Procedure for Software Tags

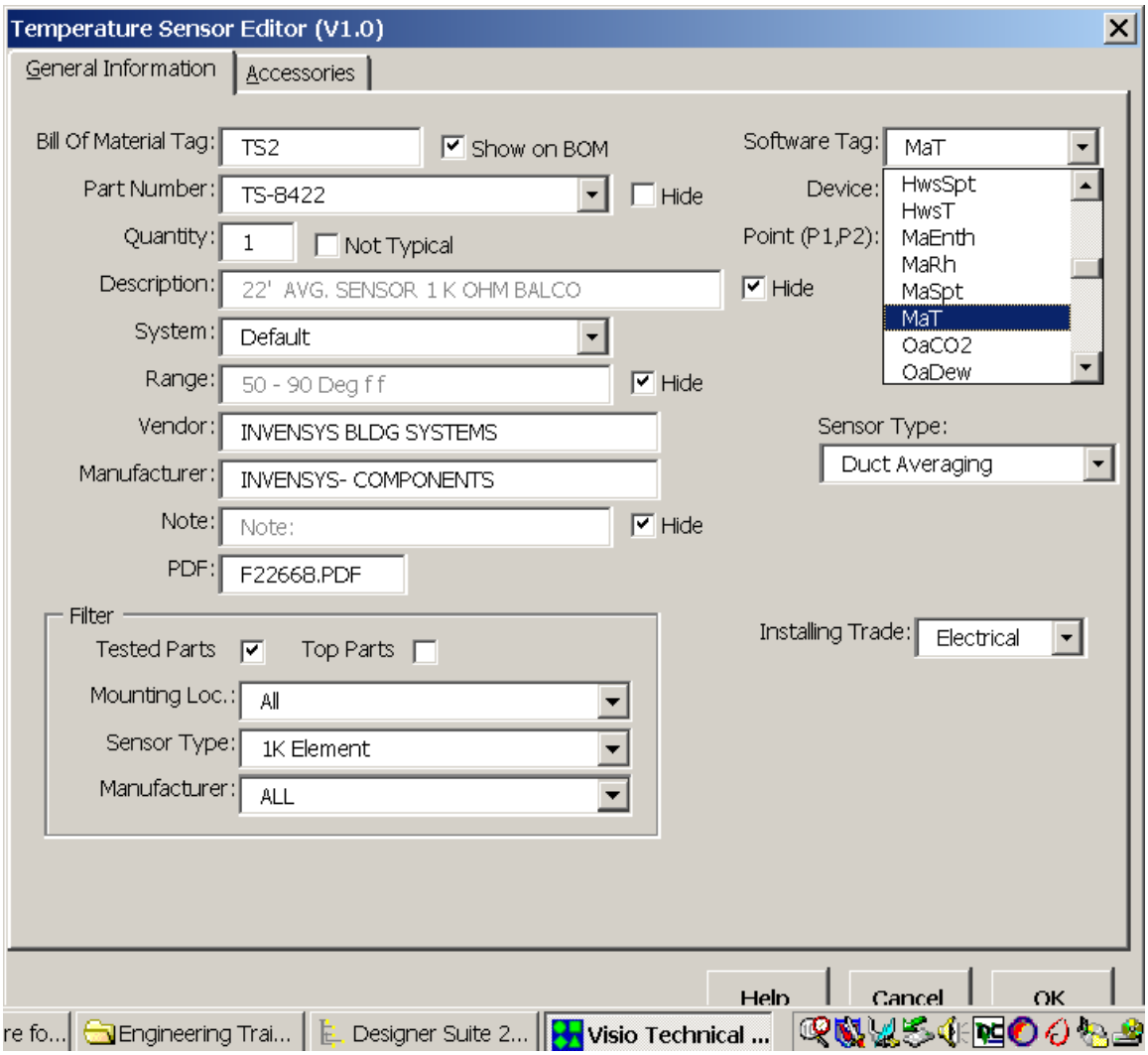
Standard Engineering Practices

Document: 4.1
Date 3-12-02
Supersedes:

As part of the Standard Practices, **Invensys Field Offices will use the naming conventions shown on the"Software Standard Tags"** document.

A few of the benefits of using Standard tagging are:

1. Names can be attached quickly with less errors since they will be found in the pull down menu.



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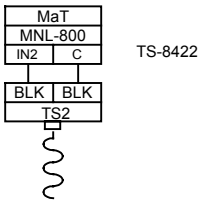
2. Hardware drawings can be shared without it being necessary to go thru and edit the tagging.
3. Software can be shared. You will be able to use an existing program without having to edit the point naming on the software drawings or actual database.
4. With standard tagging guidelines, initial product applications can be created to coordinate with field office practices.
5. Improved productivity due to familiarity. Less time will be spent trying to identify points.

Example:

You are using a mixed air temperature sensor on an AHU.

Analog Inputs

Type	Tag Name	Description	Units - English	Units - Metric	Decimal Place Sensor	Decimal Place (GUI)
AI	MaT	Mixed Air Temperature	°F	°C	0	1



The "Decimal Place Sensor" column is only used for devices that actually have local indication. This would indicate that no decimal places should be shown at the mixed air sensor.

The "Decimal Place (GUI)" column is used to indicate the decimal places that should be indicated on your Graphic.

Discharge versus Supply Air Temp

When indicating the temperature leaving an AHU, use Discharge (DaT) in lieu of Supply (SaT) since in many cases air is reheated at VAVs, Reheats etc. Use Supply (SaT) for VAV boxes and zone reheats.

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Unique Tagging

In some cases, it may be necessary to create a tag that does not exist on the standard chart. Use the suggested Prefixes and Suffixes whenever possible.

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