



Communication

With the communication application, covert group communication is possible by sharing pre-defined tactile commands. Using the communication button or app, short simple signals can be sent discretely without being seen or heard. The receiver will feel the pattern and the direction of the sender.

Communication remains possible even in conditions with low visibility when emission of light or sound is undesired.

- Send messages that cannot be seen or heard
- Integrated in clothing: equipment not visible
- Exact timing of group action
- Discrete initiation of retreat
- Easy signals and predefined commands

“Crisp and clear communication”

How it works

Our shirts are worn as underwear, so the wearer remains covert. Users can send simple messages to team members. For example when they have reached position, or to start a certain action. Communication signals can only be picked up by the team members and are thus unknown by others.

Intuitive signals

The vibration patterns can vary both in amount of vibrations and length. Intuitive pattern designs can resemble the message, e.g. ‘move forward’ can be displayed by a fast sequence of vibrations moving from the back to the front of the torso.

Signal inputs

The system can be set up with either a number of pre-programmed commands and a smartphone app, or with a customizable button control. For users accustomed with Morse code, a single button for signal input can be attached.

Facts

- Tested with the Royal Netherlands Army
- Available for Elitac hardware:
 - MNB 2.0 (expected 2017)
 - OPSskin (available now)
 - Custom hardware
- Requires:
 - Existing network infrastructure for data (e.g. smartphone)
 - Smartphone to send commands
- Compatible with:
 - Android (iOS on request)
 - Physical buttons (Bluetooth or USB, on request)
 - Existing radio systems (requires access to data port, on request)
- API for connecting existing information systems:
 - To monitor positions
 - To send (group) commands from a terminal
 - To mirror existing grouping in command terminals
- Price: Free *

** In combination with Elitac hardware purchase. No warranties. Technical support is available at cost price. SLA and/or custom work upon request.*