

## DSG-SoLID R&D Meeting Minutes

**Date:** July 22, 2022

**Time:** 11:00 – 12:00

*Attendees:* Mary Ann Antonioli, Peter Bonneau, Aaron Brown, Pablo Campero, Brian Eng, Mindy Leffel, Tyler Lemon, and Marc McMullen

### 1. HMI screen development

*Pablo Campero*

1. Modifying *Solenoid Menu* HMI screen
2. Activated and tested three FT View Client licenses on PHYCAD58 computer
3. Generated new version for HMI project file on distributed network model to allow multiple clients access at the same time
4. Set up HMI client access on the *dsg-halla-1* computer which is on the Hall A dev. subnet
  - Installed same version of FT View Side Edition Enterprise software packages and patches to match PHYCAD58 server computer
  - Configured runtime security options and accounts; created new account for testing permission effectiveness
  - Set up FTView Directory Location and FT Administration Console software
  - Matched the FT View SE software versions and patches versions between the Server and Client computers in the distributed network model developed
  - Ran test successfully for two clients accessing the HMI server in parallel and from the same client file

### 2. FactoryTalk View Data Log system

*Pablo Campero*

1. Set up Open Database Connectivity (ODBC) model to archive sensor readout data on Phycad58 server computer
  - Added pressure sensors' readouts to data logger system
  - Microsoft Access software allows access to the archived data from .mdb files
2. Testing data log system

### 3. Instrumentation debugging

*Pablo Campero*

1. Debugged connecting cable for redundant PT-102 and diode temperature sensors