Before migration, I have developed different steps:

1. Compile the net status with NetPro



The IP address data: Schematic Net Pro step 7 Classic are:

* PLC: 192.168.1.10 / 24
* PC\_Desarrollo: 192.168.1.4 (OPC server)
* Simatic\_RFM: 192.168.1. (OPC server)
1. Compile the hardware configuration



1. Check consistent block and compile all blocks.



1. Start the migration with TIA PORTAL V19.



There isn’t an error but there are some warnings (FB8).



The Fb8 network 2 migration program is:

 A "M\_TRUE"

 = %L5.0

 A %L5.0

 A #CONFIG.ALARM\_ENABLED

 A(

 A #VALUE

 A #CONFIG.ALARM\_VALUE

 O

 AN #VALUE

 AN #CONFIG.ALARM\_VALUE

 )

 = #Act\_Timer

 A(

 A(

 A #Act\_Timer

 = %L5.1

 BLD 103

 A %L5.0

 JNB \_001

 CALL #TIM\_ON

 time\_type:=Time

 IN :=%L5.1

 PT :=

 Q :=

 ET :=

\_001: A BR

 )

 JNB \_002

 L #TIM\_ON.PT

 T #Time\_PT

 SET

 SAVE

 CLR

\_002: A BR

 )

 A(

 O #TIM\_ON.Q

 O

 A #Act\_Timer

 A(

 L #Time\_PT

 L 0.0

 ==R

 )

 )

 S #ALARM

There are warnings in the network 2 of FB8, and I solved with this code:



