**Integrated Platform Text under each image**

**Visibility:** Next-to-skin LED-based lighting that provides on-demand illumination ensuring visibility and safety, now with RGB capabilities.

**Thermal Regulation:** Intelligent fabric-based thermal regulation, that can support a variety of functions ranging from microclimate regulation to pain management.

**Sensing:** Seamlessly integrated biopotential and biomechanical sensors that allow for the collection of metrics ranging from heart rate to motion.

**Feedback:** Haptics, TENS, and EMS integrated into soft goods for tactile feedback, notification, and chronic pain management.

**Touch Textiles:** Pressure-sensitive textile constructions used to create interactive interfaces, replacing the need for traditional plastic components.

**Data Transfer:** Transfer of data and power across fabric substrates with limited flow and interference and low resistance, supporting over 4gbps and 40V at 5A.

**Flexible Battery:**

Adaptable battery for a multitude of wearable uses. Flexible, washable, semi-solid electrolyte construction that serves as the industry’s solution to the growing design needs.