123 1, 3940: DTE 3940 133.585402 0.197009 00 55 00 02 00 00 80 80 dd 00 aa 42 00
124 1, 3953: DTE 3953 133.832291 0.196893 00 55 00 02 00 00 80 80 dd 00 aa 42 00
125
126 Left
127 1, 3966: DTE 3966 142.592046 8.709616 00 55 00 02 00 04 bc bc dd 00 aa c6 00
128 1, 3979: DTE 3979 142.691237 0.049193 00 55 00 02 00 04 bc bc dd 00 aa c6 00
129 1, 3992: DTE 3992 142.791417 0.050211 00 55 00 02 00 04 bc bc dd 00 aa c6 00
130 < 65 identical line were deleted here >
131 1, 4850: DTE 4850 149.358658 0.050209 00 55 00 02 00 04 bc bc dd 00 aa c6 00
132 1, 4863: DTE 4863 149.457822 0.049191 00 55 00 02 00 04 bc bc dd 00 aa c6 00
133 1, 4876: DTE 4876 149.558060 0.050261 00 55 00 02 00 04 bc bc dd 00 aa c6 00
134 1, 4889: DTE 4889 149.658214 0.050181 00 55 00 02 00 04 bc bc dd 00 aa c6 00
135 1, 4902: DTE 4902 149.756471 0.048255 00 55 00 02 00 04 bc bc dd 00 aa c6 00
136
137 Stop
138 1, 4915: DTE 4915 149.865584 0.059139 00 55 00 02 00 00 80 80 dd 00 aa 42 00
139 1, 4928: DTE 4928 150.112593 0.197008 00 55 00 02 00 00 80 80 dd 00 aa 42 00
140 1, 4941: DTE 4941 150.359626 0.197063 00 55 00 02 00 00 80 80 dd 00 aa 42 00
141

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142      1,      4954: DTE 4954 162.448458 12.038832 00 55 00 02 00 02 bc bc dd 00 aa c8 00
143
144 Up-Right
145      1,      4967: DTE 4967 162.546656 0.048203 00 55 00 02 00 0a bc bc dd 00 aa c0 00
146      1,      4980: DTE 4980 162.646863 0.050234 00 55 00 02 00 0a bc bc dd 00 aa c0 00
147      1,      4993: DTE 4993 162.747048 0.050186 00 55 00 02 00 0a bc bc dd 00 aa c0 00
148 < 30 identical line were deleted here >
149      1,      5396: DTE 5396 165.849131 0.050210 00 55 00 02 00 0a bc bc dd 00 aa c0 00
150      1,      5409: DTE 5409 165.949286 0.050182 00 55 00 02 00 0a bc bc dd 00 aa c0 00
151      1,      5422: DTE 5422 166.049522 0.050262 00 55 00 02 00 0a bc bc dd 00 aa c0 00
152      1,      5435: DTE 5435 166.149678 0.050184 00 55 00 02 00 0a bc bc dd 00 aa c0 00
153      1,      5448: DTE 5448 166.248924 0.049246 00 55 00 02 00 0a bc bc dd 00 aa c0 00
154
155      1,      5461: DTE 5461 166.349080 0.050184 00 55 00 02 00 08 bc bc dd 00 aa c2 00
156
157 Stop
158      1,      5474: DTE 5474 166.458222 0.059144 00 55 00 02 00 00 80 80 dd 00 aa 42 00
159      1,      5487: DTE 5487 166.705251 0.197058 00 55 00 02 00 00 80 80 dd 00 aa 42 00
160      1,      5500: DTE 5500 166.952258 0.197008 00 55 00 02 00 00 80 80 dd 00 aa 42 00
161
162      1,      5513: DTE 5513 179.800023 12.797793 00 55 00 02 00 02 bc bc dd 00 aa c8 00
163      1,      5526: DTE 5526 179.899210 0.049217 00 55 00 02 00 02 bc bc dd 00 aa c8 00
164
165 Right-Down
166      1,      5539: DTE 5539 179.998263 0.049077 00 55 00 02 00 12 bc bc dd 00 aa b8 00
167      1,      5552: DTE 5552 180.098446 0.050170 00 55 00 02 00 12 bc bc dd 00 aa b8 00
168      1,      5565: DTE 5565 180.198603 0.050182 00 55 00 02 00 12 bc bc dd 00 aa b8 00
169 < 30 identical line were deleted here >
170      1,      5968: DTE 5968 183.298712 0.050020 00 55 00 02 00 12 bc bc dd 00 aa b8 00
171      1,      5981: DTE 5981 183.398119 0.049272 00 55 00 02 00 12 bc bc dd 00 aa b8 00
172      1,      5994: DTE 5994 183.498275 0.050183 00 55 00 02 00 12 bc bc dd 00 aa b8 00
173      1,      6007: DTE 6007 183.598510 0.050261 00 55 00 02 00 12 bc bc dd 00 aa b8 00
174      1,      6020: DTE 6020 183.698666 0.050183 00 55 00 02 00 12 bc bc dd 00 aa b8 00
175      1,      6033: DTE 6033 183.798849 0.050209 00 55 00 02 00 12 bc bc dd 00 aa b8 00
176
177      1,      6046: DTE 6046 183.898067 0.049244 00 55 00 02 00 02 bc bc dd 00 aa c8 00
178
179 Stop
180      1,      6059: DTE 6059 184.007207 0.059141 00 55 00 02 00 00 80 80 dd 00 aa 42 00
181      1,      6072: DTE 6072 184.254201 0.197020 00 55 00 02 00 00 80 80 dd 00 aa 42 00
182      1,      6085: DTE 6085 184.501248 0.197050 00 55 00 02 00 00 80 80 dd 00 aa 42 00
183
184      1,      6098: DTE 6098 195.527606 10.976389 00 55 00 02 00 10 bc bc dd 00 aa ba 00
185      1,      6111: DTE 6111 195.626845 0.049271 00 55 00 02 00 10 bc bc dd 00 aa ba 00
186      1,      6124: DTE 6124 195.727003 0.050183 00 55 00 02 00 10 bc bc dd 00 aa ba 00
187      1,      6137: DTE 6137 195.826194 0.049219 00 55 00 02 00 10 bc bc dd 00 aa ba 00
188      1,      6150: DTE 6150 195.926402 0.050234 00 55 00 02 00 10 bc bc dd 00 aa ba 00
189
190 Down-Left
191      1,      6163: DTE 6163 196.025595 0.049193 00 55 00 02 00 14 bc bc dd 00 aa b6 00
192      1,      6176: DTE 6176 196.125804 0.050235 00 55 00 02 00 14 bc bc dd 00 aa b6 00
193      1,      6189: DTE 6189 196.224997 0.049193 00 55 00 02 00 14 bc bc dd 00 aa b6 00
194 < 20 identical line were deleted here >
195      1,      6462: DTE 6462 198.326147 0.050237 00 55 00 02 00 14 bc bc dd 00 aa b6 00
196      1,      6475: DTE 6475 198.425170 0.049052 00 55 00 02 00 14 bc bc dd 00 aa b6 00
197      1,      6488: DTE 6488 198.525493 0.050183 00 55 00 02 00 14 bc bc dd 00 aa b6 00
198      1,      6501: DTE 6501 198.625560 0.050094 00 55 00 02 00 14 bc bc dd 00 aa b6 00
199      1,      6514: DTE 6514 198.724731 0.049030 00 55 00 02 00 14 bc bc dd 00 aa b6 00
200
201 Stop
202      1,      6527: DTE 6527 198.834038 0.059295 00 55 00 02 00 00 80 80 dd 00 aa 42 00
203      1,      6540: DTE 6540 199.080904 0.196897 00 55 00 02 00 00 80 80 dd 00 aa 42 00
204      1,      6553: DTE 6553 199.328076 0.197037 00 55 00 02 00 00 80 80 dd 00 aa 42 00
205
206      1,      6566: DTE 6566 212.800813 13.422767 00 55 00 02 00 08 bc bc dd 00 aa c2 00
207
208 Left-Up
209      1,      6579: DTE 6579 212.899976 0.049195 00 55 00 02 00 0c bc bc dd 00 aa be 00
210      1,      6592: DTE 6592 212.999222 0.049247 00 55 00 02 00 0c bc bc dd 00 aa be 00
211      1,      6605: DTE 6605 213.098413 0.049219 00 55 00 02 00 0c bc bc dd 00 aa be 00
212 < 30 identical line were deleted here >
213      1,      7008: DTE 7008 216.199484 0.050238 00 55 00 02 00 0c bc bc dd 00 aa be 00

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214      1,      7021: DTE 7021 216.299667 0.050212 00 55 00 02 00 0c bc bc dd 00 aa be 00
215      1,      7034: DTE 7034 216.399876 0.050402 00 55 00 02 00 0c bc bc dd 00 aa be 00
216      1,      7047: DTE 7047 216.500056 0.050185 00 55 00 02 00 0c bc bc dd 00 aa be 00
217
218 Stop
219      1,      7060: DTE 7060 216.609171 0.059144 00 55 00 02 00 00 80 80 dd 00 aa 42 00
220      1,      7073: DTE 7073 216.856231 0.197064 00 55 00 02 00 00 80 80 dd 00 aa 42 00
221      1,      7086: DTE 7086 217.103207 0.197008 00 55 00 02 00 00 80 80 dd 00 aa 42 00
222
223
224 # There were a total of      7098 bytes transferred
225
226 # There were a total of          0 DCE bytes transferred
227 # The first DCE byte came in at 0.000000 seconds from the start of data collection
228 # The last DCE byte was at 0.000000 seconds from the start of data collection
229
230 # There were a total of      7098 DTE bytes transferred
231 # The first DTE byte came in at 0.000000 seconds from the start of data collection
232 # The last DTE byte was at 217.153205 seconds from the start of data collection
233

```

7 Panasopnic (WV-CS850) Protocol

```

1 # $ Header: d:/Binder0/RCS/MsQ.1,v 1.1 2008-09-12 14:26:31-07 Hamilton Exp Hamilton $
2 # $Header: d:/Binder7/SecuriTEST/RCS/09APR27t.cln,v 1.2 2009-05-01 13:08:11-07 Hamilton Exp Hamilton $
3 # Mon Apr 27 14:49:22 2009
4
5 # WV-CS850: Panasonic (WV-CS850)
6
7 # FTS capture buffer (4/27/2009 1:01:25 PM)
8 # Event 1 (4/27/2009 12:57:39.129310 PM) through
9 # Event 8,280 (4/27/2009 1:00:57.520329 PM)
10
11
12 Far
13 1, 1: DTE 1 0.000000 0.000000 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 30 30 45 03
14 1, 19: DTE 19 0.099242 0.028438 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 30 30 45 03
15 1, 37: DTE 37 0.197427 0.027379 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 30 30 45 03
16 < 30 identical lines were deleted here >
17 1, 595: DTE 595 3.273722 0.028413 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 30 30 45 03
18 1, 613: DTE 613 3.372914 0.028385 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 30 30 45 03
19
20 Stop
21 1, 631: DTE 631 3.482028 0.038306 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
22 1, 649: DTE 649 3.749894 0.197059 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
23 1, 667: DTE 667 4.017738 0.197038 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
24
25 Near
26 1, 685: DTE 685 13.920136 9.831597 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 30 30 41 03
27 1, 703: DTE 703 14.019349 0.028409 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 30 30 41 03
28 1, 721: DTE 721 14.118543 0.028387 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 30 30 41 03
29 < 25 identical lines were deleted here >
30 1, 1189: DTE 1189 16.697840 0.028411 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 30 30 41 03
31 1, 1207: DTE 1207 16.797033 0.028387 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 30 30 41 03
