



USMC Small Ground Sensor: Phase 2

Team ARGUS II



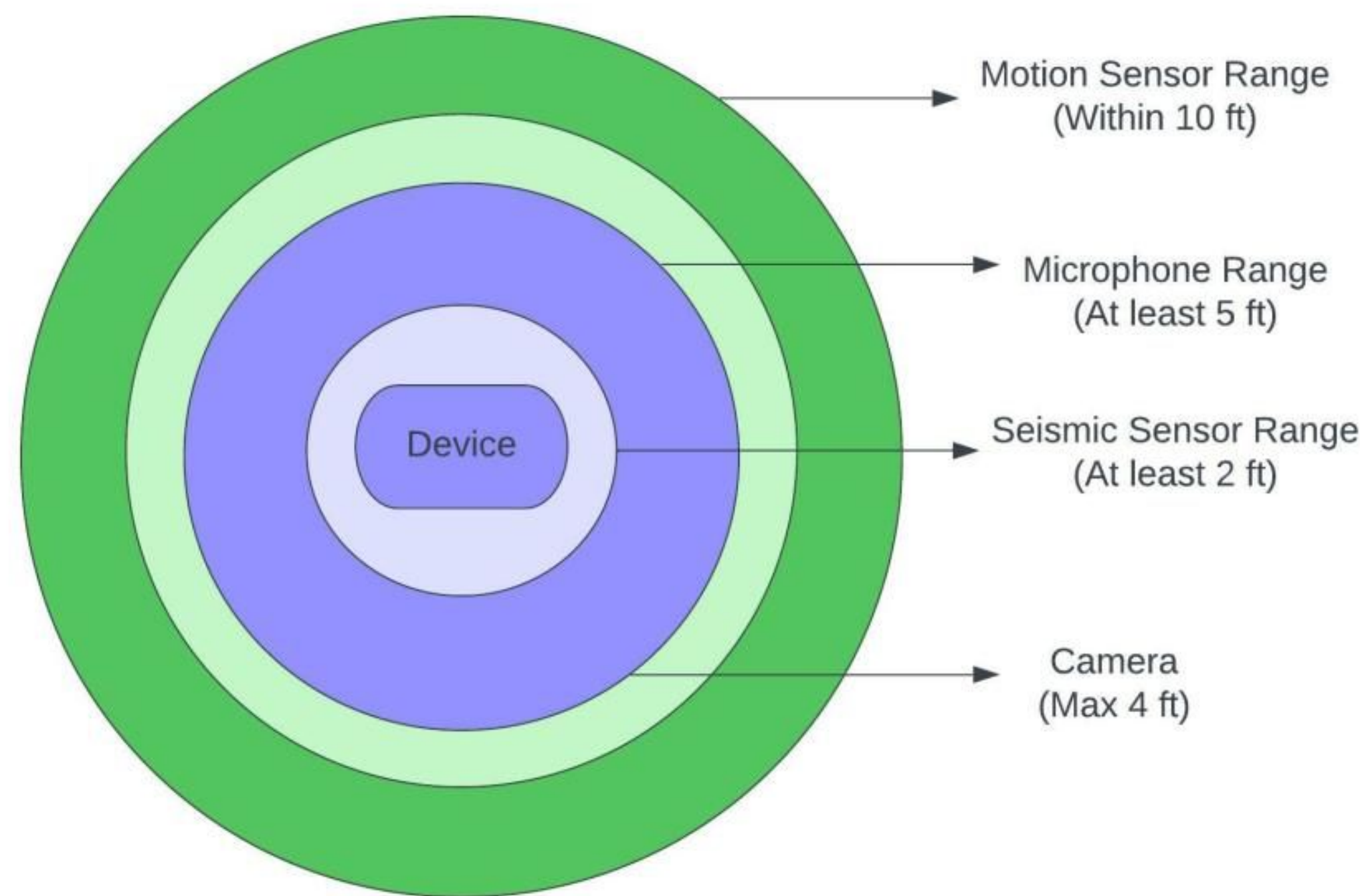
Problem Statement:

The US Marine Corp needs a sophisticated understanding of the battlespace around them. Using rapidly deployable sensors to provide timely and detailed information this can aid a Commander's decision-making. This project is a Phase II project which will expand on the design of ARGUS I.

