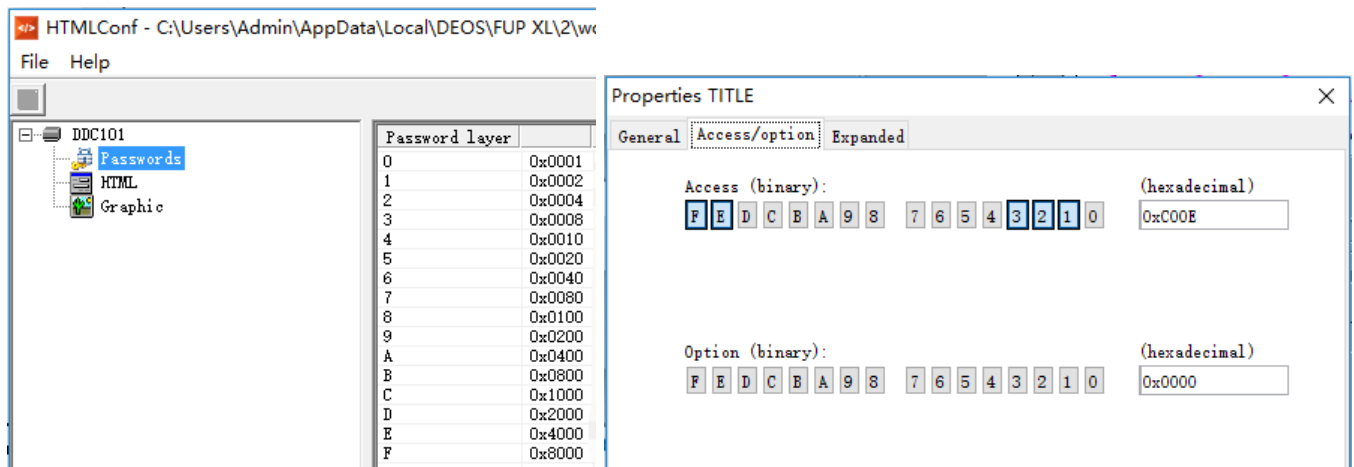# TT190507 – FUP - Password Layer & Access Level

1. In the controller, we have 16 "Password Layer" from 0 to F, and for each element we also have 16 "Access Level". So, by matching the password layer and the access level, we can selectively assign each password to see only the assigned graphics and elements


2. For example, if we don't want the users at level 1, 2, and 3 to see the P and I settings AHU graphic, first we open the "ahu.f" FUP page, and then the "AHU" graphic page
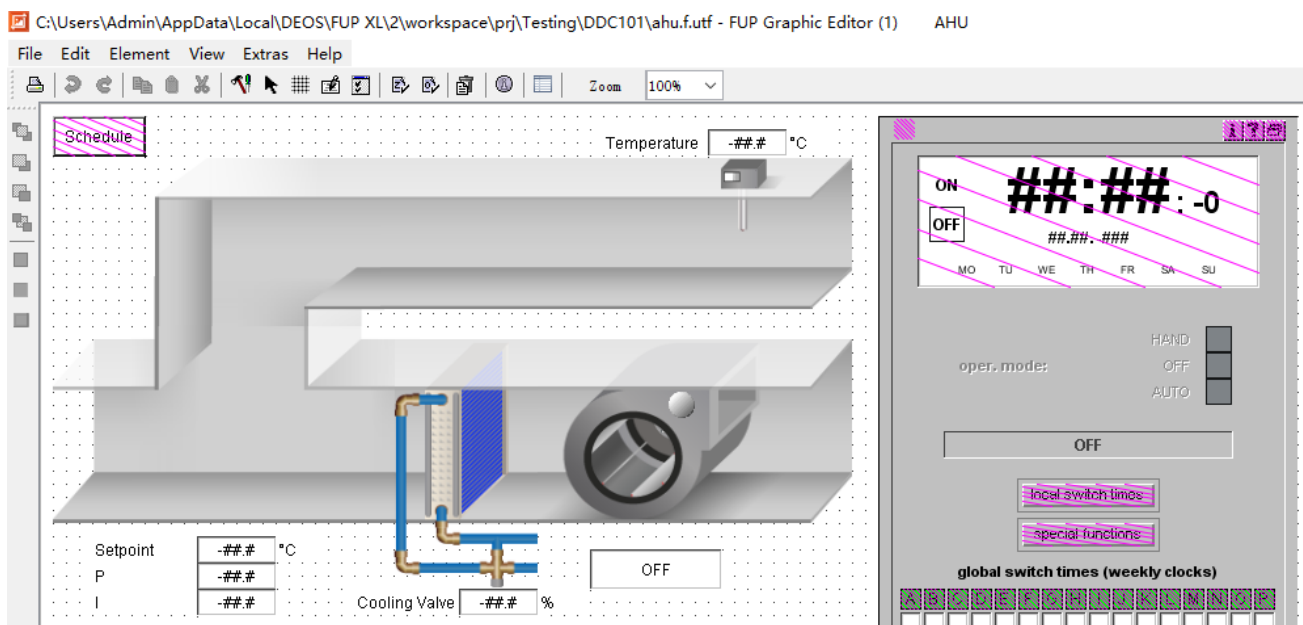