32 1, 1225: DTE 1225 16.896199 0.028359 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 30 30 41 03
33 1, 1243: DTE 1243 16.995444 0.028439 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 30 30 41 03
34 1, 1261: DTE 1261 17.094612 0.028361 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 30 30 41 03
35 1, 1279: DTE 1279 17.193855 0.028438 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 30 30 41 03
36
37 Stop
38 1, 1297: DTE 1297 17.302970 0.038308 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
39 1, 1315: DTE 1315 17.570846 0.197068 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
40 1, 1333: DTE 1333 17.838676 0.197060 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
41
42 Tele
43 1, 1351: DTE 1351 28.132903 10.223423 02 41 44 30 32 3b 47 43 37 3a 39 30 32 33 31 30 30 03
44 1, 1369: DTE 1369 28.232139 0.028436 02 41 44 30 32 3b 47 43 37 3a 39 30 32 33 31 30 30 03
45 1, 1387: DTE 1387 28.331333 0.028387 02 41 44 30 32 3b 47 43 37 3a 39 30 32 33 31 30 30 03
46 < 25 identical lines were deleted here >
47 1, 1855: DTE 1855 30.910631 0.028605 02 41 44 30 32 3b 47 43 37 3a 39 30 32 33 31 30 30 03
48 1, 1873: DTE 1873 31.009798 0.028360 02 41 44 30 32 3b 47 43 37 3a 39 30 32 33 31 30 30 03
49 1, 1891: DTE 1891 31.108991 0.028387 02 41 44 30 32 3b 47 43 37 3a 39 30 32 33 31 30 30 03
50 1, 1909: DTE 1909 31.208209 0.028413 02 41 44 30 32 3b 47 43 37 3a 39 30 32 33 31 30 30 03
51 1, 1927: DTE 1927 31.307402 0.028387 02 41 44 30 32 3b 47 43 37 3a 39 30 32 33 31 30 30 03
52
53 Stop
54 1, 1945: DTE 1945 31.417510 0.039302 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
55 1, 1963: DTE 1963 31.685400 0.197087 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
56 1, 1981: DTE 1981 31.953216 0.197013 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
57
58 Wide
59 1, 1999: DTE 1999 42.753451 10.729434 02 41 44 30 32 3b 47 43 37 3a 39 30 32 37 31 30 30 03
60 1, 2017: DTE 2017 42.851649 0.027394 02 41 44 30 32 3b 47 43 37 3a 39 30 32 37 31 30 30 03
61 1, 2035: DTE 2035 42.950816 0.028360 02 41 44 30 32 3b 47 43 37 3a 39 30 32 37 31 30 30 03
62 < 30 identical lines were deleted here >
63 1, 2593: DTE 2593 46.027121 0.028413 02 41 44 30 32 3b 47 43 37 3a 39 30 32 37 31 30 30 03
64 1, 2611: DTE 2611 46.126314 0.028388 02 41 44 30 32 3b 47 43 37 3a 39 30 32 37 31 30 30 03
65
66 Stop
67 1, 2629: DTE 2629 46.236416 0.039295 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
68 1, 2647: DTE 2647 46.504145 0.196921 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
69 1, 2665: DTE 2665 46.772124 0.197008 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03

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70
71 Open
72 1, 2683: DTE 2683 57.071347 10.228421 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
73
74 Stop
75 1, 2701: DTE 2701 61.304368 4.162219 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
76
77 Close
78 1, 2719: DTE 2719 72.779163 11.403991 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
79
80 Stop
81 1, 2737: DTE 2737 76.496247 3.646280 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
82
83 Up
84 1, 2755: DTE 2755 88.174425 11.607374 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 41 46 46 03
85 1, 2773: DTE 2773 88.273593 0.028386 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 41 46 46 03
86 1, 2791: DTE 2791 88.371822 0.027516 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 41 46 46 03
87 < 30 identical lines were deleted here >
88 1, 3349: DTE 3349 91.446922 0.028194 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 41 46 46 03
89 1, 3367: DTE 3367 91.546329 0.028439 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 41 46 46 03
90 1, 3385: DTE 3385 91.645521 0.028386 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 41 46 46 03
91 1, 3403: DTE 3403 91.744690 0.028364 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 41 46 46 03
92 1, 3421: DTE 3421 91.843933 0.028438 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 41 46 46 03
93 1, 3439: DTE 3439 91.943099 0.028362 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 41 46 46 03
94
95 Stop
96 1, 3457: DTE 3457 92.053230 0.039324 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
97 1, 3475: DTE 3475 92.321096 0.197059 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
98 1, 3493: DTE 3493 92.588909 0.197008 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
99
100 Right
101 1, 3511: DTE 3511 102.903055 10.243341 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 43 46 46 03
