

BlueEye Handsfree

Wearable Video for Paramedics and Nurses

A COVID-19
CASE STUDY
IN IRELAND

IRISH
HEALTHCARE
AWARDS

2020

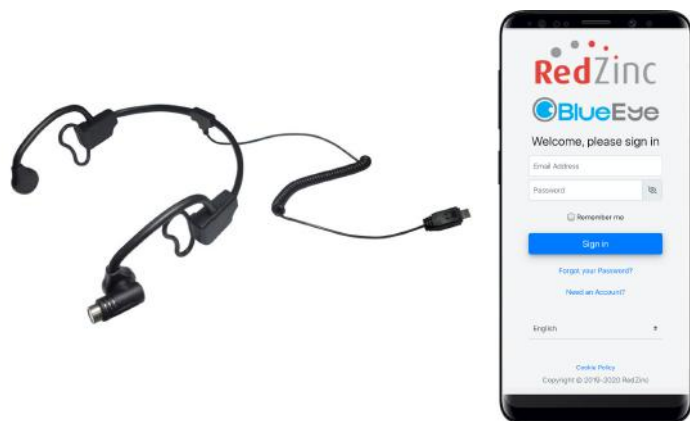
SHORTLISTED



“RedZinc demonstrated their BlueEye Handsfree wearable video service for paramedic at our digital academy event in December. Paramedic video from the field is the most technically challenging of telemedicine scenarios. When the pandemic arrived RedZinc were well equipped to pivot their solution for contagion avoidance scenarios for doctors and nurses on wards as well as outpatient clinics.”

Prof. Martin Curley, Director of HSE Digital Transformation

BlueEye Handsfree is a wearable, mobile, point-of-view, wireless video Service Delivery Platform. BlueEye connects the paramedic or nurse at a remote patient site with the doctor via a video headset which sends live video to the doctor.



The ergonomic design and lightweight hardware makes the video camera easy to wear and use in an emergency. The doctor in the hospital can see the patient during the critical golden hour, giving senior medical support and help with pre-hospital diagnosis, treatment and oversight. The doctor can also speak with the paramedic/ nurse and patient.

During April 2020 the BlueEye Handsfree wearable video solution was offered to HSE Digital Innovation as a possibility to support nurses and doctors on wards to avoid contagion using wearable video between isolation rooms and remote medical teams. Our wearable video devices were adopted by Tallaght University Hospital (TUH). During the Covid-19 surge in April - May 2020 BlueEye Handsfree sets were in use for observing patients in isolation rooms. Other uses for the BlueEye Handsfree sets included ward rounds and for training of junior doctors in Emergency Department.

The Outcomes

TUH found great use of the BlueEye Handsfree sets during the Covid-19 crisis. It helped **save on PPE gear usage** as one member of staff could enter the room and transmit the data back to others at a personal computer. The ease of use of the equipment and the viewing portal was noted as an advantage point for the BlueEye system.

Wearable video gives optimised operational efficiency for hospital staff and hence:

- ✓ **Optimises** availability of senior staff in different locations, at different timeframes
- ✓ **Saves hospital resources**

Cost-savings through higher efficiencies: Wireless over WiFi, 4G or 5G avoids the cost and infrastructure issue of putting fixed cameras in place.

For more information about BlueEye Handsfree, visit: <https://redzinc.net/blueeye-handsfree/>



RedZinc Services Ltd. is an Irish Software-as-a-Service company with web-based, real time video communication solutions for healthcare, industry and security.
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