


Simplex Point's

To build a FieldServer configuration a list of points needs to be configured. This requires knowledge of the Points Hardware Reference in card-point-subpoint format. Unfortunately the point 'name' looks similar to a Hardware Reference but cannot be used. The following notes outline where the required information can be found using the Simplex Programming Software or from one of the reports produced by the software.

Extract from a report with appropriate Hardware Addresses for FieldServer configuration

System Points Summary

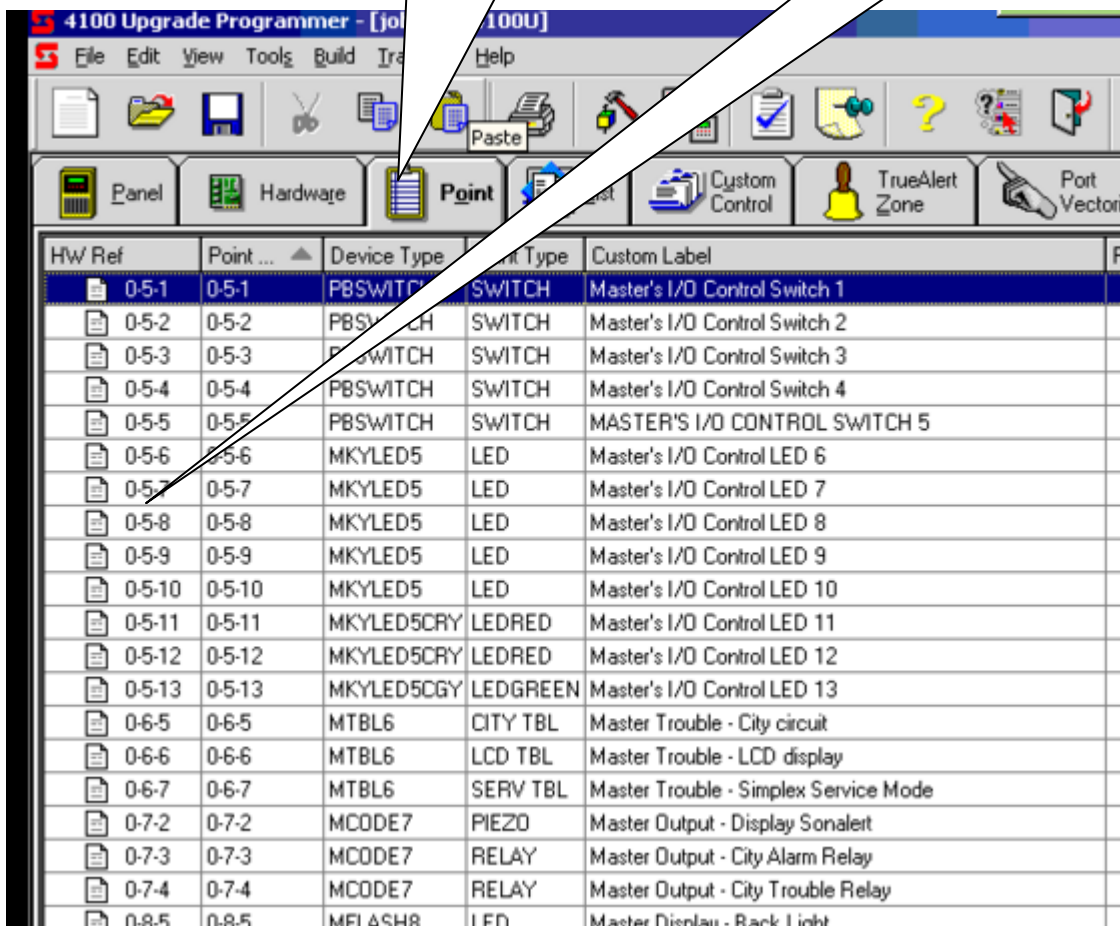


HW Ref	Point Name	Device Type	Point Type	Custom Label
0-5-1	0-5-1	PBSWITCH	SWITCH	Master's I/O Control Switch 1
0-5-2	0-5-2	PBSWITCH	SWITCH	Master's I/O Control Switch 2
0-5-3	0-5-3	PBSWITCH	SWITCH	Master's I/O Control Switch 3
0-5-4	0-5-4	PBSWITCH	SWITCH	Master's I/O Control Switch 4
0-5-5	0-5-5	PBSWITCH	SWITCH	Master's I/O Control Switch 5
0-5-6	0-5-6	MKYLED5	LED	Master's I/O Control LED 6
0-5-7	0-5-7	MKYLED5	LED	Master's I/O Control LED 7
0-5-8	0-5-8	MKYLED5	LED	Master's I/O Control LED 8
0-5-9	0-5-9	MKYLED5	LED	Master's I/O Control LED 9
0-5-10	0-5-10	MKYLED5	LED	Master's I/O Control LED 10
0-5-11	0-5-11	MKYLED5CRY	LEDRED	Master's I/O Control LED 11
0-5-12	0-5-12	MKYLED5CRY	LEDRED	Master's I/O Control LED 12
0-5-13	0-5-13	MKYLED5CGY	LEDGREEN	Master's I/O Control LED 13
0-6-5	0-6-5	MTBL6	CITY TBL	Master Trouble - City circuit
0-6-6	0-6-6	MTBL6	LCD TBL	Master Display Status

1. Open File

3. Click 'Points'

2. Use HW Ref column for c-p-s information required for FieldServer configuration.



The screenshot shows the '4100 Upgrade Programmer' software interface. The 'Point' tab is selected in the top toolbar. Below the toolbar is a table with the following columns: HW Ref, Point Name, Device Type, Point Type, and Custom Label. The table contains 20 rows of data, each representing a hardware reference and its corresponding point name and type.

HW Ref	Point ...	Device Type	Point Type	Custom Label
0-5-1	0-5-1	PBSWITCH	SWITCH	Master's I/O Control Switch 1
