

TrekAce® SOUL



Advantages

- **New Communication Channel > Tactile (haptic)** – Reduces the use of shouting /radio /sign or hand signals.
- **Communicating – Voice to Tactile** (by headset's microphone) **OR Speech to Tactile** (by the **Core** robotic sleeve or handgrip buttons).
- **Increases Situational Awareness** – Using tactile information leaving our hands, eyes, ears and attention free!
- **Android Based** – The system works with standard android devices (cost effective).
- **Fully Customizable.**
- **Built for In-Team Mesh Communication** – Can be integrated to 3rd party mesh communication platforms.

Features

- **Intuitive Language (patented)** – Enables operational control, navigation and management of a deployed team.
- **Universal Communication** – Intuitive ergonomic language that is above linguistic, cultural, dialect, accent or other communication barrier. Ideal for training or management of foreign forces.
- **Covert Communication** – Enables silent and smooth force management.
- **Easy to use system** – Simple interface; Intuitive-use; **short training process.**



Operational Gap & Solutions

- **Ensuring immediate commands execution** by receiving party; especially under stress - No more "say again".
- **In-team communication** that is parallel/side-by-side to external communication - No more overlapping orders and instructions.
- **Minimizing cognitive overload** - Leaves the eyes, ears and hands free to the task – Minimizing misunderstandings, misdoings due to action / communication overlaps.
- **Minimizing covert team verbal communication** – No endangering voices!
- **Communication method that is above stress**, a covert yet free communication system – No more "no talk" in covert operations.
- **Smooth implementation, immediate, intuitive usage by operators** – No more lengthy, costly, user's objection-generator implementation.
- **Customizable**; per unit/per mission, vocabulary – No more, rigid, format-based, structured communication attributes.



TrekAce[®] SOUL

Technology

- **The TrekAce[®] SOUL** is a Voice to Tactile and Touch to Tactile application that enables users to communicate using tactile (touch).
- **TrekAce[®] SOUL** app employs a proprietary Stealthy Operational Universal Language, which is a Universal, intuitive language that is above linguistic, cultural, dialect and of psychological and physical communication barriers.
- **TrekAce[®] SOUL** is a tactical, team-level-C2-MESH Communication app enabling users to communicate using tactile; an Intuitive language enabling effective force management!
- **Perfect for the training and C² of/with foreign forces!**
- **Over 170 Tactile words and sentences possible**, that require **short** training to imprint on the user.

Adaptation & Integration Possibilities

- **System can be adapted to unit's existing communication system** (depends on communication protocol).
- **System can be integrated to legacy communication /C² systems or equivalent (ATAK for example)**, by providing an SDK file for easy integration.
- **System can be adapted to any "future soldier" system** purchased by the military – no need to buy new technologies every time we change platforms.
- **The company is willing to consider cooperation with other companies** in related to the military needs!

**All Applications enhance situational awareness
combined with TrekAce[®] Core
Ergonomic Wearable tactile ROBOTIC sleeve**

Advantages

- **Patented location** on the upper arm for maximum comfort, full functioning operational uses.
- **Transforming voice/touch into tactile commands.**
- **Patented and unique way of communication** (easy to learn and language).
- **Fast communication** - reduces the amount of time it takes for a command to reach all the team's operators.
- **Easy language to learn, very intuitive** - Decreases the time it takes for operators to understand the command given.