102 1, 3529: DTE 3529 103.002220 0.028390 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 43 46 46 03
103 1, 3547: DTE 3547 103.101461 0.028437 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 43 46 46 03
104 < 30 identical lines were deleted here >
105 1, 4105: DTE 4105 106.176724 0.028387 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 43 46 46 03
106 1, 4123: DTE 4123 106.275943 0.028412 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 43 46 46 03
107 1, 4141: DTE 4141 106.375135 0.028387 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 43 46 46 03
108 1, 4159: DTE 4159 106.474305 0.028363 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 43 46 46 03
109
110 Stop
111 1, 4177: DTE 4177 106.583449 0.038340 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
112 1, 4195: DTE 4195 106.851326 0.197078 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
113 1, 4213: DTE 4213 107.119174 0.197060 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
114
115 Down
116 1, 4231: DTE 4231 118.420325 11.230346 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 45 46 46 03
117 1, 4249: DTE 4249 118.519515 0.028388 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 45 46 46 03
118 1, 4267: DTE 4267 118.618758 0.028437 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 45 46 46 03
119 < 30 identical lines were deleted here >
120 1, 4645: DTE 4645 120.702978 0.028385 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 45 46 46 03
121 1, 4663: DTE 4663 120.802198 0.028412 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 45 46 46 03
122 1, 4681: DTE 4681 120.901390 0.028385 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 45 46 46 03
123 1, 4699: DTE 4699 121.000609 0.028412 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 45 46 46 03
124
125 Stop
126 1, 4717: DTE 4717 121.109696 0.038327 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
127 1, 4735: DTE 4735 121.377564 0.197060 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
128 1, 4753: DTE 4753 121.645430 0.197084 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
129
130 Left
131 1, 4771: DTE 4771 132.896971 11.180738 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 38 46 46 03
132 1, 4789: DTE 4789 132.996210 0.028437 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 38 46 46 03
133 1, 4807: DTE 4807 133.095378 0.028359 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 38 46 46 03
134 < 25 identical lines were deleted here >
135 1, 5275: DTE 5275 135.676655 0.028414 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 38 46 46 03
136 1, 5293: DTE 5293 135.775846 0.028385 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 38 46 46 03
137 1, 5311: DTE 5311 135.875090 0.028436 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 38 46 46 03
138 1, 5329: DTE 5329 135.974258 0.028359 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 38 46 46 03
139 1, 5347: DTE 5347 136.073451 0.028385 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 38 46 46 03
140 1, 5365: DTE 5365 136.172670 0.028411 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 38 46 46 03
141

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142 Stop
143 1, 5383: DTE 5383 136.281810 0.038500 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
144 1, 5401: DTE 5401 136.549627 0.197010 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
145 1, 5419: DTE 5419 136.817491 0.197062 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
146
147 1, 5437: DTE 5437 150.355673 13.467379 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 43 46 46 03
148
149 Up-Right
150 1, 5455: DTE 5455 150.454862 0.028384 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 42 46 46 03
151 1, 5473: DTE 5473 150.553119 0.027616 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 42 46 46 03
152 1, 5491: DTE 5491 150.652286 0.028418 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 42 46 46 03
153 < 25 identical lines were deleted here >
154 1, 5959: DTE 5959 153.232572 0.028413 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 42 46 46 03
155 1, 5977: DTE 5977 153.331765 0.028386 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 42 46 46 03
156 1, 5995: DTE 5995 153.430982 0.028412 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 42 46 46 03
157 1, 6013: DTE 6013 153.530012 0.028223 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 42 46 46 03
158 1, 6031: DTE 6031 153.629368 0.028386 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 42 46 46 03
