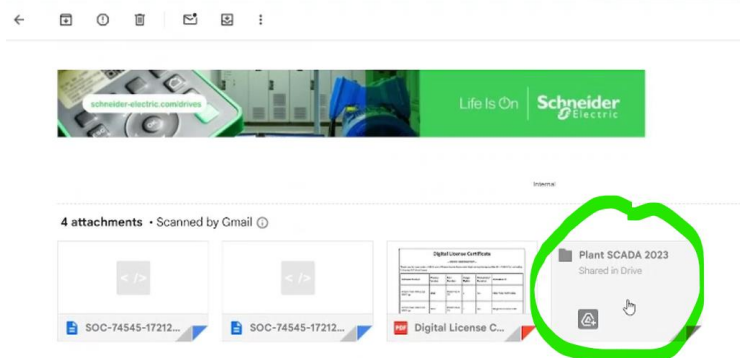


Aveva SCADA 2023 Installation Tutorial

Tutorial Video:

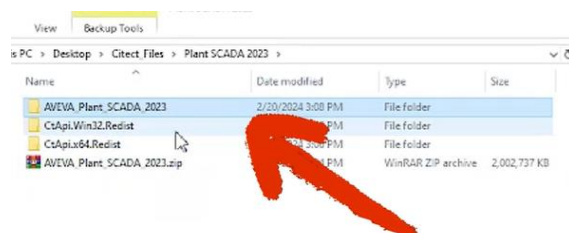
<https://drive.google.com/file/d/1pC7NJmkaNknr8fyxG9CdZq1NGfwbt83h/view?usp=sharing>

