

# Primoshield: Verizon Repair

DER Site Management, 12/29/2011

## Photos with Notes

### Photo

### Description



We have had intermittent phone service since the end of summer. Verizon was called on 9/22/11, 11/4/11 and 12/28/11 because the phone line was dead. This time I met the technician on December 29th. at 10:00 AM, onsite.

Photo of the interface box made on 12/28.



Photo taken 12/28. It turned out that the technician determined that there was a short in the phone somewhere. There also was a short in the line outside.



Photo 1 of 6 showing the way the phone line enters our plant.



Photo 2 of 6 showing the way the phone line enters our plant.



Photo 3 of 6 showing the way the phone line enters our plant.



Photo 4 of 6 showing the way the phone line enters our plant.



Hawk on the wing

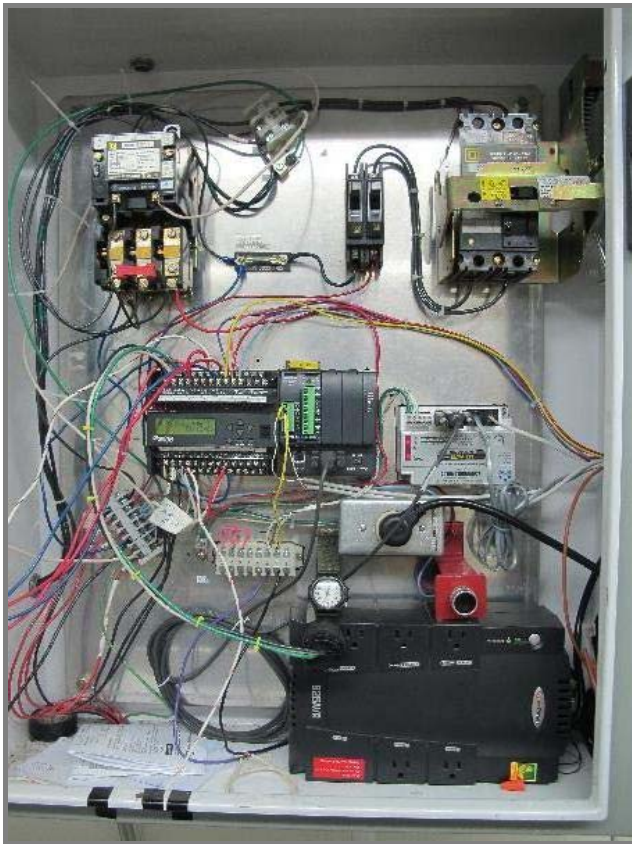




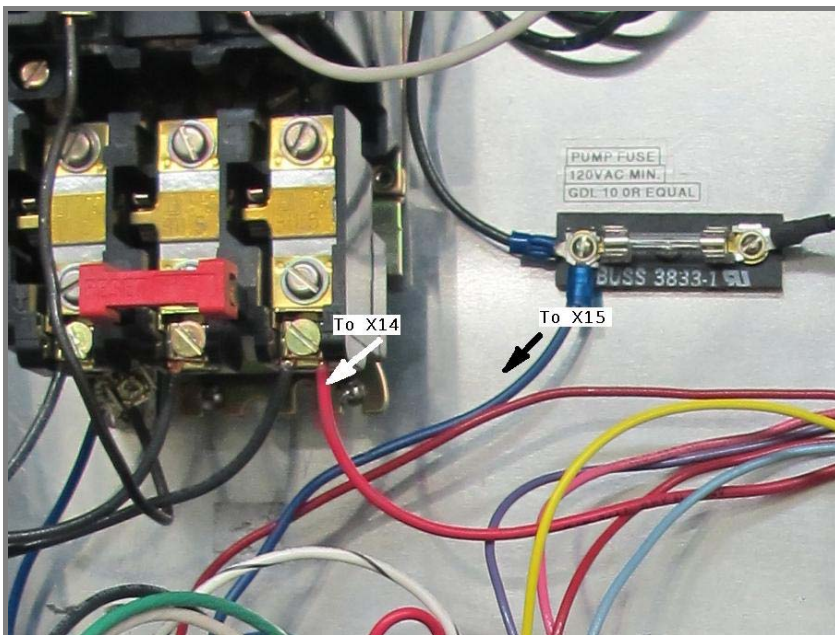
Photo 5 of 6 showing the way the phone line enters our plant.



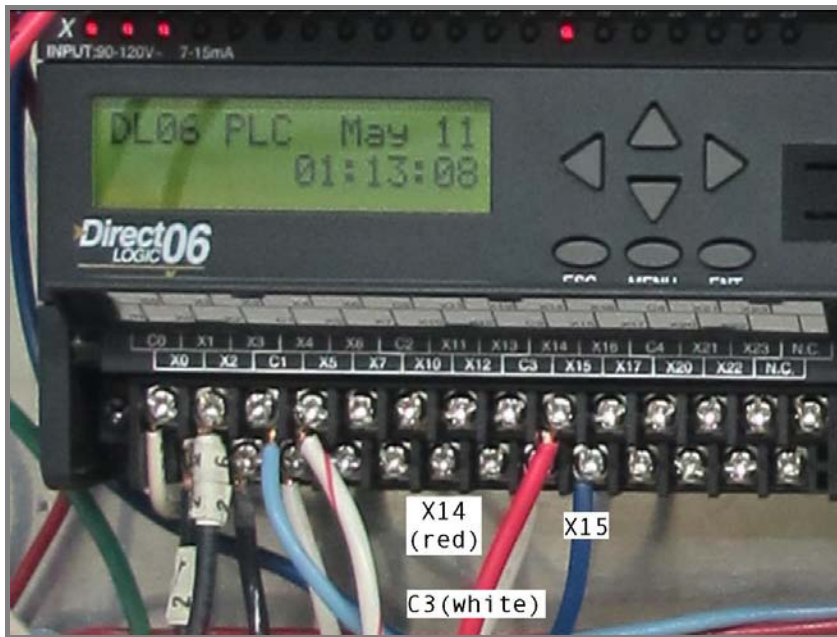
Photo 6 of 6 showing the way the phone line enters our plant.



I wired two more circuits to the PLC. the first new circuit goes from the third (lower-right) terminal on the motor starter to X14. The second goes from the left-hand side of the fuse bus to X15. I wired C3 to the terminal on the same block where C1 and C2 connect. I updated the program by adding two rungs on the ladder for these two inputs and outputs - Y14 and Y15 - I wired nothing to these however, only put the connections in the program as normally open contacts. This can be revised.



Close-ups of the wiring additions



Phone removed





Lake effect snow fell on Wednesday, the 28th. Wind, dropping temperatures and powdery snow made it a difficult day to drive.



Snow cover. I bought a snow shovel and placed it inside the door for use the next time.



Dropping off the car I witnessed two "sun dogs" as the sun shone through high clouds.

