



BIRD: Real-time patient monitoring



SENER DIGITAL / SPAIN

BIRD: REAL-TIME PATIENT MONITORING

Cliente: SENER

País: Spain

BIRD is a digital solution for **the real-time monitoring of your patients' vital signs** and activity, through a wearable device. With it, healthcare professionals have an alarm system that, along with internal and external sensor positioning, can help them to act immediately when dealing with convulsions, falls, cardiac arrhythmias, fever, or any other event that you want to enter onto the platform.

BIRD devices collate data on a patient's vital signs and physical activity, as well as the device's accelerometer and battery level. The information is transmitted via Bluetooth to sensors installed inside and via GPS outside. Healthcare services can therefore **continually manage the data and locate the patient** at any given time via an algorithm developed by SENER.

Thanks to BIRD's **artificial intelligence**, healthcare staff can anticipate problems caused by possible anomalies in a patient's vital signs and can accelerate their response in the event of an incident, in addition to it reducing their workload in recording vital signs.



This improvement in healthcare quality helps in terms of transparent communication with families through comprehensive reports on the platform, guaranteeing continuous monitoring of the patient's progress.

In addition, BIRD gives information which makes it easier to monitor medical and physiotherapy treatments, providing a detailed record and advanced analyses of the patient's clinical information.

It accelerates healthcare in the event of an incident

Real-time patient location

Online follow-up of medical treatments

WHAT DOES BIRD DO

- Continual monitoring 24/7.
- Ability to anticipate incidents.
- Continuous monitoring by family members.
- Reduced healthcare costs.



- Reduced hospital admissions thanks to preemptive action.
-