

Sensor Naming Conventions

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The Current naming conventions are as following:

Each sensor has the following data associated with it:

- Hot or Cold side
- Row Letter
- Rack Number
- Top, or Middle of rack
- Offset from origin point (X,Y)

The format can be described by this regular expression:

```
\d\d\d\d\d\d\d:[H|C]-[A-Z]\d\d?-[T|M]
```

Example:

135x200:H-F10-M

The sensor is located at (135,200), on the hot isle, row F, rack 10, in the middle

Room B & C can be named in the same way (use a different origin point for each)

This format can be adapted in the following ways for UPS, network, and electrical rooms

- Each room has their own origin point
- Hot and cold sensors carry different thresholds. If a room needs two sets of thresholds it can use both hot and cold, but if it doesn't then all sensors should use the same marking.
- Sensors should use a rack letter and rack number that makes sense for the room they are in. Letters and numbers could take on different meanings in the different rooms; it doesn't have to mean "rack". As long as the name has one letter and a single or double digit number it is valid.
- Due to how the values are drawn on the image map, (and other legacy issues), all sensors need to be designated "top" regardless of how high off the ground they are.