1. Download the package (latest version) from Google Drive/Gmail

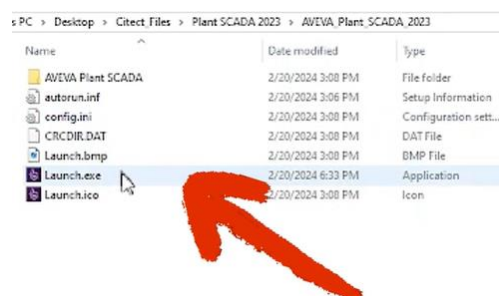


2. Setup Configuration

- a. Unzip the package
- b. Access AVEVA Plant SCADA 2023 folder



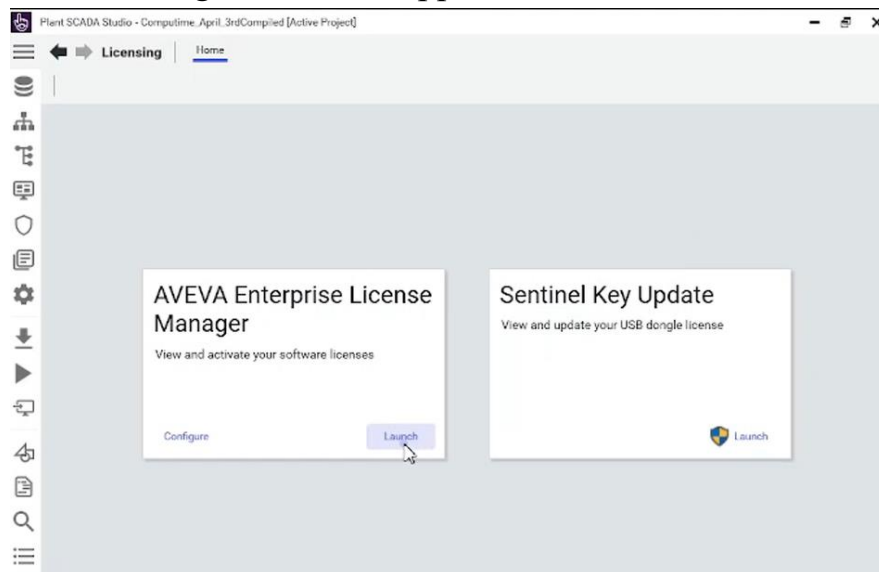
- c. Run Launch.exe



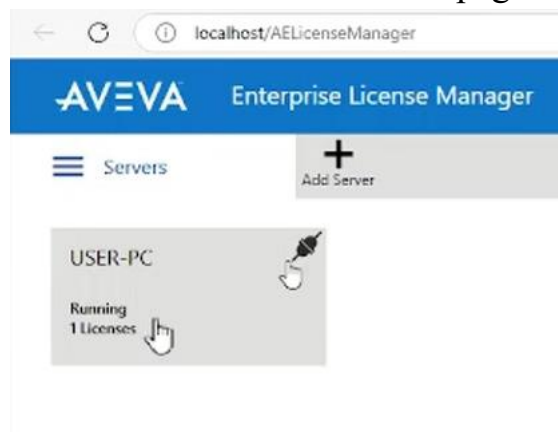
- d. Watch the 'Configure the Application' part in this video:
<https://www.youtube.com/watch?si=5xjuI0Gk092xwY9l&v=oGUDGXPv2bw&feature=youtu.be>

3. Setup License

- a. On Licensing interface of application, select Launch.



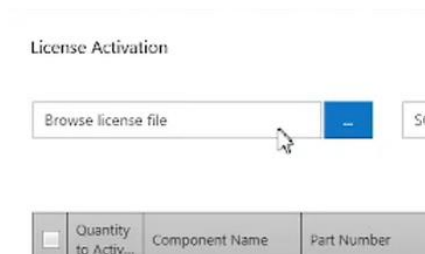
- b. Select server on the launched page.



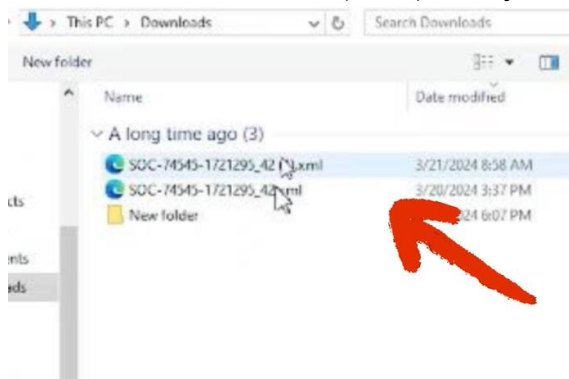
c. Click 'Add License'



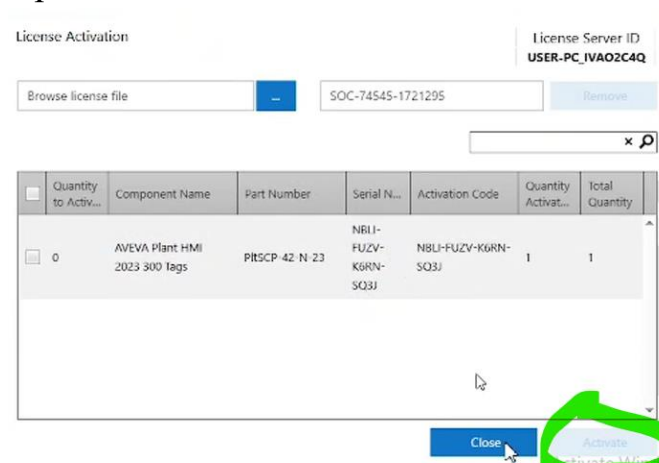
d. Click 'Browse License File'



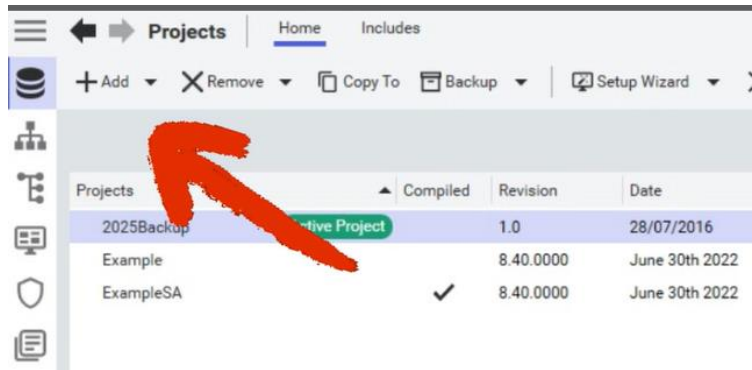
e. Select the license file (.xml) that you get from email



