CONNECT

Scorecard Report from a Watchdog
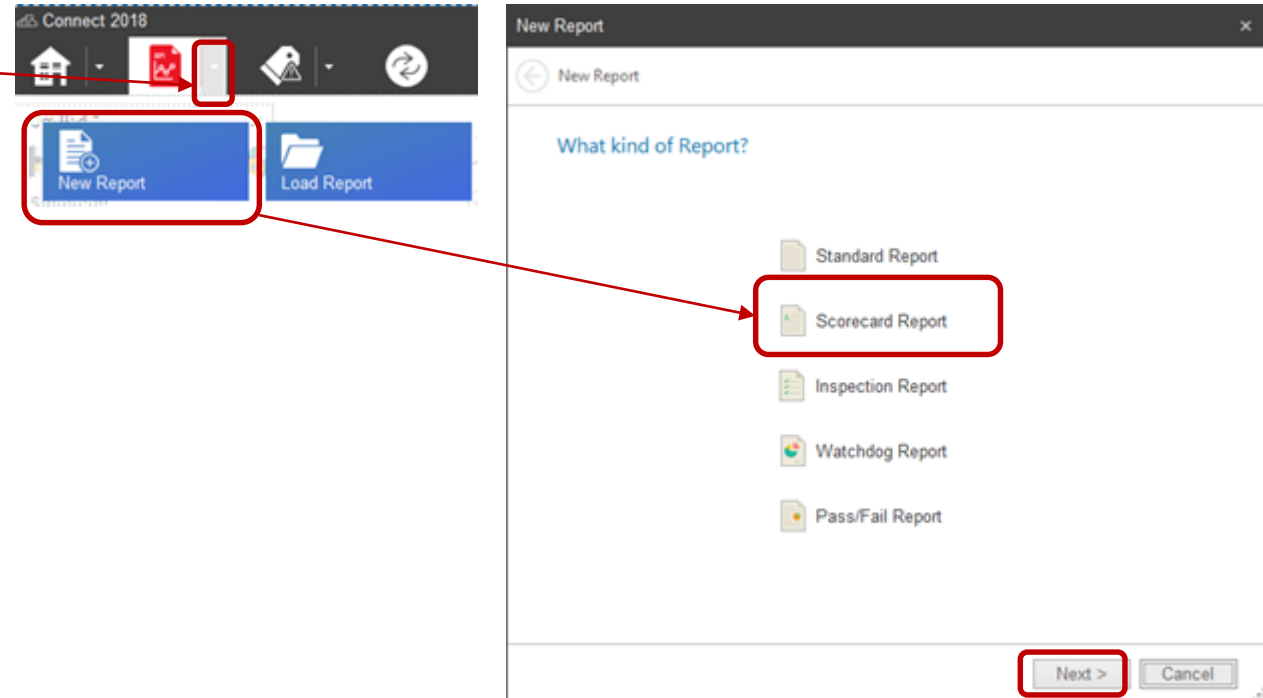
KEY2ACT

Scorecard Report from a Watchdog

Choose the drop-down arrow to the right of the Reports icon.

Choose the New Report icon.

In the New Report window, choose *Scorecard Report*.

Click *Finish.*

KEY2ACT

Scorecard Report from a Watchdog

If you choose the From Watchdog option, the scoring will be copied from the Watchdog.

Click on the dropdown arrow.
Select the desired watchdog to report.

Click *Finish.*

New Report   ✕

← New Report

What type of Scorecard Report?

○ From Profile   (None) ▼

◉ From Watchdog   VAV_Inspection_ItemsWD   ▼

Name	Description
⚠ (None)	
📁 Amli_Lofts	Watchdog Container
📁 CHW-HW_Systems	Watchdog Container
📁 AHU	Watchdog Container
📁 VAV	Watchdog Container
⚠ VAV_Inspection_It...	Vav Inspection Items Watchdog
📁 MAU	Watchdog Container
📁 FCU	Watchdog Container
📁 Cypress_Plaza	Watchdog Container
📁 Sudbury_Bldg	Watchdog Container
⚠ ESMS_Test	ESMS_Test

Finish   Cancel

✕

KEY2ACT

Scorecard Report from a Watchdog

The Profile Objects tab window opens.