159 1, 6049: DTE 6049 153.728420 0.028244 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 42 46 46 03
160
161 Stop
162 1, 6067: DTE 6067 153.841686 0.042293 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
163 1, 6085: DTE 6085 154.109501 0.197007 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
164 1, 6103: DTE 6103 154.377367 0.197061 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
165
166 1, 6121: DTE 6121 164.721224 10.273055 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 43 46 46 03
167 1, 6139: DTE 6139 164.820439 0.028413 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 43 46 46 03
168
169 Right-Down
170 1, 6157: DTE 6157 164.920623 0.029377 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 44 46 46 03
171 1, 6175: DTE 6175 165.018877 0.027450 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 44 46 46 03
172 1, 6193: DTE 6193 165.118044 0.028361 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 44 46 46 03
173 < 25 identical lines were deleted here >
174 1, 6661: DTE 6661 167.697290 0.028329 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 44 46 46 03
175 1, 6679: DTE 6679 167.796532 0.028437 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 44 46 46 03
176 1, 6697: DTE 6697 167.895701 0.028361 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 44 46 46 03
177 1, 6715: DTE 6715 167.994945 0.028438 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 44 46 46 03
178 1, 6733: DTE 6733 168.094138 0.028387 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 44 46 46 03
179
180 Stop
181 1, 6751: DTE 6751 168.207212 0.042268 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
182 1, 6769: DTE 6769 168.475078 0.197060 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
183 1, 6787: DTE 6787 168.742893 0.197177 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
184
185 1, 6805: DTE 6805 179.434014 10.620320 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 45 46 46 03
186 1, 6823: DTE 6823 179.533205 0.028388 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 45 46 46 03
187 1, 6841: DTE 6841 179.631406 0.027397 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 45 46 46 03
188
189 Down-Left
190 1, 6859: DTE 6859 179.734561 0.032348 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 46 46 46 03
191 1, 6877: DTE 6877 179.833776 0.028385 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 46 46 46 03
192 1, 6895: DTE 6895 179.932994 0.028411 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 46 46 46 03
193 < 25 identical lines were deleted here >
194 1, 7363: DTE 7363 182.512241 0.028361 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 46 46 46 03
195 1, 7381: DTE 7381 182.611487 0.028439 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 46 46 46 03
196 1, 7399: DTE 7399 182.710679 0.028388 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 46 46 46 03
197 1, 7417: DTE 7417 182.809844 0.028359 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 46 46 46 03
198 1, 7435: DTE 7435 182.909088 0.028434 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 46 46 46 03
199 1, 7453: DTE 7453 183.008255 0.028359 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 46 46 46 03
200
201 Stop
202 1, 7471: DTE 7471 183.117399 0.038337 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
203 1, 7489: DTE 7489 183.385264 0.197060 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
204 1, 7507: DTE 7507 183.653078 0.197009 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
205
206 1, 7525: DTE 7525 193.897768 10.173888 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 41 46 46 03
207
208 Left-Up
209 1, 7543: DTE 7543 193.995994 0.027423 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 39 46 46 03
210 1, 7561: DTE 7561 194.095186 0.028386 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 39 46 46 03
211 1, 7579: DTE 7579 194.194353 0.028361 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 39 46 46 03
212 < 30 identical lines were deleted here >
213 1, 8137: DTE 8137 197.269666 0.028411 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 39 46 46 03

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214      1,      8155: DTE 8155 197.368859 0.028387 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 39 46 46 03
215      1,      8173: DTE 8173 197.468078 0.028412 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 39 46 46 03
216      1,      8191: DTE 8191 197.567270 0.028386 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 39 46 46 03
