

## Weekly Report

Date: 11/17/2014



EE491

<b>Group Number and Name</b>	<b>Dec14-07 PowerCyber Testbed</b>
<b>Client/Advisor</b>	<b>Manimaran Govindarasu</b>
<b>Attendees/Role</b>	<b>Derek Augustyn-Team Leader (EE) Adam Daniel-Webmaster (CprE) Yehoshua Meyer-Key idea holder &amp; CprE Team Lead Justin Noronha-EE Team Lead Kanghee Lee-Idea holder (EE) Brian Forsberg-Idea holder(CprE)</b>

## Past weeks accomplishments

What was done, who did it, and when it was done

- ❖ Acquired cRIO to work on more possible network communications utilizing OPC or DNP3
- ❖ Tried connecting cRIO to network and ran into many issues with software, firmware, and IP settings
- ❖ Continued to work with myRIO in addition to cRIO
- ❖ Continued working on connecting ISERink to the PowerCyber Network
- ❖ Working through basic network trouble shooting technecs
  - Including looking at the firewalls and checking on configurations
  - Along with basic Thermal troubleshooting including: ping. nslookup traceroute along with others. All while learning about how ISERink works more and more

## Plan for current week

What to do, who, and when should it be done

- ❖ Get some OPC to work with myRIO or cRIO, at very least use shared variables again
- ❖ Finish connectivity between ISERink and rest of lab and be able to show basic scenario

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### Pending Issues



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- ❖ Dave is continuing to look for latest block diagrams for our myGrid version.
- ❖ cRIO is only able to connect to myGrid via 16 physical wires and requires use of shared variable engine