**What it is...**

iSlide is a rescue device made to detect and locate buried avalanche victims using the iPhone. It is compatible with commercial avalanche beacons on the market today.

**Our design...**

- **Antennas** (Tuned to 457-kHz)
- **Signal Amplifiers**
- **Microprocessor** (Signal Processing)
- **iPhone** (GUI)

**How it works...**

iSlide exploits the figure-8 radiation pattern of two mutually orthogonal antennas to guide the user towards the transmitting beacon worn by a buried victim.