3. Double click on the P settings, go to the "Access/Option" tab, and de-select level 1-3.
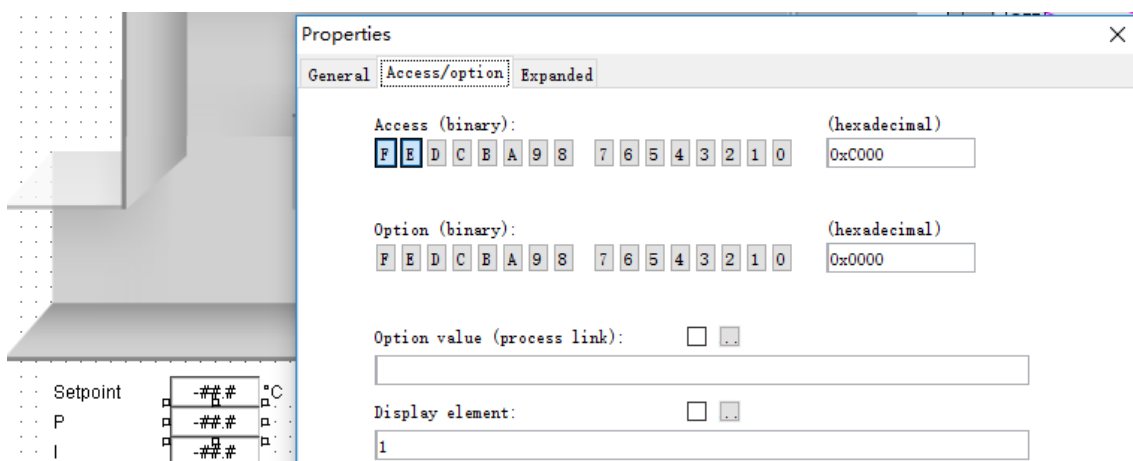
4. Do the same for the I settings, and also the Text elements for "P" and "I". After upload, and login to the controller as level 1, 2 or 3, you will not be able to see these settings
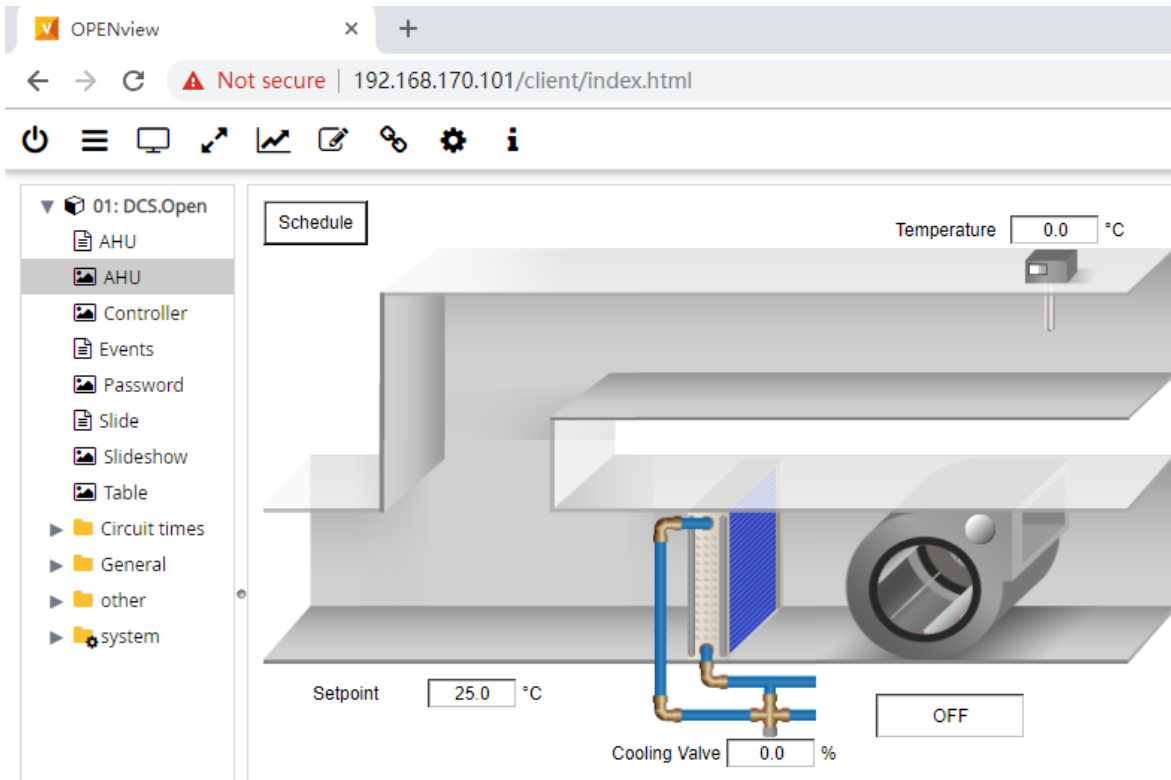