0-5-2	0-5-2	PBSWITCH	SWITCH	Master's I/O Control Switch 2
0-5-3	0-5-3	PBSWITCH	SWITCH	Master's I/O Control Switch 3
0-5-4	0-5-4	PBSWITCH	SWITCH	Master's I/O Control Switch 4
0-5-5	0-5-5	PBSWITCH	SWITCH	MASTER'S I/O CONTROL SWITCH 5
0-5-6	0-5-6	MKYLE5	LED	Master's I/O Control LED 6
0-5-7	0-5-7	MKYLE5	LED	Master's I/O Control LED 7
0-5-8	0-5-8	MKYLE5	LED	Master's I/O Control LED 8
0-5-9	0-5-9	MKYLE5	LED	Master's I/O Control LED 9
0-5-10	0-5-10	MKYLE5	LED	Master's I/O Control LED 10
0-5-11	0-5-11	MKYLE5CRY	LEDRED	Master's I/O Control LED 11
0-5-12	0-5-12	MKYLE5CRY	LEDRED	Master's I/O Control LED 12
0-5-13	0-5-13	MKYLE5CGY	LEDGREEN	Master's I/O Control LED 13
0-6-5	0-6-5	MTBL6	CITY TBL	Master Trouble - City circuit
0-6-6	0-6-6	MTBL6	LCD TBL	Master Trouble - LCD display
0-6-7	0-6-7	MTBL6	SERV TBL	Master Trouble - Simplex Service Mode
0-7-2	0-7-2	MCODE7	PIEZO	Master Output - Display Sonalert
0-7-3	0-7-3	MCODE7	RELAY	Master Output - City Alarm Relay
0-7-4	0-7-4	MCODE7	RELAY	Master Output - City Trouble Relay
0-8-5	0-8-5	MFLASHR	LED	Master Display - Back Light

Cannot use 'Point Name' (2nd column). The HW Ref will always be unique. Some Point names look like HW Refs but are not .

There is no (implied or otherwise) relationship between a point name and a hardware reference. A point name consists of a tag similar to this one; "M4-1-1", In this example all we can tell is that this point is on the 4th mapnet device added to the system. A hardware reference is declared in a manner similar to this one; "1-1-0" and is used to indicate c-p-s (card-point-subpoint). The hardware reference is absolute and is based on the position/location in the hardware bays.

When an event occurs a message with the hardware reference is produced. Based on the notes above you can see that it is impossible to produce a configuration unless the mapping file provided by the customer contains hardware references. I cannot find a 'report' which can be produced by the 4100 programmer software which provides the information required.