Select the desired objects to report.

Note that the objects will display in the order that they were selected.

Do Not click OK on the Profile Objects window at this time.

Click on the *External Objects* tab.

KEY2ACT

Scorecard Report from a Watchdog
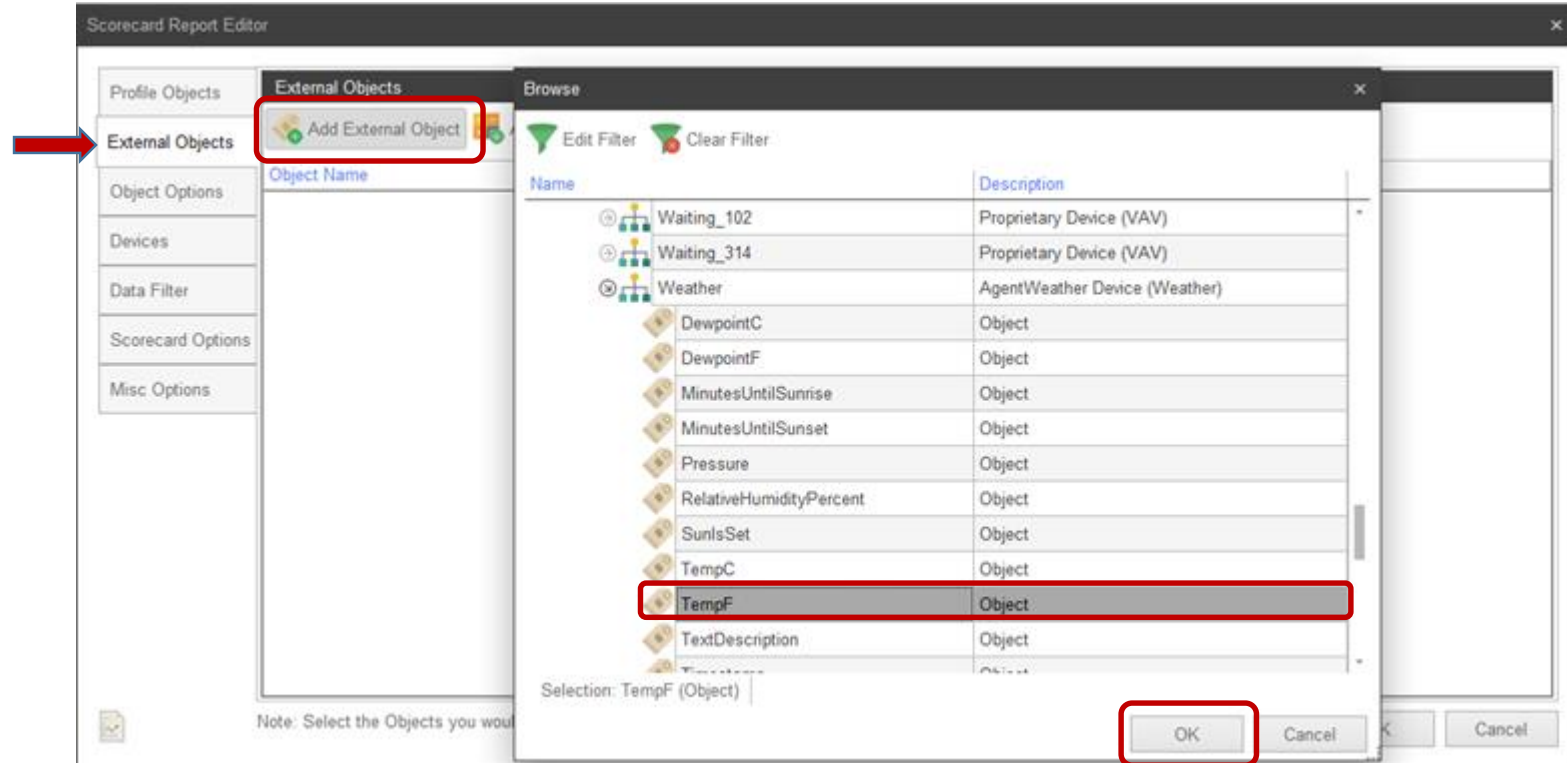
The External Objects tab window opens.
This tool allows the user to add an object from a different profile to this report. The example here is the Outside Air Temperature from a Weather service device.