217
218      1,      8209: DTE 8209 197.671476 0.033399 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 41 46 46 03
219
220 Stop
221      1,      8227: DTE 8227 197.784537 0.042267 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
222      1,      8245: DTE 8245 198.052350 0.197008 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
223      1,      8263: DTE 8263 198.320215 0.197061 02 41 44 30 32 3b 47 43 37 3a 39 30 32 38 31 30 30 03
224
225
226 # There were a total of      8280 bytes transferred
227
228 # There were a total of          0 DCE bytes transferred
229 # The first DCE byte came in at 0.000000 seconds from the start of data collection
230 # The last DCE byte was at 0.000000 seconds from the start of data collection
231
232 # There were a total of      8280 DTE bytes transferred
233 # The first DTE byte came in at 0.000000 seconds from the start of data collection
234 # The last DTE byte was at 198.391019 seconds from the start of data collection
235

```

8 Frastrk, Hitron (Fastrak II) Protocol

```

1 # $ Header: d:/Binder0/RCS/MsQ.1,v 1.1 2008-09-12 14:26:31-07 Hamilton Exp Hamilton $
2 # $Header: d:/Binder7/SecuriTEST/RCS/09APR27u.cln,v 1.2 2009-05-01 13:08:11-07 Hamilton Exp Hamilton $
3 # Mon Apr 27 14:49:25 2009
4
5 # Fastrak, Hitron (Fastrak II)
6
7 # FTS capture buffer (4/27/2009 1:09:37 PM)
8 # Event 1 (4/27/2009 1:04:21.501687 PM) through
9 # Event 4,455 (4/27/2009 1:07:44.667381 PM)
10
11 # Arithmetic checksum of bytes 1 --> 7 (a5 + 02 + 10 + 04 + 88 + 55 = 198)
12
13 Far
14 1, 1: DTE 1 0.000000 0.000000 00 a5 02 10 04 88 55 98 00
15 1, 10: DTE 10 0.099217 0.065914 00 a5 02 10 04 88 55 98 00
16 1, 19: DTE 19 0.198410 0.065862 00 a5 02 10 04 88 55 98 00
17 < 25 identical lines were deleted here >
18 1, 253: DTE 253 2.777518 0.065725 00 a5 02 10 04 88 55 98 00
19 1, 262: DTE 262 2.876899 0.065914 00 a5 02 10 04 88 55 98 00
20 1, 271: DTE 271 2.976067 0.065863 00 a5 02 10 04 88 55 98 00
21 1, 280: DTE 280 3.075315 0.065916 00 a5 02 10 04 88 55 98 00
22 1, 289: DTE 289 3.174477 0.065860 00 a5 02 10 04 88 55 98 00
23 1, 298: DTE 298 3.273671 0.065861 00 a5 02 10 04 88 55 98 00
24
25 Stop
26 1, 307: DTE 307 3.382784 0.075781 00 a5 02 10 0d 88 55 a1 00
27 1, 316: DTE 316 3.612968 0.196850 00 a5 02 10 0d 88 55 a1 00
28 1, 325: DTE 325 3.843101 0.196967 00 a5 02 10 0d 88 55 a1 00
29
30 Near
31 1, 334: DTE 334 15.260345 11.383942 00 a5 02 10 03 88 55 97 00
32 1, 343: DTE 343 15.359586 0.065914 00 a5 02 10 03 88 55 97 00
33 1, 352: DTE 352 15.458782 0.065863 00 a5 02 10 03 88 55 97 00
34 < 25 identical lines were deleted here >
35 1, 586: DTE 586 18.038023 0.065860 00 a5 02 10 03 88 55 97 00
36 1, 595: DTE 595 18.137241 0.065911 00 a5 02 10 03 88 55 97 00
37 1, 604: DTE 604 18.236435 0.065860 00 a5 02 10 03 88 55 97 00
38 1, 613: DTE 613 18.335655 0.065904 00 a5 02 10 03 88 55 97 00
39 1, 622: DTE 622 18.434845 0.065859 00 a5 02 10 03 88 55 97 00
40
41 Stop
42 1, 631: DTE 631 18.543961 0.075782 00 a5 02 10 0d 88 55 a1 00
43 1, 640: DTE 640 18.774094 0.196801 00 a5 02 10 0d 88 55 a1 00
44 1, 649: DTE 649 19.004275 0.196852 00 a5 02 10 0d 88 55 a1 00
45
46 Tele
47 1, 658: DTE 658 29.497926 10.460346 00 a5 02 10 0e 88 55 a2 00
48 1, 667: DTE 667 29.597144 0.065915 00 a5 02 10 0e 88 55 a2 00
49 1, 676: DTE 676 29.696229 0.065754 00 a5 02 10 0e 88 55 a2 00
50 < 30 identical lines were deleted here >
51 1, 955: DTE 955 32.771651 0.065916 00 a5 02 10 0e 88 55 a2 00
52 1, 964: DTE 964 32.870789 0.065836 00 a5 02 10 0e 88 55 a2 00
53 1, 973: DTE 973 32.970061 0.065913 00 a5 02 10 0e 88 55 a2 00
54 1, 982: DTE 982 33.069252 0.065860 00 a5 02 10 0e 88 55 a2 00
55
56 Stop
57 1, 991: DTE 991 33.178366 0.075807 00 a5 02 10 0d 88 55 a1 00
58 1, 1000: DTE 1000 33.408498 0.196799 00 a5 02 10 0d 88 55 a1 00
59 1, 1009: DTE 1009 33.638657 0.197021 00 a5 02 10 0d 88 55 a1 00
60
61 Wide
62 1, 1018: DTE 1018 44.728556 11.056614 00 a5 02 10 0c 88 55 a0 00
63 1, 1027: DTE 1027 44.827720 0.065862 00 a5 02 10 0c 88 55 a0 00
64 1, 1036: DTE 1036 44.926965 0.065912 00 a5 02 10 0c 88 55 a0 00
65 < 30 identical lines were deleted here >
66 1, 1315: DTE 1315 48.002226 0.065860 00 a5 02 10 0c 88 55 a0 00
67 1, 1324: DTE 1324 48.101471 0.065938 00 a5 02 10 0c 88 55 a0 00
68 1, 1333: DTE 1333 48.200637 0.065859 00 a5 02 10 0c 88 55 a0 00
69

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70 Stop
71 1, 1342: DTE 1342 48.309784 0.075813 00 a5 02 10 0d 88 55 a1 00
