



# 6<sup>th</sup> Mobile IoT Summit



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Intellinium

Every 15 seconds, a worker dies  
from work-related causes

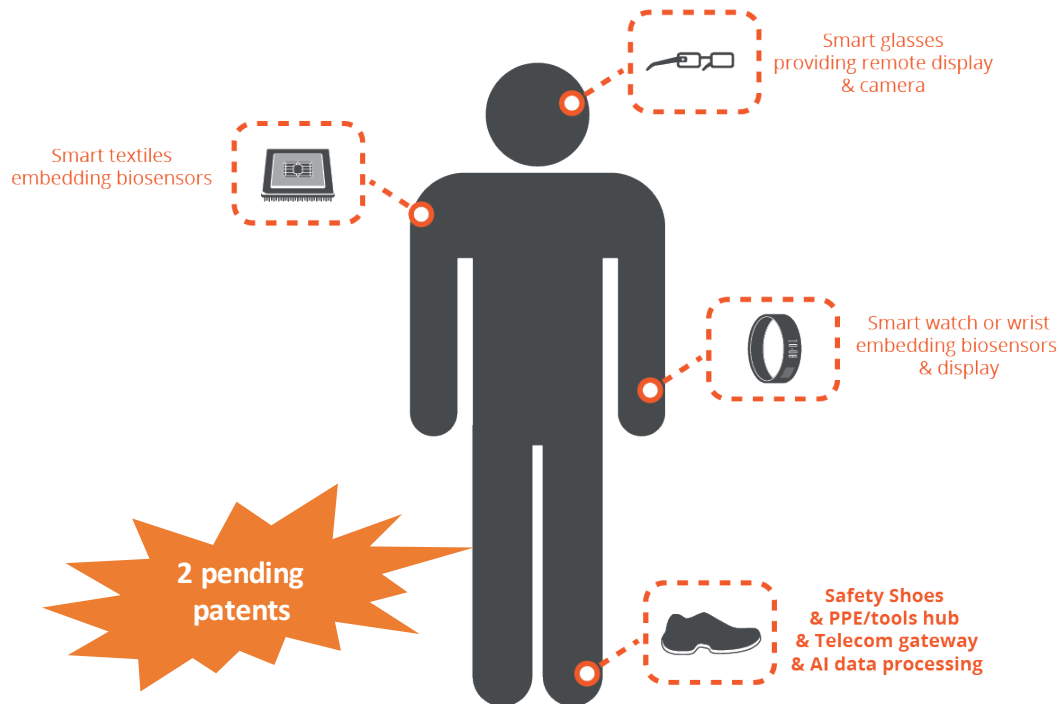


**IO, the first smart & connected safety shoes  
that save workers' lives**



# Our innovation targets worker safety use cases

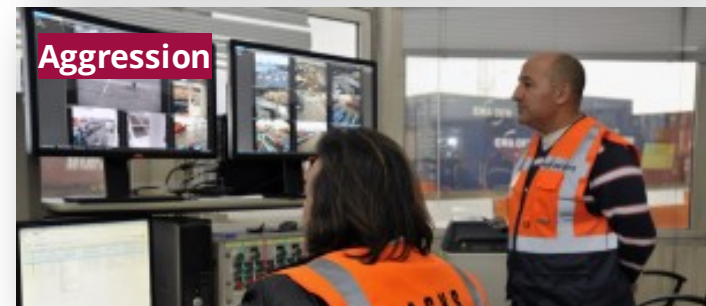
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- No smartphone is required
- Hub or Gateway for other wearables (glasses, watches...)
- No EMF on sensitive body areas (head, chest, genitals region)
- Bluetooth Low Energy 5 + 4G with 2G fallback, LTE-M1/NB1
- 3 months power autonomy
- ATEX, IP68, IK06



**Man-down**



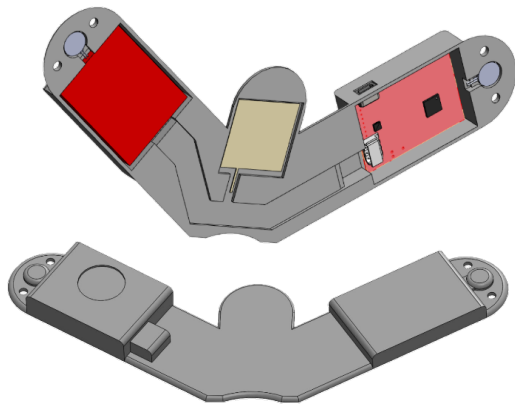
**Aggression**



**Receiving alerts even in noisy and harsh telecom environment**

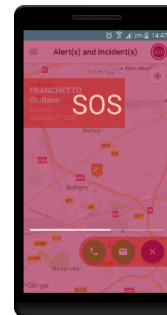
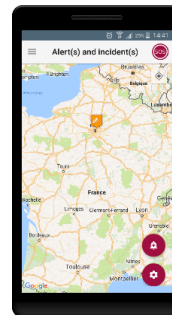
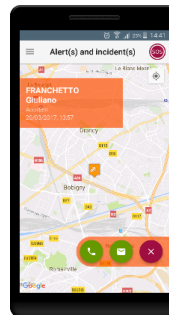
# Off-the-Shelf End-to-End Solution

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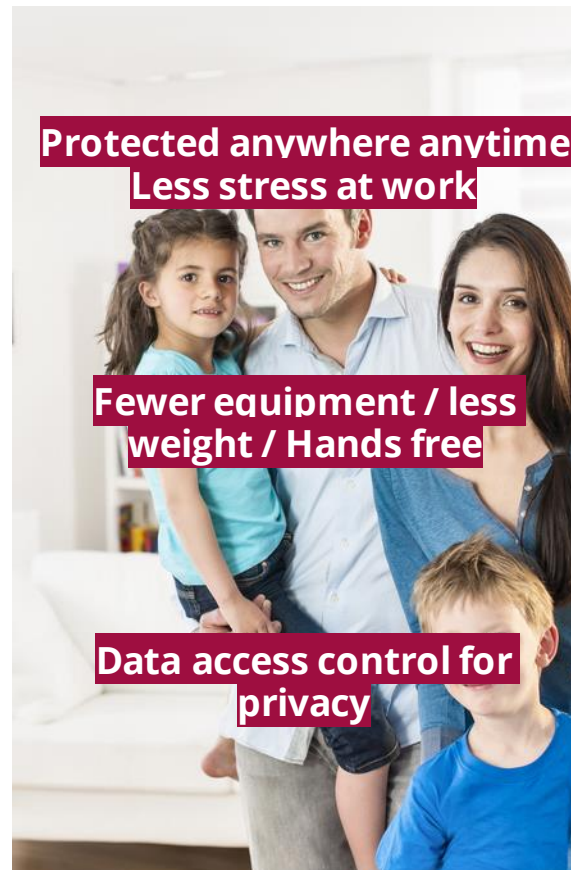
# Our solution benefits to all stakeholders

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## Company



## Worker



## Insurer



# Our customers "pains" and LPWA technologies

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Mission-critical communication link for assets protection (worker, machines, infrastructures...)



- Extended building **penetration**
- Increase **national and international** coverage
- **More autonomy** (a few weeks to a few months)
- **Reduce telecom operating cost** for a large number of machines and protective equipment
- **Reliability**
- **Security**
- **Scalability**
- **Small to very small** quantity of data (a few bytes)



- ✓ **Multi-modes** **LTE-M**  **NB-IoT**  **GSMA** 
- ✓ **Multi-operators** connectivity anytime anywhere
- ✓ **Ultra** low power consumption
- ✓ **Cost structure** designed for reducing hardware and small packets telecom cost
- ✓ **Enhanced root of trust security** by using custom domain in modem embedded eUICC



# Why is cellular LPWA so appealing?

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## Cellular LPWA – Mobile IoT

## PLUS all the benefits of cellular

C

### COVERAGE

164dB of Link Budget  
Unrivalled network density



C

### CONSUMPTION

100x lower power than 4G LTE  
Extended battery life



C

### COST

50% hardware reduction from 4G LTE  
Competitive subscription prices



**Global  
Service**



**Durable  
Investment**



**Trusted  
Ecosystem**





It's time to change the game

Help us save workers' lives !