

| Product / Technology | Applications and Unique Features | Regulatory Status |
|----------------------|---|-------------------|
| Splitter box | <ul style="list-style-type: none"> Head stage allowing the Blackrock NeuroPort Biopotential Signal Processing System to share electrode signals with 3rd party acquisition systems | 510(k) |

| Auxiliary Support | Description |
|-----------------------|--|
| Engineering Expertise | <ul style="list-style-type: none"> Product development using FDA Design Control Processes Microfabrication of silicon- and polymer-based devices <ul style="list-style-type: none"> Custom electrode array architectures for neural recording and stimulation Analog and digital circuit design Embedded systems Custom ASIC development Hermetic packaging Wireless data transmission Custom software development for experiment control, data acquisition, analysis and display Custom neural recording headstages and adapters |
| Regulatory Assistance | <ul style="list-style-type: none"> Rights of reference to leverage existing data from cleared and pre-clinical devices towards new IDE submissions Support and expertise in IDE submissions Support and expertise in IRB submissions |
| Data Repository | <ul style="list-style-type: none"> Centralized repository for data sharing Physiological data Analysis code |

Additional Support

Blackrock will provide technical support assistance towards the successful execution of any joint projects under the BRAIN program. Blackrock may also provide software and hardware engineering support as required for the project.