Browse to and select the desired external object to add to the report.

Click *OK* on the Browse window.

Do <u>Not</u> click OK on the External Objects window at this time.

The next slide will display the Calculated Objects tool.

Scorecard Report from a Watchdog

The Add Calculated Object tab window opens.

This tool allows the user to add a object that is calculated from the expression created in the Edit Object window.

In this example the expression is calculating the absolute difference between the Space Temperature and the Active Space Temperature setpoint and storing the result in a new report object we have named Temp Error

Click *OK* on the Edit Object window.

Do <u>Not</u> click OK on the External Objects window at this time.

The next slide will display the External Objects results.
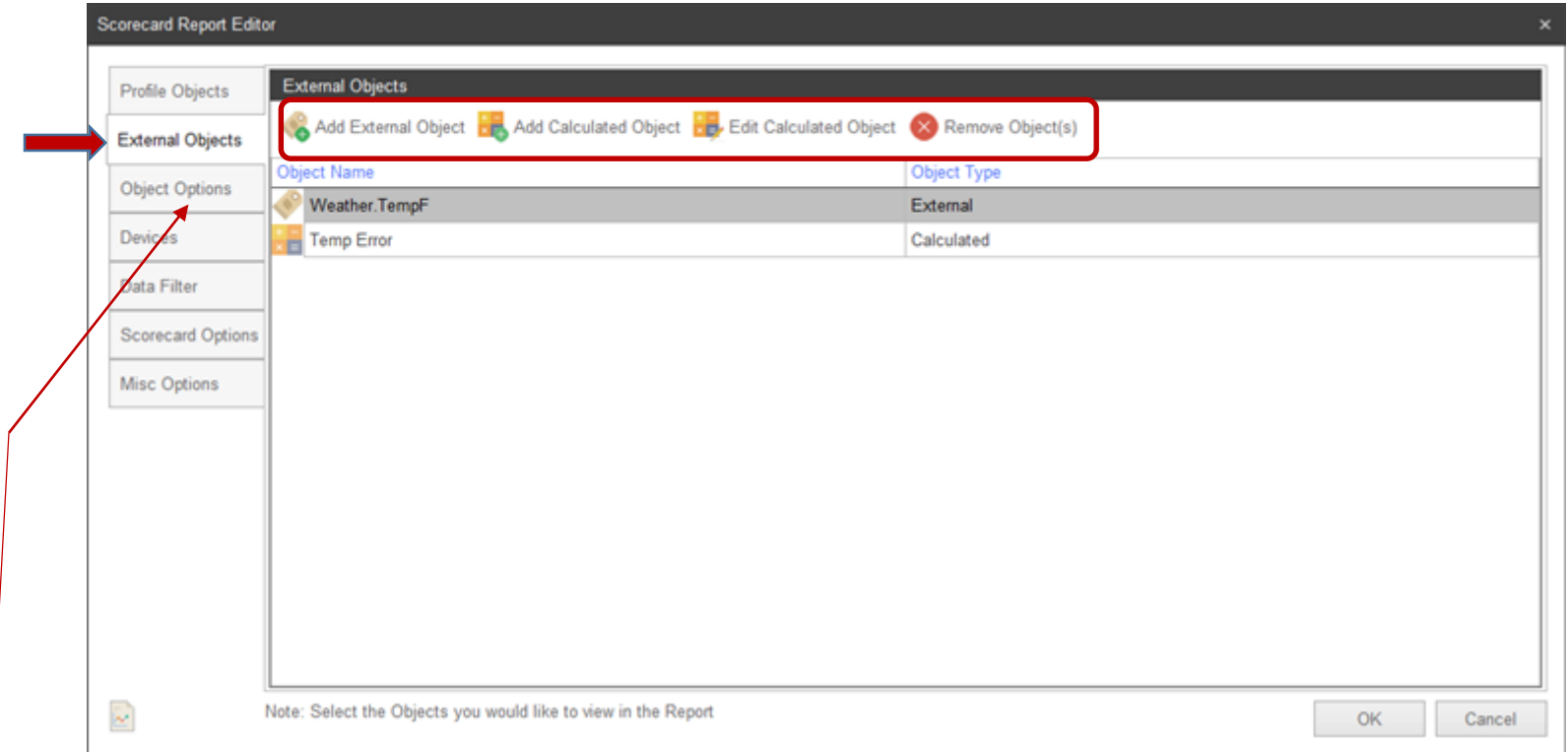

KEY2ACT

The External Objects window now displays 2 objects. One is the Outside Air temperature from the Weather device and the other is the calculated Space temperature and Space temperature setpoint absolute difference.

These objects will display in individual columns in the resulting report.

You may add more External Objects or Calculated Objects. You may edit existing calculated object. You may remove either.

Do Not click OK on the External Objects window at this time.

Click on the *Object Options* tab.

Scorecard Report from a Watchdog

The Object Options tab window opens.

This tool allows the set the order that objects will be displayed in this report.

The numbers on the right hand side are the order of display.

You may drag and drop any row using a left click and hold. Then move the pointer to the desired location and release the left mouse button.

The user may also assign a rows order assignment by left clicking in the Order cell and either swipe and type the new row number or use the up or down arrows.

Do <u>Not</u> click OK on the Object Objects window at this time.

Click on the *Devices* tab.

Scorecard Report Editor

Profile Objects	Object Options	
External Objects	Name	Order
Object Options	SpaceTemperatureActive	1
Devices	SpaceTemperatureSetpointActive	2
	OccupancyActive	3
Data Filter	AirFlowActive	4
	FlowSetpointActive	5
Scorecard Options	MaximumFlow	6
Misc Options	AirFlowSetptActiveMin	7
	AirValvePosition	8
	DischargeAirTemp	9
	HeatOutputSecondary	10
	CoolSetpointOccupied	11
	HeatSetpointOccupied	12
	CoolSetpointUnoccupied	13
	HeatSetpointUnoccupied	14
	Weather.TempF	15
	Temp Error	16

Note: Select the Objects you would like to view in the Report

OK   Cancel

KEY2ACT

Scorecard Report from a Watchdog

The Devices tab window opens.
This tool allows the user to select or deselect devices to be included in the report.

Expand the navigation tree nodes by clicking on the node arrows.

Devices containing the selected Profile from slide 3 will have been selected. The user may deselect a device they wish to be excluded.

Do <u>Not</u> click OK on the Devices window at this time.

Click on the *Data Filter* tab.

Scorecard Report Editor		×

Devices

Edit Filter   Clear Filter   Ungroup Devices

Tabs: Profile Objects, External Objects, Object Options, Devices, Data Filter, Scorecard Options, Misc Options

Name	Description	Profile
Agents	Agent Container	
Amli_Lofts	Agent	
1st_Floor_East_Corr	Admin Bldg 1st Floor East Corr	VAV
Admin_Asst_300	Admin Bldg Admin Asst 300	VAV
Attic_East	Admin Bldg Attic East	VAV
Attic_West	Admin Attic West	VAV
Bookstore_213_West	Admin Bldg Bookstore 213 West	VAV
Break_Room_321	Admin Bldg Break Room 321	VAV
Business_Office_138	Admin Bldg Business Office 138	VAV
Comer_Center_201	Admin Bldg Tutoring Center 201	VAV
Computer_Center_200	Admin Bldg Computer Center 200	VAV
Concourse_315_North	Admin Bldg Concourse 315 North	VAV
Concourse_315_South	Admin Bldg Concourse 315 South	VAV
Conference_119	Admin Bldg Classroom 119	VAV

☐ Select All

Note: Select the Objects you would like to view in the Report   OK   Cancel

Scorecard Report from a Watchdog

The Filter Criteria/Data Range window opens.
Note the upper section allows a custom expression
and the lower window defines the Date Range of the
report.

