



## Project Objective

- Execute the industrial design and mechanical engineering of a P25 two-way portable radio
- Create a radio used by counterterrorism agencies that can record transmissions for intelligence gathering, evidence collection, and officer safety
- Develop an intuitive and easy to use interface for undercover and surveillance situations
- Employ a ruggedized, IP55 protected enclosure
- Design an optional clip-on battery for extended missions

## HelixOne Approach

- Foam mock-ups utilized to explore ergonomics and use cases
- Industrial design to generate aesthetic and functional concepts that fit the tactical and surveillance space
- Mechanical engineering to implement industrial designs and execute production documentation
- Rapid prototyping throughout to optimize designs, reduce risk, and shorten time-to-market
- Review and inspect first article parts and work with manufacturing partners to avoid issues



...even when you don't want your products to be seen!



### Product Solutions

- Executed cutting edge industrial design for a product that consolidated audio surveillance, recording, and tactical communications into one unit
- Meets or exceeds IP-55 customer targets for drop and ingress protection while maintaining compact, rugged form factor
- Designed optional clip-on battery extender to provide higher voltage/longer life

Call the Helix Design sales team @ 603.644.1408 the next time you could use some product development-related innovation, peace of mind, or strategic insights (out in the open or undercover)!