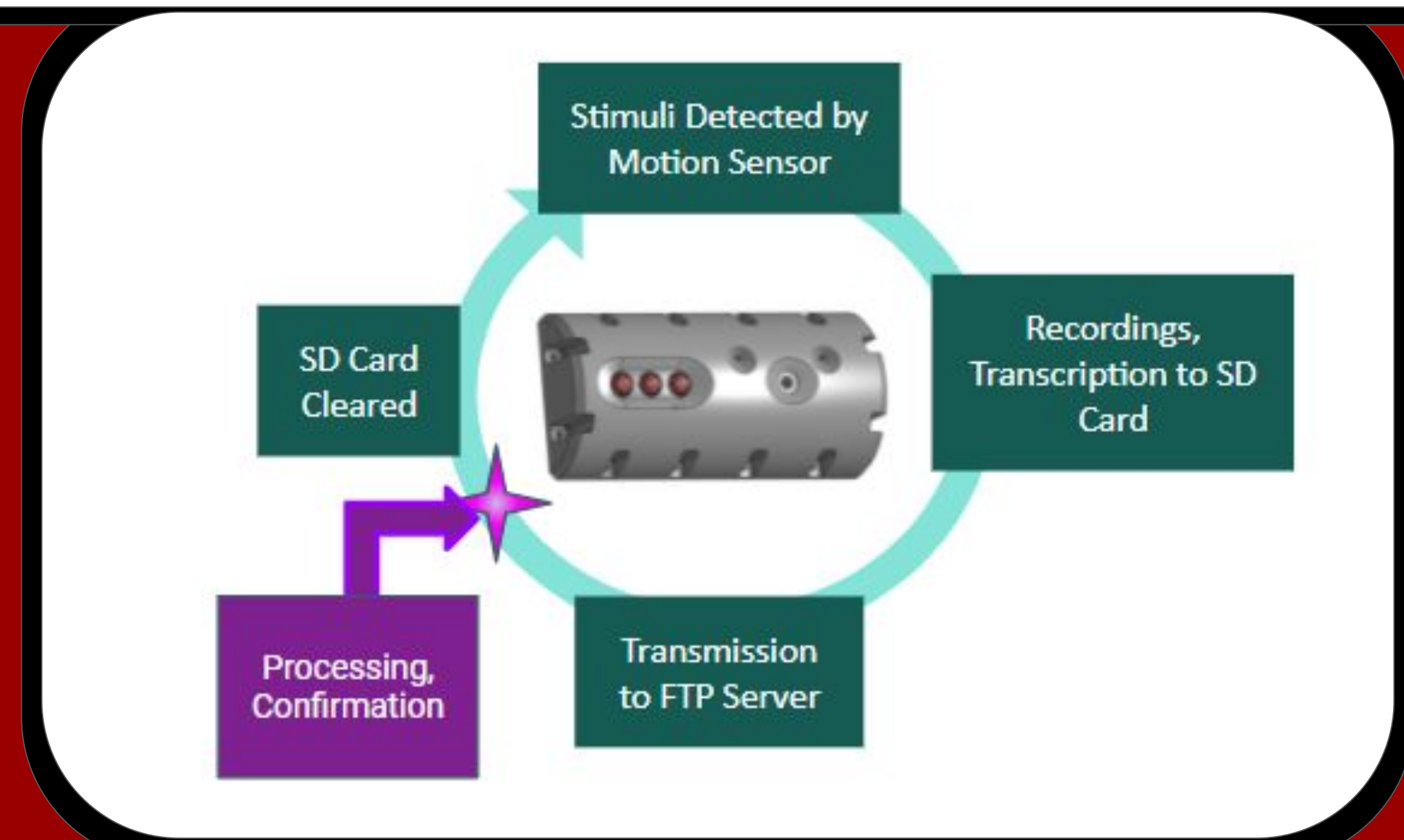