Click on the *Edit* in the upper section.

The Edit Filter Criteria window opens providing a tool
to construct an expression to define when the report
objects will be displayed.

In this example the report will display object values
when the OccupancyActive object returns a value of 1.
This will apply to each individual device.

After defining the desired expression click on *OK* in the
Edit Filter Criteria window.

Do Not click OK on the Filter Criteria/Date Range
window at this time.

Scorecard Report Editor

- Profile Objects
- External Objects
- Object Options
- Devices
- Data Filter
- Scorecard Options
- Misc Options

Filter Criteria

Edit...

Date Range

Description: Current Day

Date Range: 5/30/2018 12:00:00 AM
To
5/30/2018 1:45:05 PM

Note: Select the Objects you would like

Edit Filter Criteria

{OccupancyActive} = 1

| + | - | * | / | = | != | < | > | LIKE | is null | is not null | AND | OR | VAL |

Functions

(n)	ABS (n)
Ceiling(n)	DayOfWeek
Floor (n)	HourOfDay
Round (n)	TimeOfDay...
Case Builder...	

Stored Objects / Variables

CoolSetpointUnoccupied
DischargeAirTemp
FlowSetpointActive
HeatOutputSecondary
HeatSetpointOccupied
HeatSetpointUnoccupied
MaximumFlow
ModeActive
ModeHeatCool
OccupancyActive
PresentValue
SpaceTemperatureActive
SpaceTemperatureSetpointActive

OK   Cancel

The lower section of Filter Criteria window provides the user many options to set the Date Range the report will include.

Click on the *Edit* in the lower section.

The Date Range window opens.

The Relative Date Range option is set to the Current day by default. The user has the options identified with red arrows.
The Literal Date Range option is also set to the Current day by default. The user has the options identified with blue arrows.

After defining the desired Date Range click on *OK* in the Date Range window.

Do <u>Not</u> click OK on the Filter Criteria/Date Range window at this time.

Click on the *Data Filter* tab.

Scorecard Report from a Watchdog

The Scoring/Layout window opens.

As a result of selecting the *From Watchdog* option in Slide 3, the scoring expressions from the selected watchdog are provided here.

The user may modify these scoring expressions by clicking on the *Edit* in the upper section.

The Score Properties window opens. The watchdog scoring parameters will be pre selected.

Do <u>Not</u> click OK on the Scoring/Layout window at this time.

KEY2ACT

Scorecard Report from a Watchdog

The Scoring/Layout window opens.

As a result of selecting the *From Watchdog* option in Slide 3, the scoring expressions from the selected watchdog are provided here.

The user may modify these scoring expressions by clicking on the *Edit* in the upper section.

The Layout section allows the user to choose the Column and row arrangement of the Date and Device in the left pane of the report.

The Group By section allows the user to set the Column headers in the left pane of the report. The report may provide columns by the Hour, Day, Week, Month or by device Average ranking.

Do <u>Not</u> click OK on the Scoring/Layout window at this time.

Click on the *Misc Options* tab.

Scorecard Report from a Watchdog

The ExpressionFormat/Data Options window opens.

Expression Formats will highlight a section of a column of data where the expression is true.

Click on *Add*, the Edit Object window opens.

The expression displayed will be true when the Space temperature is greater than the Effective Setpoint plus 5 deg.

This expression was named "Too Hot"

If the expression was successfully modified click *OK* in the Edit Object window.

Do Not click OK on the Expression Format/Data Options window at this time.

