sdmay18-16: Implementing OpenPLCs into a Cyber Defense Competition
Week 3 Report
September 22 - September 29

Team Members
Matthew McGill — *Meeting Facilitator, Project Manager*
Brennen Ferguson — *Hardware Engineer*
Joseph Young — *Security Engineer/Meeting Scribe*
Liam Briggs — *Hardware Engineer/Report Manager*
Joshua Przybyszewski — *Software Engineer*
Nicholas Springer — *Security Engineer*
Val Chapman — *Test Engineer*

Summary of Progress this Report
During this time the team continued to define and research our planned implementation of the PLC's, specifically looking at hardware and past examples.

Pending Issues
The team is having issues deciding on one definite way to implement the project. With the amount possible routes we have for we want to be able to have informed decisions before buying hardware that may not be used.

Plans for Upcoming Reporting Period
Decide on one idea between the team and order hardware to test our idea

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Matthew McGill	Organized meetings with supervisors and researched past PLC implementations in CDC's	4	11
Brennen Ferguson	Tested OpenPLC software on Raspberry Pi and researched LED implementation	5	10
Joseph Young	Researched LED software and its ease of use with Raspeberry Pi's and compared these with using Arduino technology	5	10
Liam Briggs	Researched possible hardware including model trains and LED's. Drafted a hardware request form for ETG with numbers from suppliers.	5	11
Joshua Przybyszewski	Researched physical implementations with	4	9

	PLC's and hardware often used (motors, sensors)		
Nicholas Springer	Tested OpenPLC software using Linux and researched and tested LED's	5	11
Val Chapman	Created Gantt chart outlining out plan for the year and researched hardware often used with PLC's	5	10