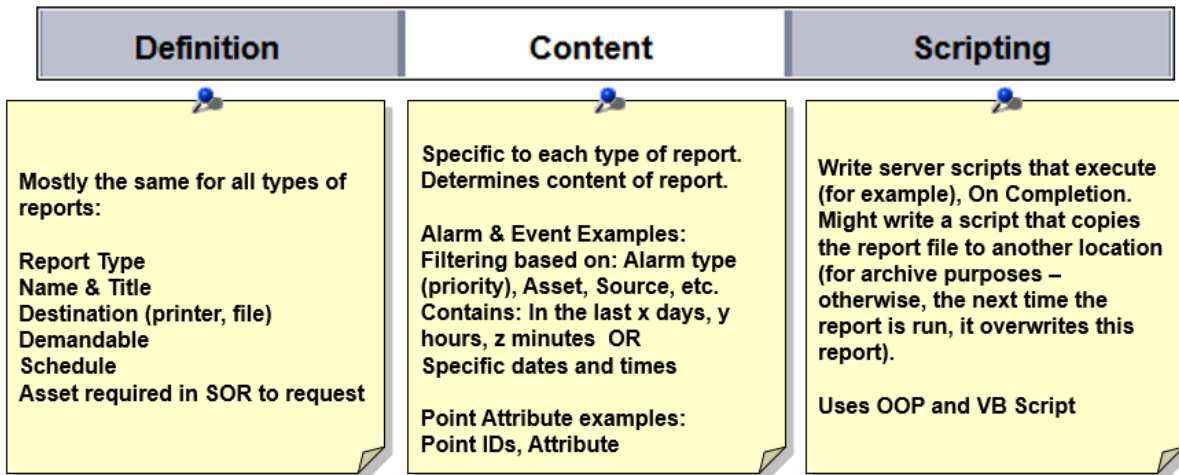# Honeywell

Procedure – Procedure –Report Configuration in Experion HS/Experion LX

Three Configuration Pages in Configuration Studio

- – Definition Page
- – Content Page
- – Scripting Page

Definition Page:

Content Page- Specific to Report Type Being Configured

Report Output :

- Two output files for each report – overwritten each time the report is run

  - rptxxx.htm -- Used by Station to display On Request reports

  - rptxxx – text file viewable from Notepad (xxx is the report number)
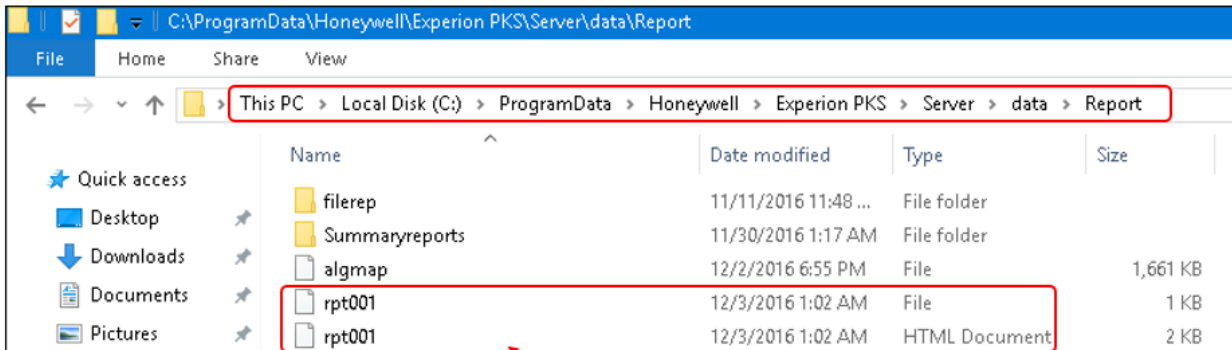
1. In Safety Manager, Steps to add Process Controller in the **Safety Network**

   Click Process Controller, Drag and drop under Plant network and Click OK.
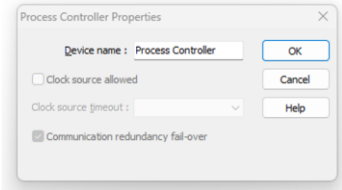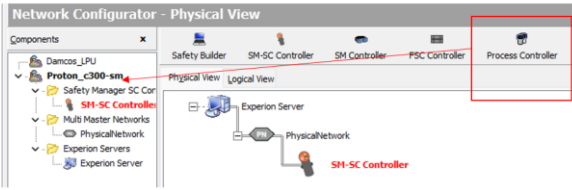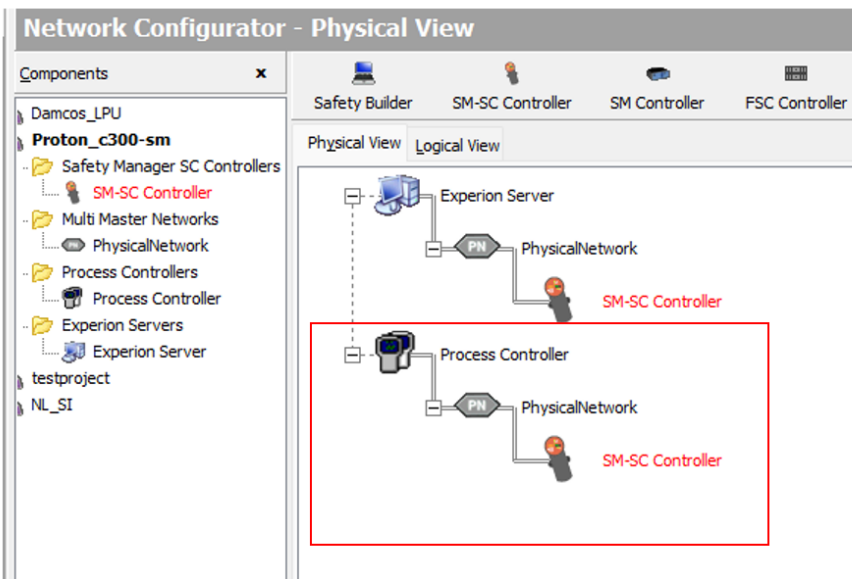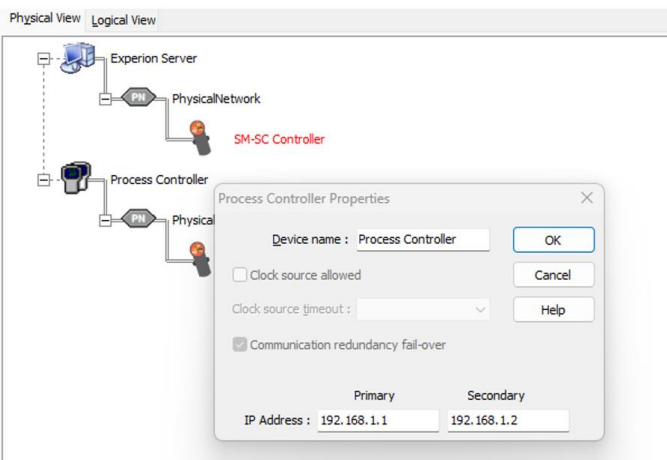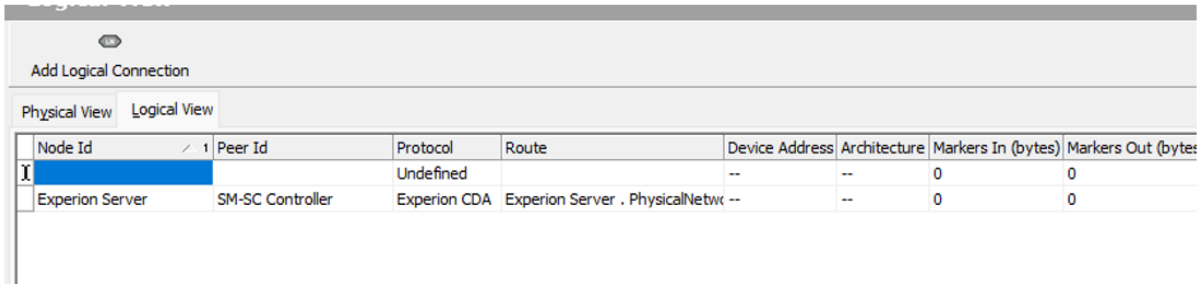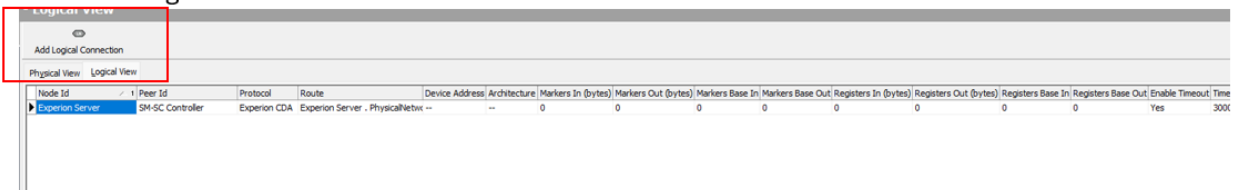
2. Drag and Drop **Physical Network** under Process controller.

