

Cost Analysis/ROI effectiveness

Q. What is the return on investment of the solution?

To understand ROI let's first talk about how the current expenses are going for the glasses solution and where we could stand with this.

A pair of smarters appears to cost around ~1100 EUR and with at least 1300 nurses and over 7500/9000 patients being at home it becomes nearly impossible to share these devices, meaning a 1-1 nurse-glass approach or 1-2 must be deployed, coming to cost for at least **700'000 EUR** (notice there the constraint given at very beginning of less than half an expectancy budget overflow)

The smartwear at best could give a 1:2 ratio help.

This solution could potentially maximise help care performance by 200% bringing the ratio to a good 1:1 and then starting to refine and address case specific scenarios with one extra 50% ROI boost from the acquired 1:1 ratio, thanks to precision intervention due to extra tools and specific low-connectivity software, but also mountable gadgets, such as tripod and lens extensor for FOV ([Universal 8x Zoom](#)).

Speaking of cost a Drone controllable unit is around 600 EUR, considering only a supply of 500 would be sufficient and considering the remaining could be a camera extender and/or auto-pilot drone we shall say around other 400 auto-pilot units and 600 camera extensions. The full scaled solution giving coverage to 100% of personnel's (meaning a 1-1 unit of at **least** one of the following tripod, manual pro drone precision, autopilot drone or camera lens extension) would cost between a **322k -350k EUR**. This falls right slightly above our constraint which is still satisfied since it was our alpha release constraint

+300%
KPI

.35Mil
EUR Saved

100%
Coverage
1:1
Personnel:Dev
ice



Tech Spechs

Please refer to the addendum (annex B) for technical details, roadmap
And other documentation

Q.How does it overcome the prior mentioned pitfalls?

It does so by integrating a synergy of approaches in one solution, allowing for scalability flexibility and additional development, this is why a product pipeline of **Production driven Development** has been chosen, which allows for fastest timelines and flexible systems, instead of robust but not customisable and slower production (TDD)

As mentioned this solution will deal with low connectivity (online and offline streaming and Agora SDK allows for lossy compression to customise bitrate). On a sidetone Parrot SDK has been chosen because it interfaces with custom hardware which creates its own WiFi channel of communication

Q.Is it applicable to an iPad or other iOs device?

This is an iOS only solution and by using **catalyst** it will be available for iPad, iPhone and macOS. A future plan could be to enable direct communication and monitoring of vitals through apple watchOS/ wearables, but this after the detailed 12mo pr 😊