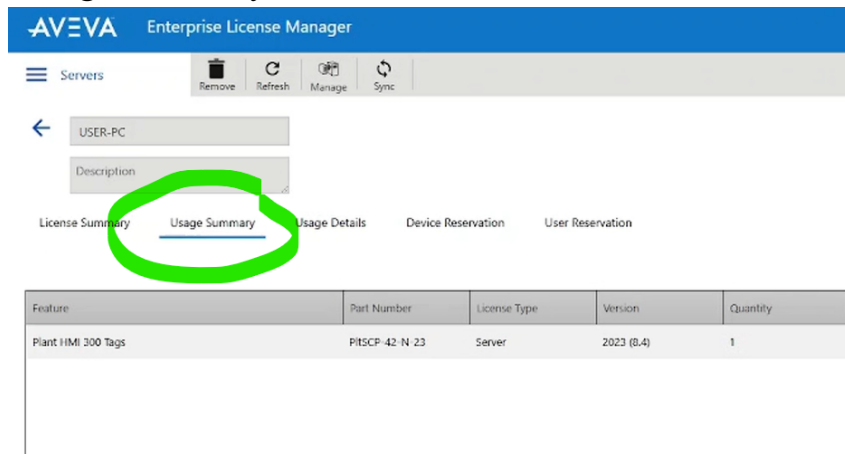
f. Open file and activate



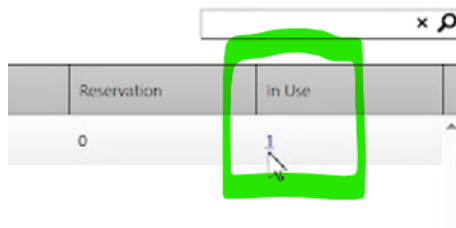
g. Go to AVEVA Plant SCADA app, run a project.



h. After adding a project, go back to the server webpage. Click 'Usage Summary'.

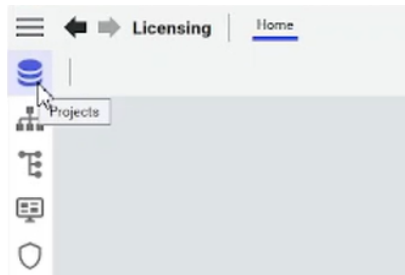


i. Check in use. If in use = 1, the license is successfully activated.

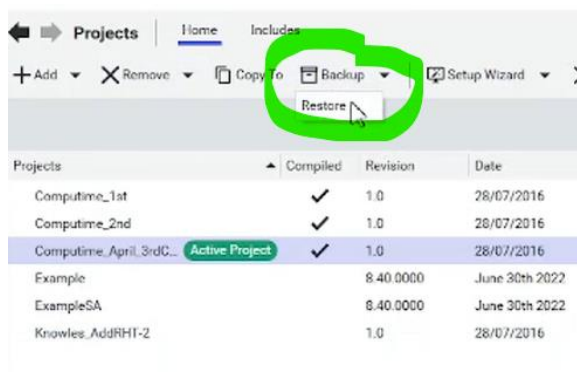


4. Restore Computime ctz

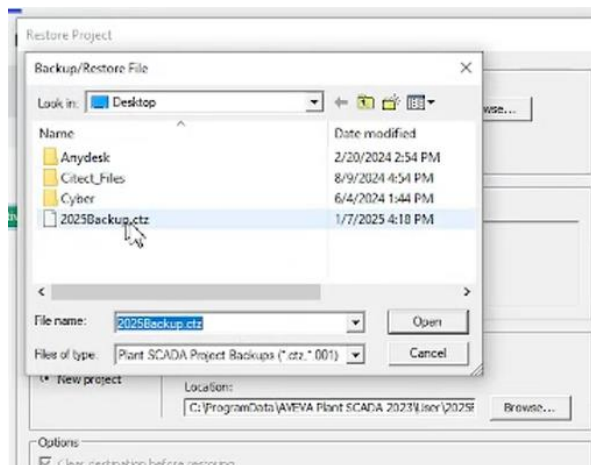
a. Go to Project



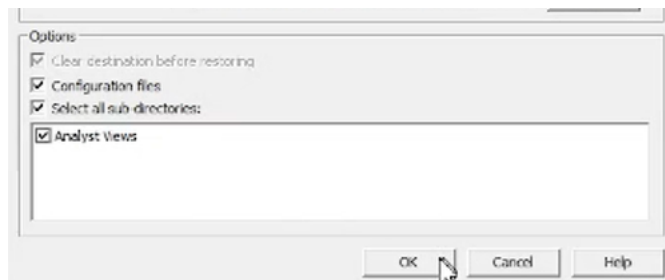
b. Click 'Restore'



c. Select ctz document.



d. Click the selections and OK.



e. Make the latest Computime project active.