3. Right click on Process Controller – assign the C300 controller name and IP Address

4. Click on Logic View to add Logical connection between C300 and SMSC and Add Logic connection.

- Add C300 in Node ID ((select from drop down list)
- Add SMSC in Peer Id (select from drop down list)
- Click on "Protocol" field, Protocol and Route are added automatically.
- Define Marker in and Register In bytes.
- Timeout setting shall be 5000.

5) Click on Logic Click on Application editor.

PCS – DI Com:
Click on DI tag to create a new point for PCS. Follow below settings.

- Location – COM
- Logical connection: assign newly configured C300–SMSC here.
- Block Name – as per project philosophy.
- FLD Tag name on FLD Property - as per project philosophy
- Fault Reaction – FREEZE
- Force Enable -YES
- Access Lock - Program
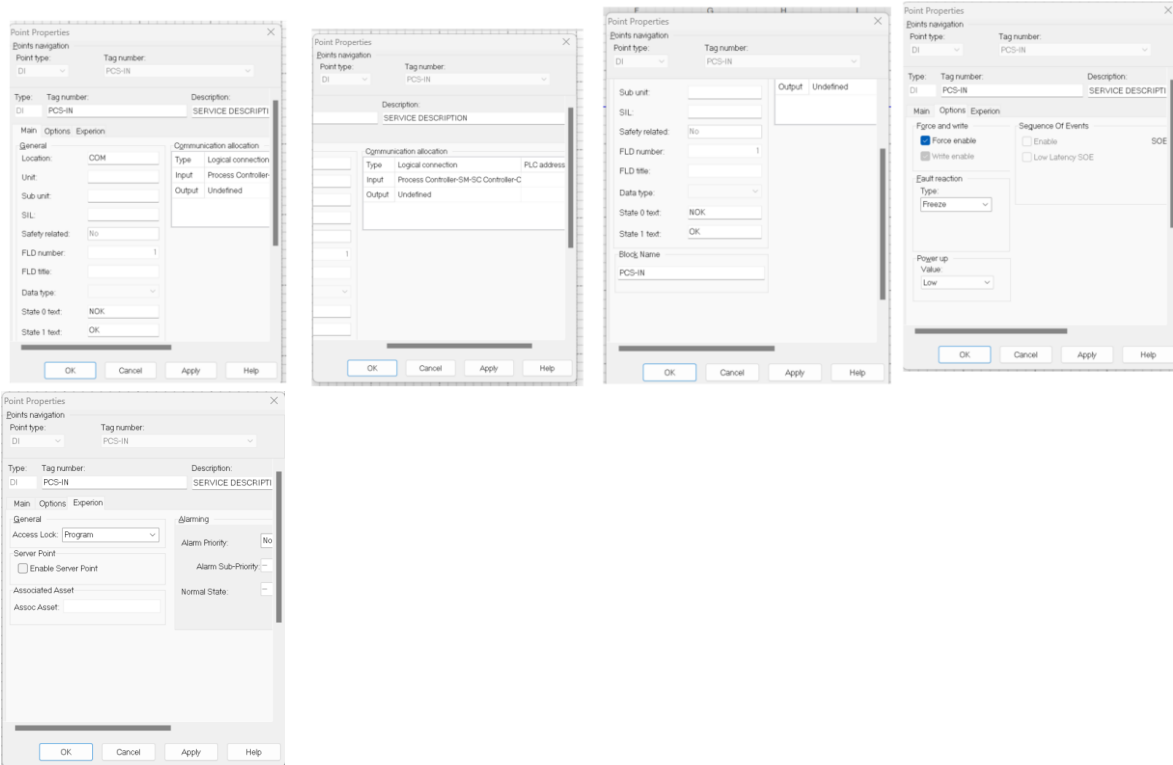
6) After Configuration, Download the controller and publish the point.

7) After Publish, the point can be configured in **C300** as follows.

   In Control builder, you can use Push block/INTERLOCKA block to connect the SMSC points as follows.