

Weekly Report

Date: 3/10/2014



EE491

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

Past week accomplishments

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

- ❖ Had brief Monday meeting to go over past weeks accomplishments and what we plan to complete this week - all
- ❖ Met with Bruce and Aditya on 3/12 to talk about GOOSE communication with devices and errors within excel sheet– EE Team
- ❖ Found help on RT-Lab excel doc formatting, working on fixing the issue– EE Team
- ❖ Worked through CprE labs and trying to figure out errors– CprE Team
- ❖ Finished and submitted the first draft of the CPS-CDC project plan – CprE Team
- ❖ Fixed all errors within personal installations of RT-Lab – EE Team
- ❖ Finished first draft of our design document - all

Plan for coming week

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

- ❖ Find errors in given labs (ongoing, still) - CprE
- ❖ Fix formatting issues within excel file– EE Team
- ❖ Start working on GOOSE communication between devices – EE Team
- ❖ Find a date and time to get official RT-Lab training – EE Team

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Pending Issues

- ❖ What can we do to make the testbed better? (Documentation, library of attacks, CPC-CDC, Larger and more robust models)
- ❖ How will CPS-CDC be feasible? (Finishing second draft of the project plan)
- ❖ What would be the best protection scheme? (Reading articles and talking with grad students on best approach)
- ❖ Finding help on how to integrate excel into an RT-Lab model. (Found help within a Matlab library directory, currently fixing issues)
- ❖ Research and implement a backup of the current lab and all files contained within (Looking into finding optimal systems and purchasing any necessary equipment)
- ❖ Must find optimal time to get RT-Lab training after spring break

Individual Contributions

- ❖ Weekly report filled out and submitted - all
- ❖ Website updated – Adam
- ❖

Individual hourly Contributions

<u>NAME</u>	<u>Hours this week</u>	<u>HOURS Cumulative</u>
Derek	5	40
Ian	8	29
Adam	8	35
Yehoshua	6	31
Kanghee	3	26
Justin	6	35
Brian	7	28

Comments and extended discussions: