



HOPE: Handling Operator Protective Equipments

Problem

Control the presence and position of Personal Protective Equipments (PPE) for a worker to certify the application of Safety:

- Be sure that every operator working on construction sites wears all the protective equipment that has been assigned to him.
- Increase safety accordingly.
- Promptly intervene where there is a discrepancy with respect to the specific planning and assignment of protections.



Solution

Wearable Integrated system based on:

- Electronic equipment to check presence of PPEs and their relative positions.
- Check of falling
- Panic Button to send immediate messages in case of emergency
- Mobile APP to check mandatory PPEs, to monitor works and actions
- Server to collect all data
- Dashboard to check several worksites at a glance

