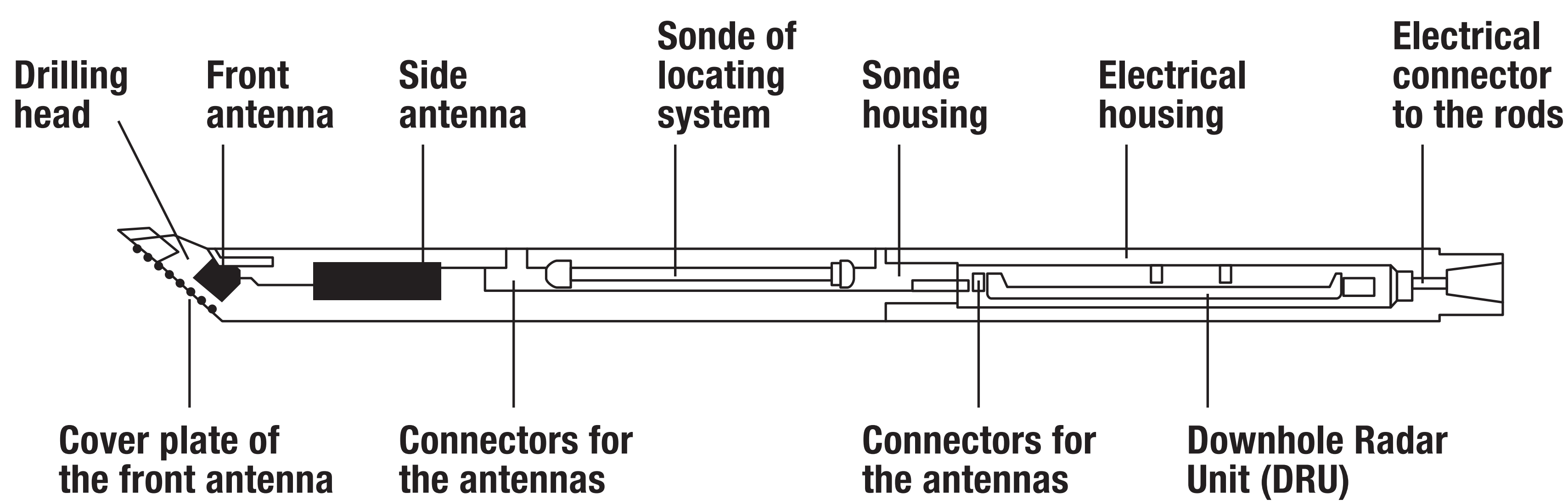


# ORFEUS Project: Optimized Radar to Find Every Utility in the Street

“How to give sight to a blind technique.”