Projects	Compiled	Revision
Computime_1st	✓	1.0
Computime_2nd	✓	1.0
Computime_April_3rdC...	Active Project ✓	1.0
Example		8.40.0000
ExampleSA		8.40.0000
Knowles_AddRHT-2		1.0

5. Create 3 folders in anywhere you like.

- Output folder
- Aoess folder
- MQTTPatchFiles folder

6. Change the directory in Cicode

- a. Go to Cicode Editor



- b. Go to 10_DPM_Read_DPM.ci (search on left panel)

- c. Find this line of code: `File = FileOpen("your/directory/path", "r");`
Change the directory path to where you locate your Output folder

```
FUNCTION DPMData()  
  INT break, onetime;  
  INT File;  
  
  WHILE {1} DO  
    ErrSet(1);  
    File = FileOpen("C:\JSFiles\output.ini", "r");  
    ErrSet(0);  
  
    IF {File = -1} THEN  
      Message("Error", "Cannot read output.ini", 16);  
      RETURN;  
    END
```

d. Go to old_88_88_88_File.ci

e. Find this TWO lines of code:

File = FileOpen("your/directory/path", "r");

Change the directory path to where you locate your Aoess folder

```
FUNCTION WriteValues()
    INT i;

    ! Open a file in read/write mode.
    ErrSet(1);
    File=FileOpen("C:\Users\User\Desktop\Citect_Files\inifiles\Aoess.ini", "w");
    //File=FileOpen("D:\My Documents\My Software Development\Citect\ICKE Dev\Aoess.1
    ErrSet(0);

    IF (File = -1) THEN
        Message("Error", "Cannot read Aoess.ini", 16);
        RETURN;
    END

FUNCTION InitValues()
    INT break, onetime;

    ! Open a file in read-only mode.
    ErrSet(1);
    File=FileOpen("C:\Users\User\Desktop\Citect_Files\inifiles\Aoess.ini", "r");
    //File=FileOpen("D:\My Documents\My Software Development\Citect\ICKE Dev\Aoess.1
    ErrSet(0);

    IF (File = -1) THEN
        Message("Error", "Cannot read Aoess.ini", 16);
        RETURN;
    END
```

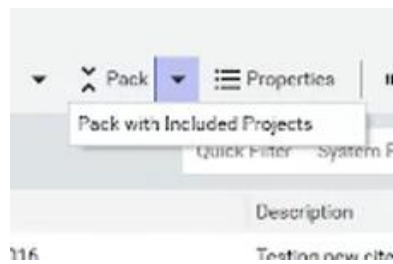
f. Go to old_03_00_00_MQTT.ci

g. Find this line of code. Change the directory path to where you locate your MQTTPatchFiles folder.

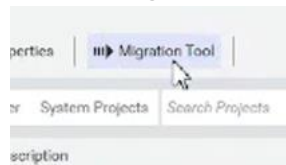
```
FUNCTION MQTTCheckFolder()
    INT PreviousYearMonth, CurrentYearMonth;
    CurrentYearMonth = (DateYear(TimeCurrent()), 1) * 100 + DateMonth(TimeCurrent());
    IF CurrentYearMonth <> PreviousYearMonth THEN
        Filepath = "C:\Users\User\Desktop\Citect_Files\MQTTPatchFiles\" + IntToStr(CurrentYearMonth);
    END
    PreviousYearMonth = CurrentYearMonth;
END
```