72 1, 1351: DTE 1351 48.539887 0.196847 00 a5 02 10 0d 88 55 a1 00
73 1, 1360: DTE 1360 48.770068 0.196845 00 a5 02 10 0d 88 55 a1 00
74
75 Open
76 1, 1369: DTE 1369 59.407572 10.604176 00 a5 02 10 06 55 55 67 00
77
78 Stop
79 1, 1378: DTE 1378 63.284405 3.843531 00 a5 02 10 0d 88 55 a1 00
80
81 Close
82 1, 1387: DTE 1387 74.958592 11.640868 00 a5 02 10 05 55 55 66 00
83
84 Stop
85 1, 1396: DTE 1396 78.756096 3.764176 00 a5 02 10 0d 88 55 a1 00
86
87 Up
88 1, 1405: DTE 1405 90.158466 11.369070 00 a5 02 10 0d 8f 55 a8 00
89 1, 1414: DTE 1414 90.256640 0.064872 00 a5 02 10 0d 8f 55 a8 00
90 1, 1423: DTE 1423 90.355885 0.065913 00 a5 02 10 0d 8f 55 a8 00
91 < 30 identical lines were deleted here >
92 1, 1702: DTE 1702 93.431148 0.065863 00 a5 02 10 0d 8f 55 a8 00
93 1, 1711: DTE 1711 93.530338 0.065860 00 a5 02 10 0d 8f 55 a8 00
94 1, 1720: DTE 1720 93.629558 0.065914 00 a5 02 10 0d 8f 55 a8 00
95 1, 1729: DTE 1729 93.728585 0.065696 00 a5 02 10 0d 8f 55 a8 00
96
97 Stop
98 1, 1738: DTE 1738 93.837868 0.075972 00 a5 02 10 0d 88 55 a1 00
99 1, 1747: DTE 1747 94.068049 0.196850 00 a5 02 10 0d 88 55 a1 00
100 1, 1756: DTE 1756 94.298180 0.196826 00 a5 02 10 0d 88 55 a1 00
101
102 Right
103 1, 1765: DTE 1765 106.031882 11.700399 00 a5 02 10 0d f8 55 11 00
104 1, 1774: DTE 1774 106.131098 0.065914 00 a5 02 10 0d f8 55 11 00
105 1, 1783: DTE 1783 106.230291 0.065862 00 a5 02 10 0d f8 55 11 00
106 < 30 identical lines were deleted here >
107 1, 2062: DTE 2062 109.305554 0.065864 00 a5 02 10 0d f8 55 11 00
108 1, 2071: DTE 2071 109.404771 0.065913 00 a5 02 10 0d f8 55 11 00
109 1, 2080: DTE 2080 109.503963 0.065861 00 a5 02 10 0d f8 55 11 00
110 1, 2089: DTE 2089 109.603210 0.065915 00 a5 02 10 0d f8 55 11 00
111 1, 2098: DTE 2098 109.702376 0.065862 00 a5 02 10 0d f8 55 11 00
112
113 Stop
114 1, 2107: DTE 2107 109.811439 0.075733 00 a5 02 10 0d 88 55 a1 00
115 1, 2116: DTE 2116 110.041684 0.196863 00 a5 02 10 0d 88 55 a1 00
116 1, 2125: DTE 2125 110.271804 0.196800 00 a5 02 10 0d 88 55 a1 00
117
118 Down
119 1, 2134: DTE 2134 121.355766 11.050631 00 a5 02 10 0d 81 55 9a 00
120 1, 2143: DTE 2143 121.454930 0.065860 00 a5 02 10 0d 81 55 9a 00
121 1, 2152: DTE 2152 121.554123 0.065896 00 a5 02 10 0d 81 55 9a 00
122 < 30 identical lines were deleted here >
123 1, 2476: DTE 2476 125.125454 0.065861 00 a5 02 10 0d 81 55 9a 00
124 1, 2485: DTE 2485 125.224619 0.065861 00 a5 02 10 0d 81 55 9a 00
125 1, 2494: DTE 2494 125.323697 0.065744 00 a5 02 10 0d 81 55 9a 00
126 1, 2503: DTE 2503 125.423036 0.065865 00 a5 02 10 0d 81 55 9a 00
127
128 Stop
129 1, 2512: DTE 2512 125.532170 0.075808 00 a5 02 10 0d 88 55 a1 00
130 1, 2521: DTE 2521 125.762329 0.196852 00 a5 02 10 0d 88 55 a1 00
131 1, 2530: DTE 2530 125.992460 0.196800 00 a5 02 10 0d 88 55 a1 00
132
133 Left
134 1, 2539: DTE 2539 137.449390 11.423601 00 a5 02 10 0d 18 55 31 00
135 1, 2548: DTE 2548 137.547592 0.064873 00 a5 02 10 0d 18 55 31 00
136 1, 2557: DTE 2557 137.646811 0.065914 00 a5 02 10 0d 18 55 31 00
137 < 30 identical lines were deleted here >
138 1, 2836: DTE 2836 140.722070 0.065860 00 a5 02 10 0d 18 55 31 00
139 1, 2845: DTE 2845 140.821315 0.065912 00 a5 02 10 0d 18 55 31 00
140 1, 2854: DTE 2854 140.920507 0.065860 00 a5 02 10 0d 18 55 31 00
141 1, 2863: DTE 2863 141.019673 0.065859 00 a5 02 10 0d 18 55 31 00

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142      1,      2872: DTE 2872 141.118918 0.065911 00 a5 02 10 0d 18 55 31 00
143      1,      2881: DTE 2881 141.218007 0.065782 00 a5 02 10 0d 18 55 31 00
144      1,      2890: DTE 2890 141.317330 0.065965 00 a5 02 10 0d 18 55 31 00
145
146 Stop
147      1,      2899: DTE 2899 141.426445 0.075808 00 a5 02 10 0d 88 55 a1 00
148      1,      2908: DTE 2908 141.656578 0.196800 00 a5 02 10 0d 88 55 a1 00
149      1,      2917: DTE 2917 141.886760 0.196851 00 a5 02 10 0d 88 55 a1 00
150
151      1,      2926: DTE 2926 152.449862 10.529797 00 a5 02 10 0d f8 55 11 00
152
153 Up-Right
154      1,      2935: DTE 2935 152.549026 0.065859 00 a5 02 10 0d ff 55 18 00
155      1,      2944: DTE 2944 152.648271 0.065912 00 a5 02 10 0d ff 55 18 00
156      1,      2953: DTE 2953 152.747438 0.065858 00 a5 02 10 0d ff 55 18 00
157 < 35 identical lines were deleted here >
158      1,      3277: DTE 3277 156.318768 0.065913 00 a5 02 10 0d ff 55 18 00
159      1,      3286: DTE 3286 156.417963 0.065864 00 a5 02 10 0d ff 55 18 00
160      1,      3295: DTE 3295 156.517127 0.065861 00 a5 02 10 0d ff 55 18 00
161
162 Stop
