

To: Robert Severinghaus

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Subject: Testing Results Report

This memo overviews the following testing results report.

The project can be summarized as a battery management system, modeling a factory line, interfaced with the Dataforth MAQ-20 electrical and thermal data acquisition products. The final product is designed for use at trade shows and other demonstrations to showcase the MAQ-20 system. Due to this application, our team has focused on energy efficiency, signal integrity, ease of maintenance, and a simple user interface.

Testing was performed on individual components as unit tests, matrix tests, and partial integration tests. Four tests were planned and three were completed. The final full system integration test was not performed due to a collection of minor failures in separate device test results. The project team has unanimously estimated a total of 50 man-hours has been spent on testing. It is shown the power side of the project is well understood and robust - testing is most detailed and successful for devices within that subsystem. All testing was generally successful in the most important functional ways.