5. If you have many graphic elements that want to hide from some users, there is an "easier" way. For example, if we want to hide both the "Schedule", "Schedule" button and the controller, we can add 3 "Color" elements, change the color same as the background color, and cover the elements that we want to hide
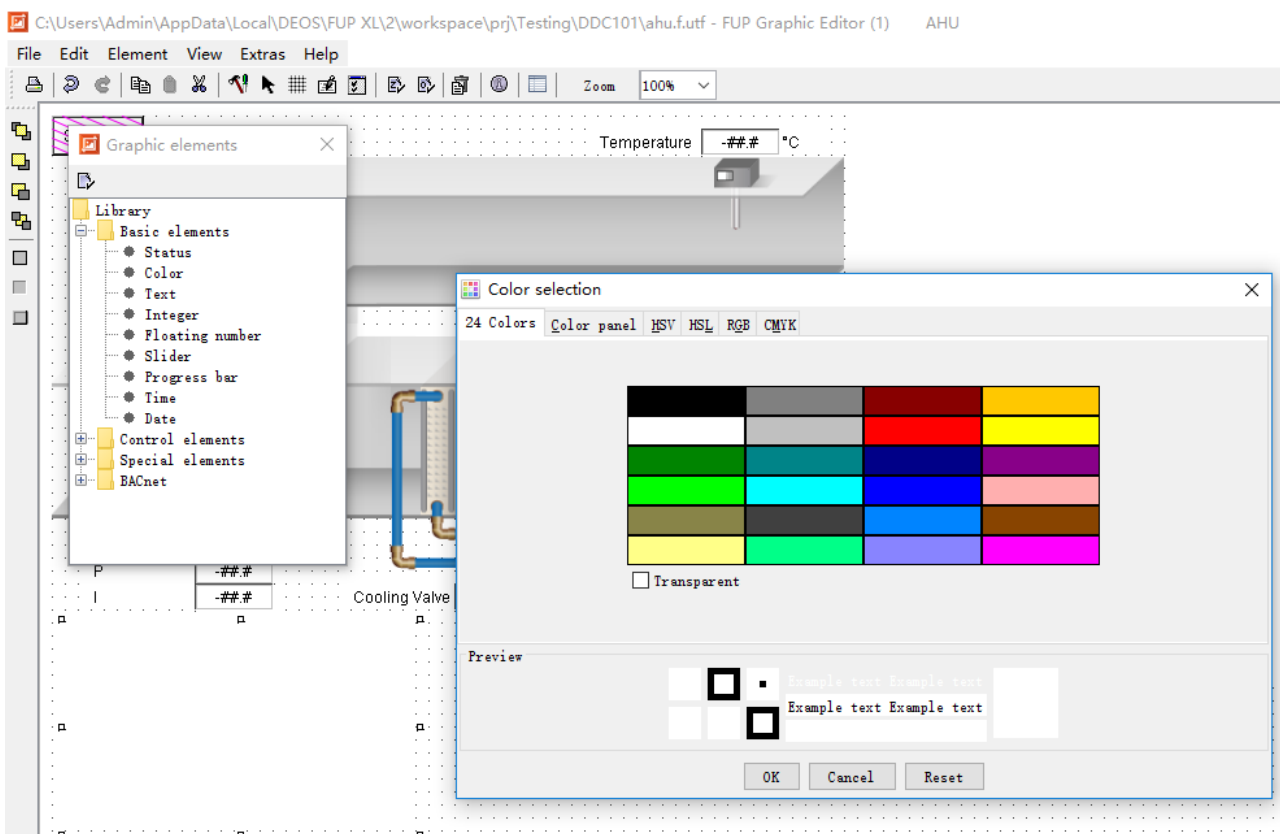

6. Now select all the 3 "Color" elements, right click, and select "Properties". In the "Access/Option" tab, de-select level "E" and "F"

7. After upload, and login to the controller as level 1, 2 or 3, you should only see the AHU graphic, and all others are hidden
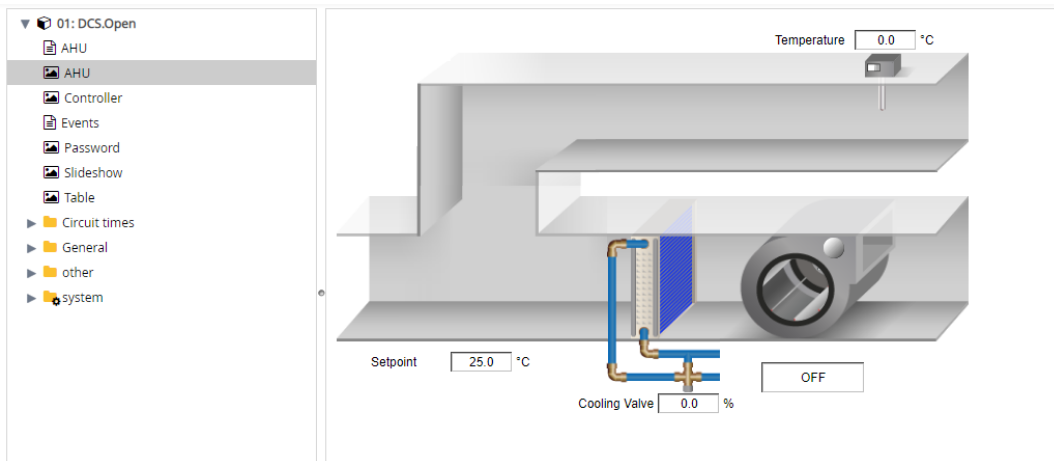