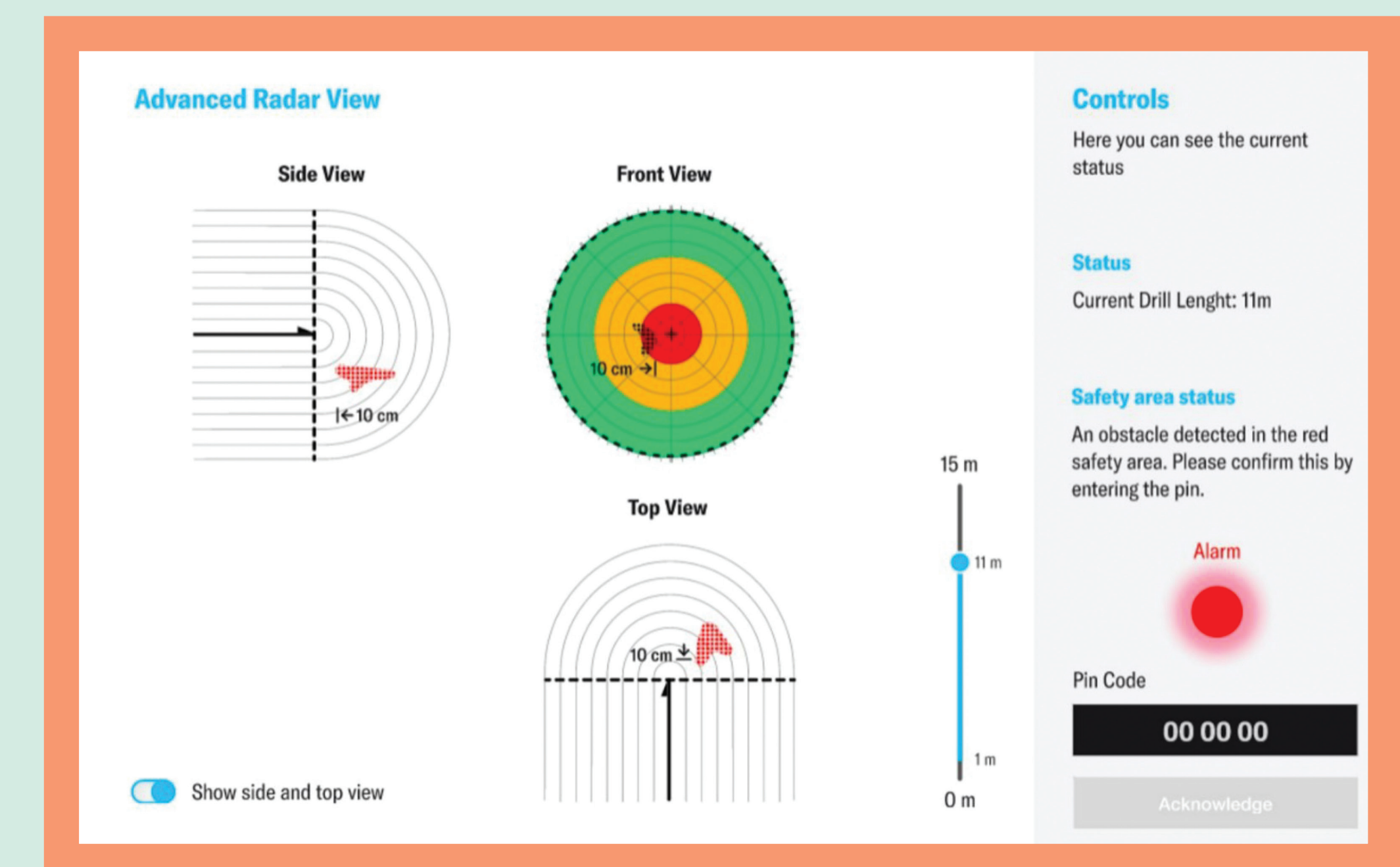
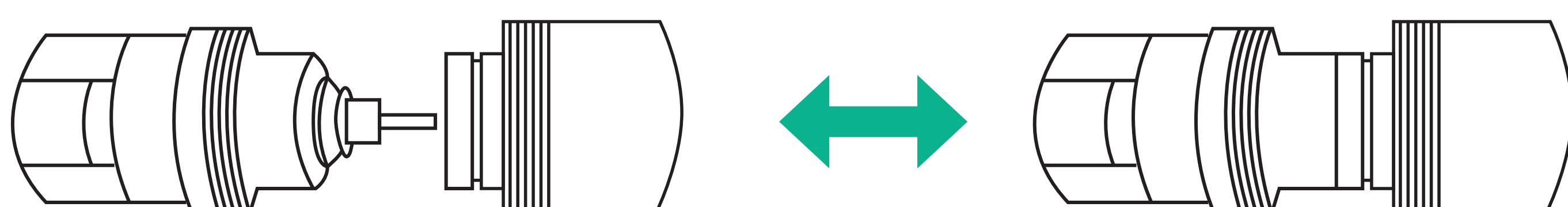
## Technical presentation of the drilling head



## Human Machine Interface



**Coaxial cables, in the drill string enables high-speed communication, and power transfer, between the radar and surface equipment, over long distances**



## Real-time overview with a clear colour scheme:

- Green:** no obstacles
- Orange:** obstacles close to the pilot hole; closer data inspection may be necessary to rule drilling path changes
- Red:** obstacle detected. The drill will stop automatically, if desired, it will require PIN entry to be unlocked