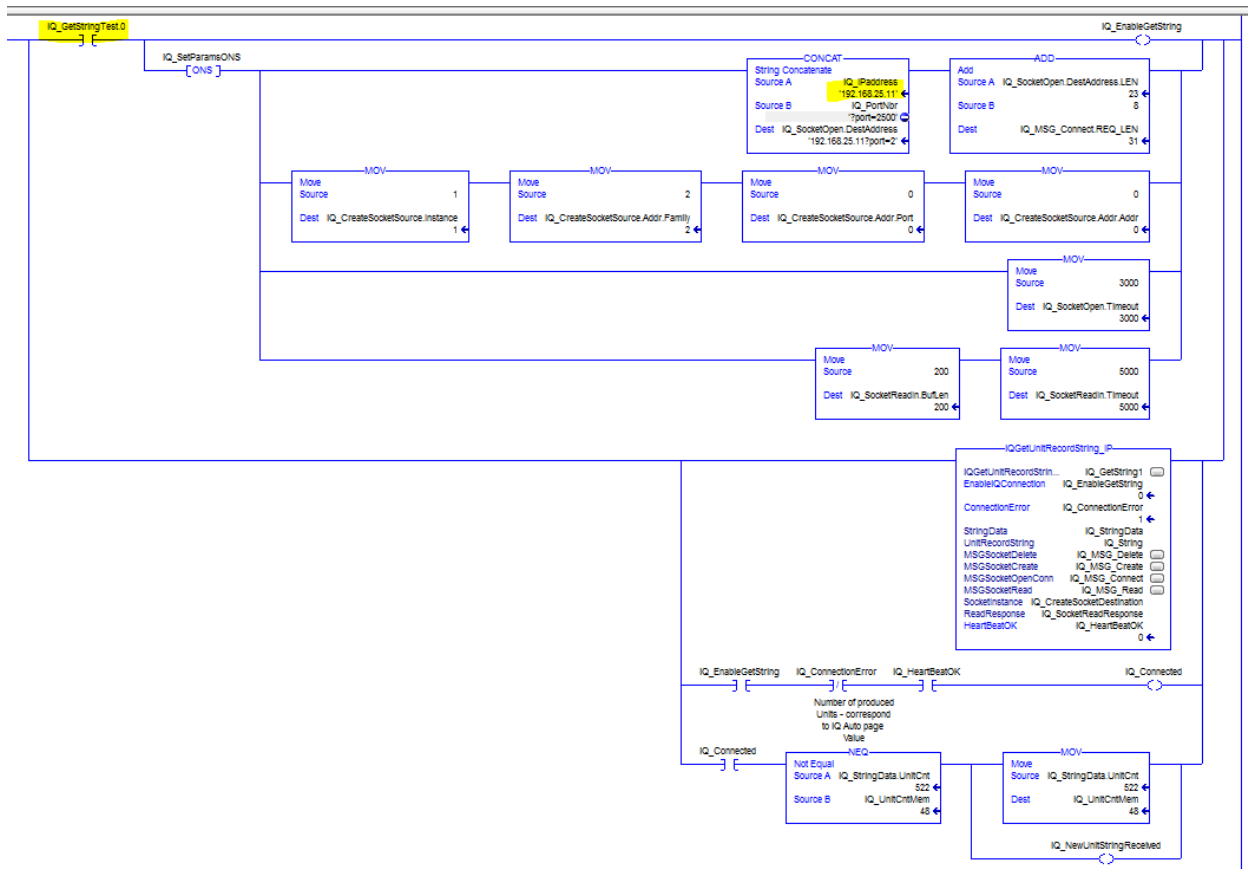


The new Allen-Bradley Compact Logix block is made to retrieve the **"Unit Record String"** from **SpeedAC iQ**, via the **regular Ethernet port** of iQ(select the block according to application – Net / Gross / Duplex / IP / CheckWeigher). The PLC and iQ only need to be on the same network(mask). Nothing to do on the iQ side, other than producing weighments(iQSim can be use also to validate).

You have to import it, change the IP address and toggle iQGetStringTest.0 to ON(replace by relevant logic). **The bit iQ_EnableGetString must stay ON all the time** unless you want to reset the block. Then you should receive the raw string in "iQString" variable and the different items in "iQStringData"(Application dependant). This could be useful to provide information to customer when already collecting data in a PLC.



P.S. If you have to communicate to more than one iQ, import it again, while creating new tags(modify Final names).

Import Configuration - iQGetUnitRecordString.NET.L5X

Find: Find/Replace...

Find Within: Final Name

Import Content:

- Programs
 - MainProgram
 - MainRoutine (Rungs)**
 - References
 - Tags**
 - Add-On Instructions
 - Data Types
- Errors/Warnings

Configure Tag References

Import Name	Operation	Final Name	Usage	Alias For
iQ1IPAddress	Use Existing	iQ1IPAddress	Local	
iQ_CreateSocketDestination	Use Existing	iQ_CreateSocketDestination	Local	
iQ_CreateSocketSource	Use Existing	iQ_CreateSocketSource	Local	
iQ_PortNbr	Use Existing	iQ_PortNbr	Local	
iQ_SocketOpen	Use Existing	iQ_SocketOpen	Local	
iQ_SocketReadIn	Use Existing	iQ_SocketReadIn	Local	
iQ_SocketReadResponse	Use Existing	iQ_SocketReadResponse	Local	
iQConnectionError	Use Existing	iQConnectionError	Local	
iQEnableGetString	Use Existing	iQEnableGetString	Local	
iQGetString1	Use Existing	iQGetString1	Local	
iQGetStringTest	Use Existing	iQGetStringTest	Local	
iQMSG1	Use Existing	iQMSG1	Local	
iQMSG2	Use Existing	iQMSG2	Local	
iQMSG3	Use Existing	iQMSG3	Local	
iQMSG4	Use Existing	iQMSG4	Local	
iQString	Use Existing	iQString	Local	
iQStringData	Use Existing	iQStringData	Local	