8. You can also use the access level to hide the "Input" and "Output" in the HTML pages.
9. Now, to hide the graphic from the Tree, we need to do it in the "Tree Editor". But first, we must disable the "Generate Tree Automatically" option. Click on the controller, right click, select "Configuration", "HTML"
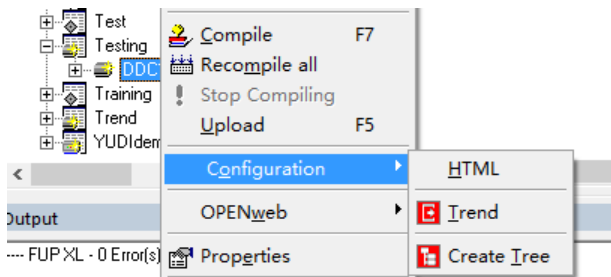
10. Click on the controller, un-tick the "Generate Tree Automatically" option, save and close it
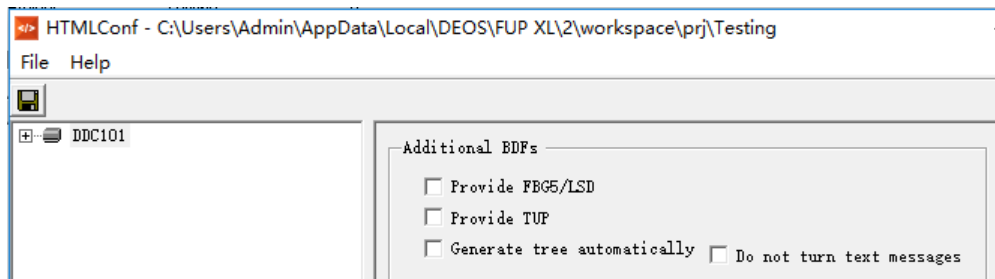
11. Click the ⬛ button, click on the "Controller" graphic, right click, select "Change Access Mask"
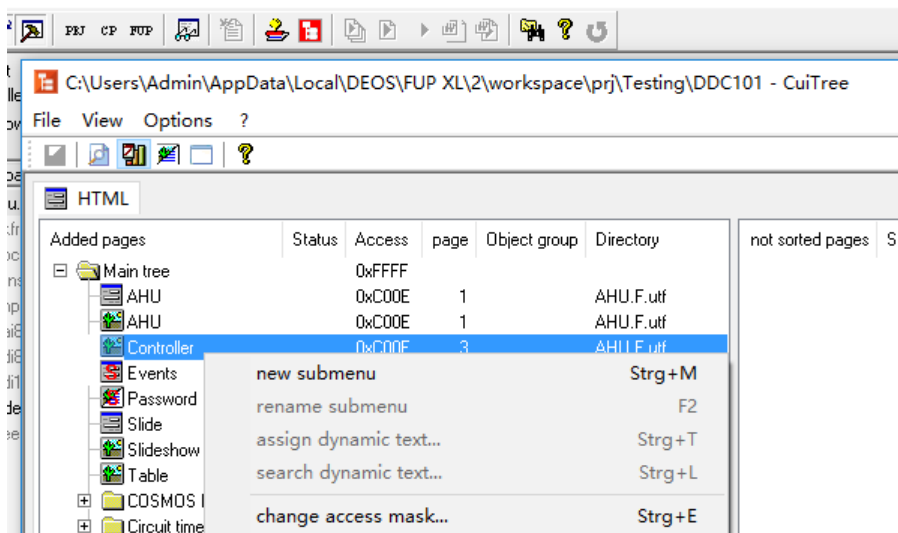
12. De-select the level 1, 2 and 3, click "OK", save and close the window

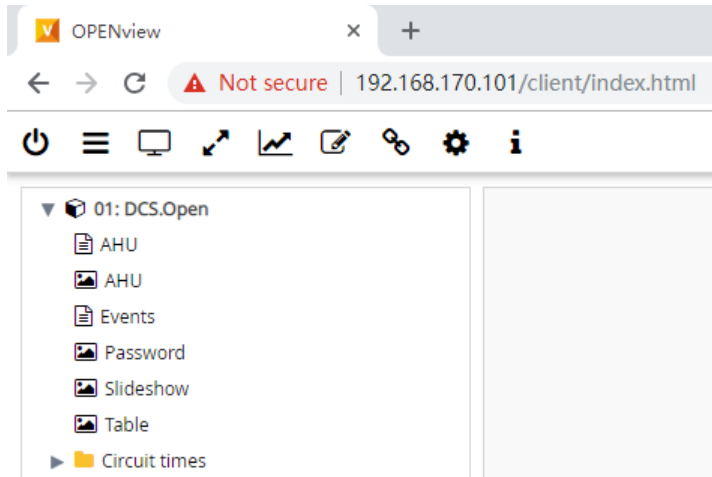13. After upload, and login to the controller as level 1, 2 or 3, you will not be able to see the "Controller" graphic in the Tree

14. Please note that after you disable the "Generate Tree Automatically" option, you will have to manually add the new graphics to the tree in the "Tree Editor", by drag and drop the new graphics from the right "Not Sorted Pages" to the left "Added Pages"