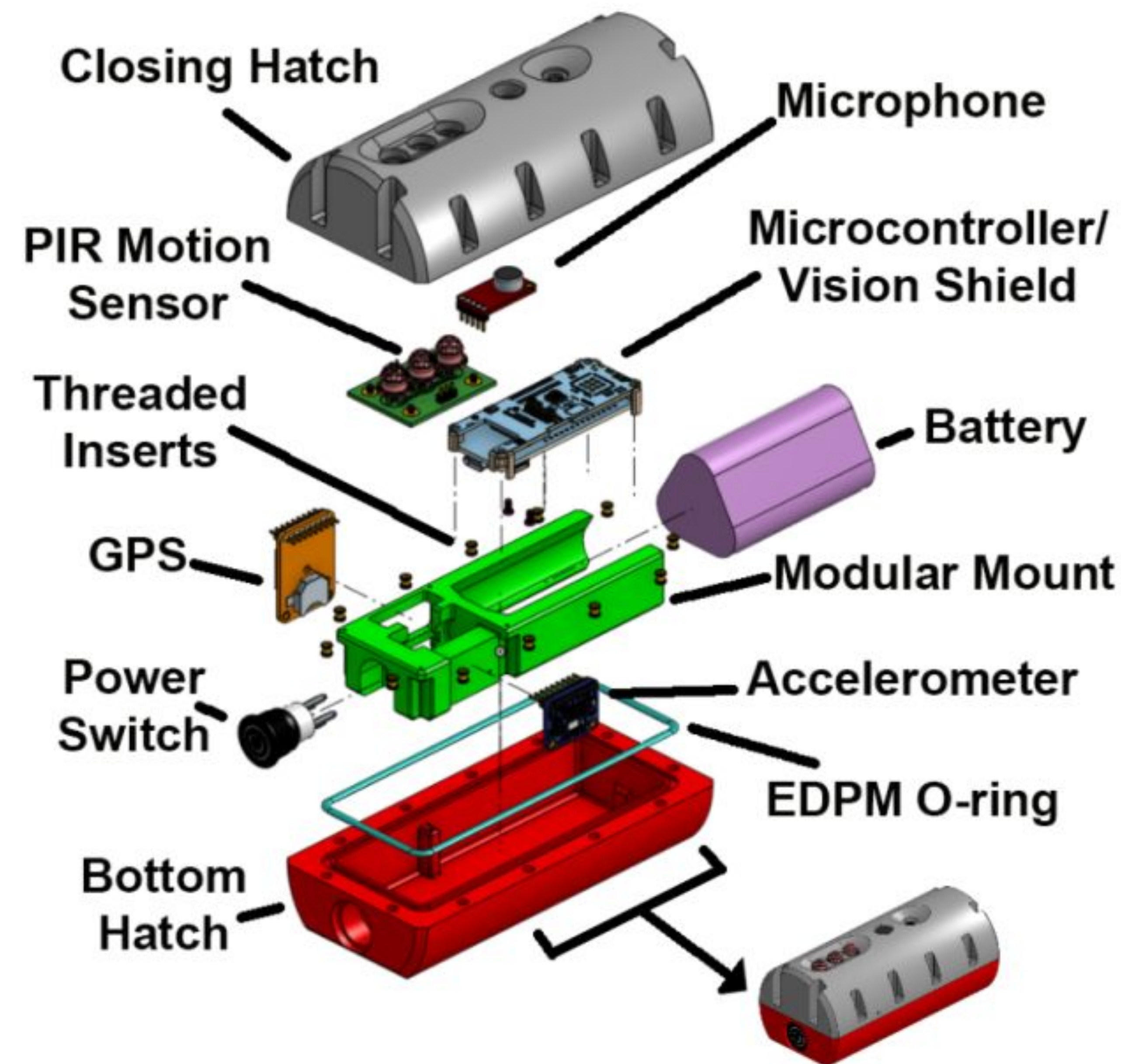
Use Case:

