

Cardo Systems, a private company established in 2002, is a market leader in wireless communications. Cardo pioneered a new market, bringing state of the art wireless Bluetooth® communication solutions to the motorcycle helmet industry, and has dominated this market ever since. Leveraging their extensive and proven experience, Cardo Systems established Cardo Crew, Cardo's B2B business unit focused on bringing wireless communication solutions to the Personal Protective Equipment (PPE) market.

The Comm-Set is a first of its kind smart hearing protection device facilitating teamwork in hazardous and noisy environments. It is powered by Cardo's proprietary Dynamic Mesh Communication (DMC™) technology, a mature wireless mesh intercom solution, enabling team communication for professional verticals including construction, first responders, work at height, industrial, and other fields where communication is critical for team safety.

Comm-Set allows a team of two to fifteen (15) randomly moving team members to communicate with each other while keeping their hands free. Unlike Bluetooth, the Comm-Set solution offers extensive range and exceptional coverage, supporting a large number of users in a single ad-hoc and 100% autonomous network. It frees the user from the need to press a button and wait for their turn to speak. Comm-Set can connect to a 2-way radio (LMR) and protects the user's hearing by supporting level-dependent/listen-through technology. Unlike the typical daisy-chain sequencing of Bluetooth networks in which one loose link is enough to break the whole connection, a DMC network allows a member to leave the network while the rest of the network stays intact.

In addition to its wireless mesh intercom capability, Comm-Set packs a rich set of features including Bluetooth connectivity, Bluetooth streaming, built-in FM radio, and 2-way radio connectivity, along with its state-of-the-art voice activation engine. Comm-Set provides peace of mind for team members communicating in hazardous environments and makes teamwork safer and more efficient at the same time.

Comm-Set – The Benefits:

- Self-healing: Leave and rejoin the group automatically
- Self-configuring/routing: Once powered on, DMC technology instantly creates the intercom network.
- Dynamic: DMC adapts and continuously rebuilds itself, to ensure communication is maintained in the best way possible
- Autonomous: Communicate wherever you are – no need for base stations or cellular network