163      1,      3304: DTE 3304 156.626267 0.075807 00 a5 02 10 0d 88 55 a1 00
164      1,      3313: DTE 3313 156.856288 0.196706 00 a5 02 10 0d 88 55 a1 00
165      1,      3322: DTE 3322 157.086556 0.196800 00 a5 02 10 0d 88 55 a1 00
166
167      1,      3331: DTE 3331 168.547446 11.427560 00 a5 02 10 0d f8 55 11 00
168      1,      3340: DTE 3340 168.646688 0.065914 00 a5 02 10 0d f8 55 11 00
169      1,      3349: DTE 3349 168.745879 0.065858 00 a5 02 10 0d f8 55 11 00
170      1,      3358: DTE 3358 168.845097 0.065911 00 a5 02 10 0d f8 55 11 00
171
172 Right-Down
173      1,      3367: DTE 3367 168.944292 0.066025 00 a5 02 10 0d f1 55 0a 00
174      1,      3376: DTE 3376 169.043457 0.065859 00 a5 02 10 0d f1 55 0a 00
175      1,      3385: DTE 3385 169.142703 0.066043 00 a5 02 10 0d f1 55 0a 00
176 < 20 identical lines were deleted here >
177      1,      3574: DTE 3574 171.225932 0.065860 00 a5 02 10 0d f1 55 0a 00
178      1,      3583: DTE 3583 171.325178 0.065913 00 a5 02 10 0d f1 55 0a 00
179      1,      3592: DTE 3592 171.424344 0.065862 00 a5 02 10 0d f1 55 0a 00
180      1,      3601: DTE 3601 171.523589 0.065914 00 a5 02 10 0d f1 55 0a 00
181      1,      3610: DTE 3610 171.622718 0.065823 00 a5 02 10 0d f1 55 0a 00
182      1,      3619: DTE 3619 171.721949 0.065876 00 a5 02 10 0d f1 55 0a 00
183      1,      3628: DTE 3628 171.821196 0.065915 00 a5 02 10 0d f1 55 0a 00
184
185      1,      3637: DTE 3637 171.920364 0.065866 00 a5 02 10 0d f8 55 11 00
186
187 Stop
188      1,      3646: DTE 3646 172.029501 0.075810 00 a5 02 10 0d 88 55 a1 00
189      1,      3655: DTE 3655 172.259659 0.196853 00 a5 02 10 0d 88 55 a1 00
190      1,      3664: DTE 3664 172.489795 0.196806 00 a5 02 10 0d 88 55 a1 00
191
192      1,      3673: DTE 3673 183.236407 10.713450 00 a5 02 10 0d 81 55 9a 00
193      1,      3682: DTE 3682 183.335651 0.065916 00 a5 02 10 0d 81 55 9a 00
194      1,      3691: DTE 3691 183.434842 0.065887 00 a5 02 10 0d 81 55 9a 00
195
196 Down-Left
197      1,      3700: DTE 3700 183.534062 0.065913 00 a5 02 10 0d 11 55 2a 00
198      1,      3709: DTE 3709 183.633254 0.065851 00 a5 02 10 0d 11 55 2a 00
199      1,      3718: DTE 3718 183.732420 0.065861 00 a5 02 10 0d 11 55 2a 00
200 < 30 identical lines were deleted here >
201      1,      3997: DTE 3997 186.807734 0.065915 00 a5 02 10 0d 11 55 2a 00
202      1,      4006: DTE 4006 186.906762 0.065697 00 a5 02 10 0d 11 55 2a 00
203      1,      4015: DTE 4015 187.006145 0.065914 00 a5 02 10 0d 11 55 2a 00
204
205      1,      4024: DTE 4024 187.105339 0.065864 00 a5 02 10 0d 81 55 9a 00
206
207 Stop
208      1,      4033: DTE 4033 187.214452 0.075783 00 a5 02 10 0d 88 55 a1 00
209      1,      4042: DTE 4042 187.444637 0.196853 00 a5 02 10 0d 88 55 a1 00
210      1,      4051: DTE 4051 187.674768 0.196801 00 a5 02 10 0d 88 55 a1 00
211
212      1,      4060: DTE 4060 198.595032 10.886956 00 a5 02 10 0d 8f 55 a8 00
213

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214 Left-Up
215 1, 4069: DTE 4069 198.694194 0.065859 00 a5 02 10 0d 1f 55 38 00
216 1, 4078: DTE 4078 198.793440 0.065914 00 a5 02 10 0d 1f 55 38 00
217 1, 4087: DTE 4087 198.892606 0.065860 00 a5 02 10 0d 1f 55 38 00
218 < 30 identical lines were deleted here >
219 1, 4366: DTE 4366 201.967871 0.065865 00 a5 02 10 0d 1f 55 38 00
220 1, 4375: DTE 4375 202.067113 0.065914 00 a5 02 10 0d 1f 55 38 00
221 1, 4384: DTE 4384 202.166306 0.065861 00 a5 02 10 0d 1f 55 38 00
222 1, 4393: DTE 4393 202.265522 0.065911 00 a5 02 10 0d 1f 55 38 00
223 1, 4402: DTE 4402 202.364778 0.065922 00 a5 02 10 0d 1f 55 38 00
224 1, 4411: DTE 4411 202.463884 0.065861 00 a5 02 10 0d 1f 55 38 00
225
226 1, 4420: DTE 4420 202.563131 0.065915 00 a5 02 10 0d 8f 55 a8 00
227
228 1, 4429: DTE 4429 202.672242 0.075808 00 a5 02 10 0d 88 55 a1 00
229 1, 4438: DTE 4438 202.902374 0.196799 00 a5 02 10 0d 88 55 a1 00
230 1, 4447: DTE 4447 203.132558 0.197017 00 a5 02 10 0d 88 55 a1 00
231
232 # There were a total of 4455 bytes transferred
233
234 # There were a total of 0 DCE bytes transferred
235 # The first DCE byte came in at 0.000000 seconds from the start of data collection
236 # The last DCE byte was at 0.000000 seconds from the start of data collection
237
238 # There were a total of 4455 DTE bytes transferred
239 # The first DTE byte came in at 0.000000 seconds from the start of data collection
240 # The last DTE byte was at 203.165694 seconds from the start of data collection
241

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