The system will be powered on and launched into a battlespace. Multiple sensors will collect audio, video, and seismic activity which will then be analyzed. Data can be collected for up to 3 days to provide a full understanding of the space around the sensors.

Detection Range:



3D CAD and Exploded View:

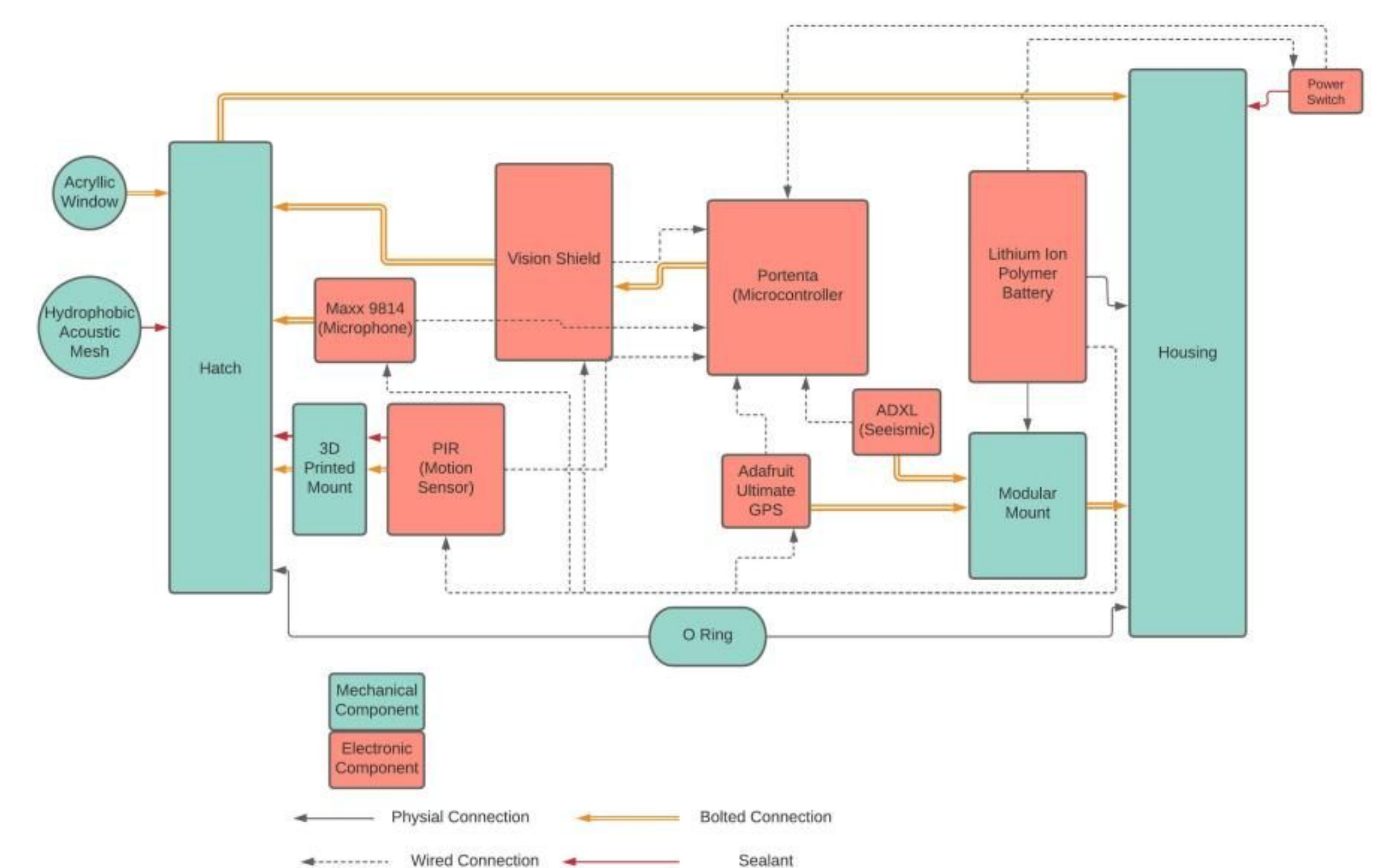


Team ARGUS II:



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System Level Diagram:



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