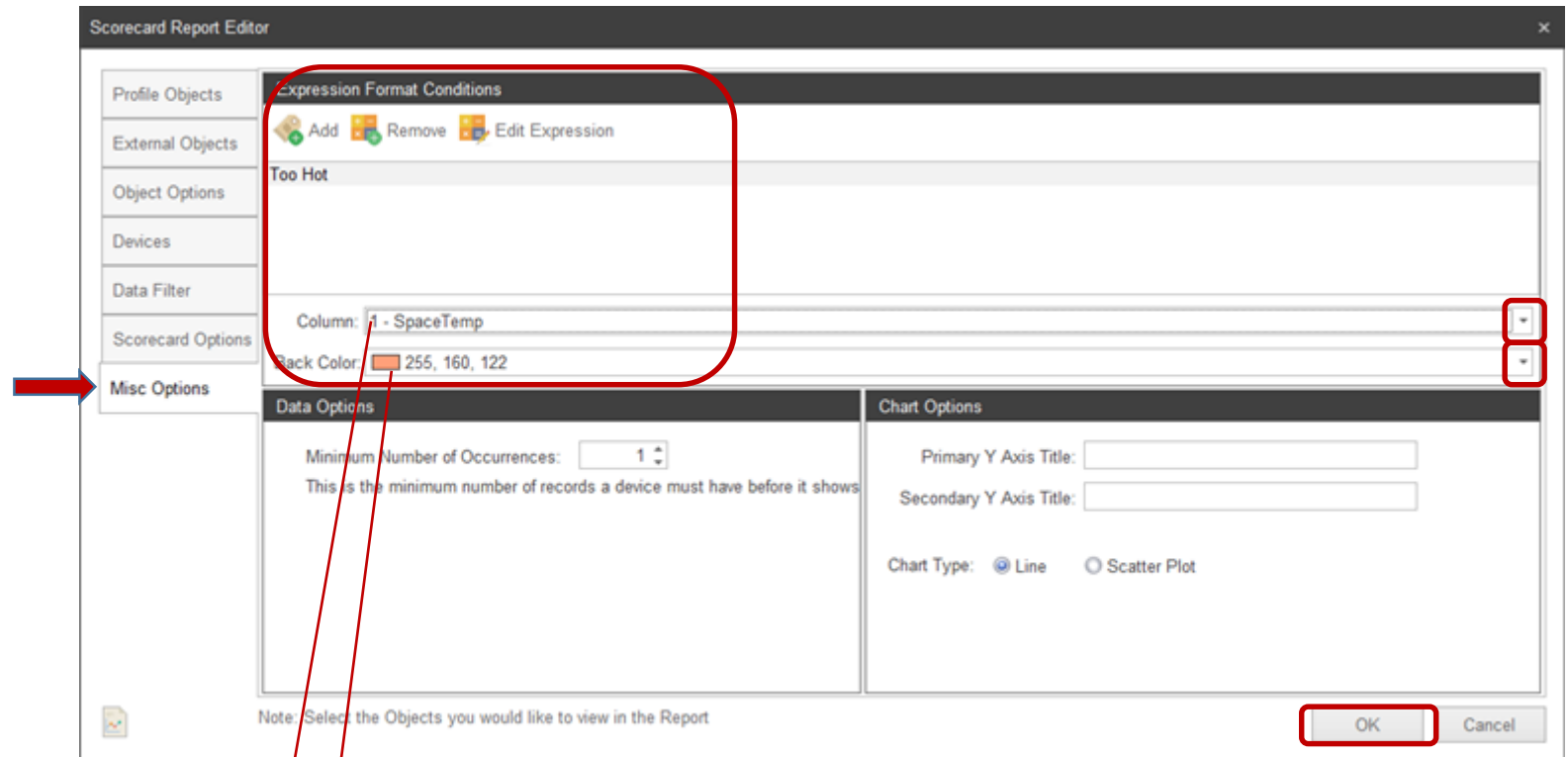KEY2ACT

Scorecard Report from a Watchdog

This expression named "Too Hot" is displayed in the Expression Format Conditions window.

Click on the dropdown arrow on the right side of the Column box and choose the object data that you wish to be highlighted when the expression is true.

Click on the dropdown arrow on the right side of the Back Color box and choose the background color that you wish to use in the highlighted section of data samples.