7. Pack & Migration Tool

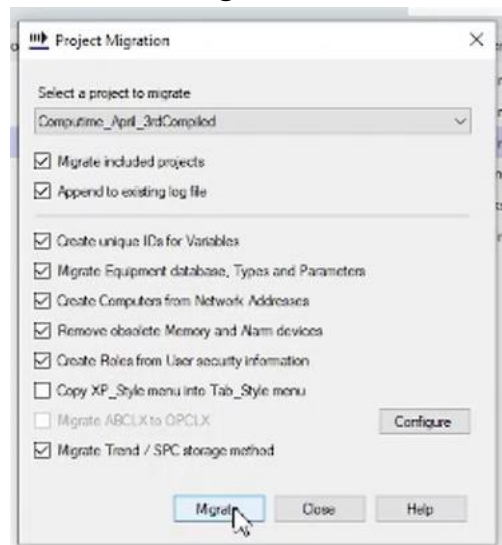
a. Click Pack



b. Click Migration Tool

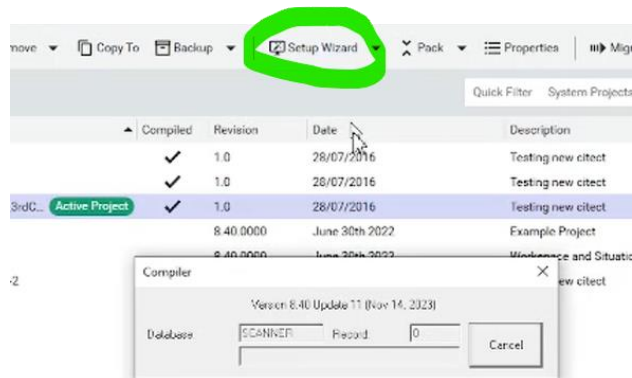


c. Check and migrate.

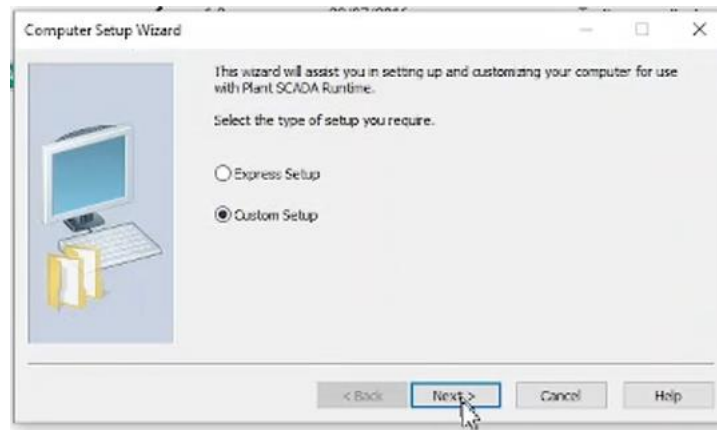


8. Setup Wizard

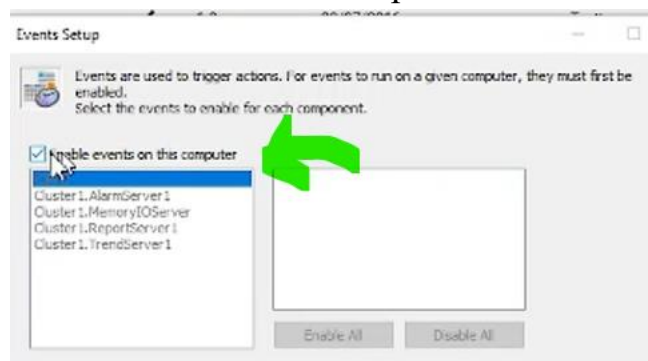
a. Click 'Setup Wizard'



b. Click next.



c. Unenable event on this computer



d. Startup Function = iCEE Startup

Select and modify the startup functions for each component.

Component	Priority	Startup Function
Client		iCEE_Startup
Cluster1.ReportServer1	Primary	
Cluster1.AlarmServer1	Primary	AlarmServerStartup()
Cluster1.TrendServer1	Primary	
Cluster1.MemoryIOServer		

e. Check the selections

These options allow you to change the menu items that appear on the control menu of Plant SCADA Runtime and whether the control menu and title bar are visible.

Plant SCADA Runtime control menu

- ☒ Plant SCADA Studio on menu
- ☐ Fullscreen
- ☐ Show title bar
- ☒ Shutdown on menu
- ☒ Kernel on menu

f. Startup page = Main

These options allow you to further customize Plant SCADA Runtime. Consult the help for a detailed description on what these options do.

Data directory: C:\ProgramData\AVEVA Plant SCADA 2025\data

Backup project path:

Startup page: Main

Page scan timer: 250 milliseconds

OPC Alarms and Events: Register

g. Click 'Finish'

Computer Setup

Your computer setup is complete.

Press the Finish button to save your settings and exit or, press the Cancel button to quit without saving any changes.

< Back Finish Cancel Help

Setup Completed.