The Data Options selector allow the user to require a minimum number of data samples a device must provide before any data is displayed.
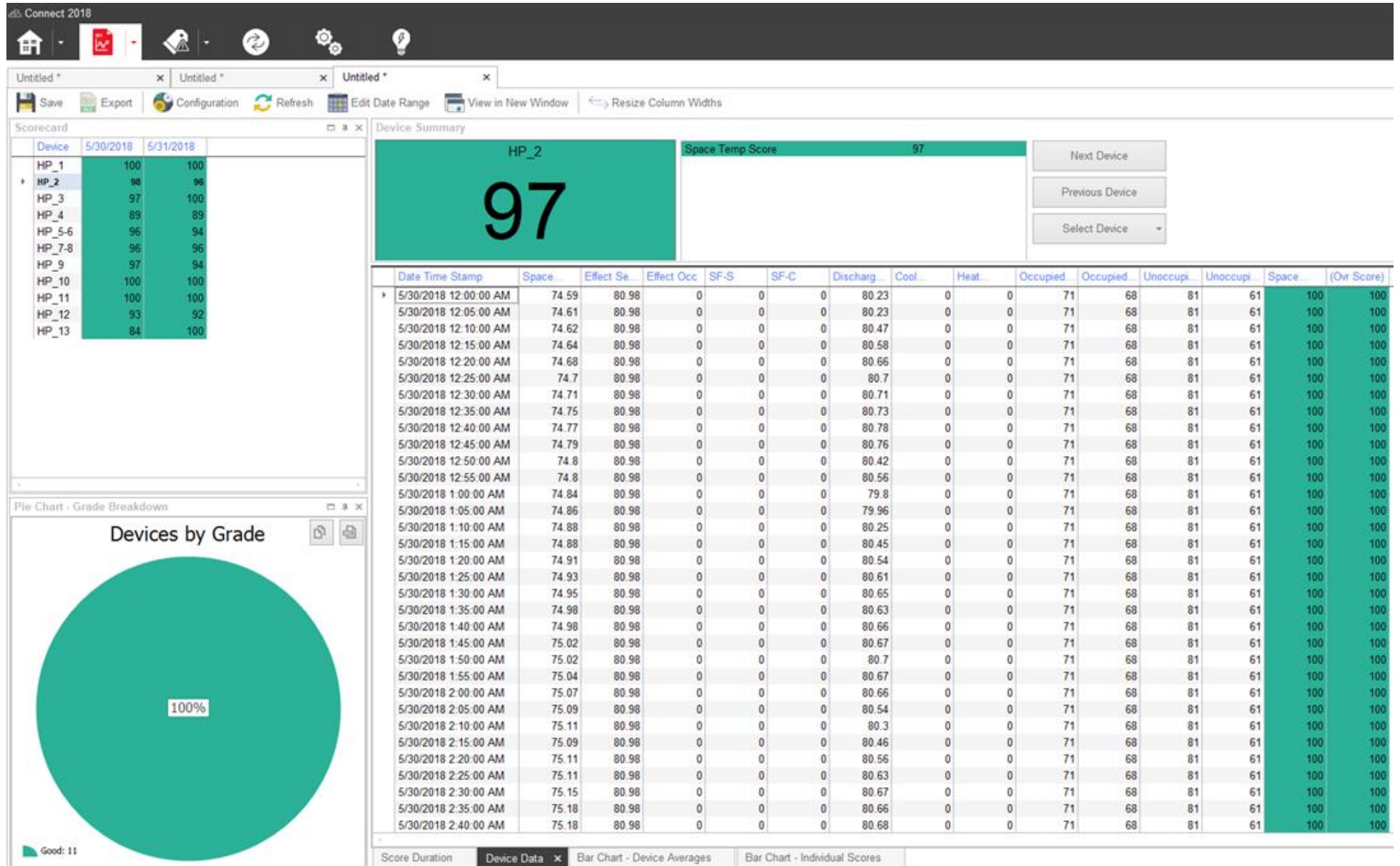
Now click OK on the Expression Format/Data Options to run the report.

KEY2ACT

Scorecard Report from a Watchdog

A Scorecard report using the From Watchdog option.

THANK YOU

KEY2ACT™