

Smart Alert

Know your hearing is protected.

Stop guessing



Noise exposure is cumulative and invisible. Every day, millions of workers are exposed to harmful noise levels that slowly damage hearing.

Occupational noise-induced hearing loss is the world's most common, yet **completely preventable**, workplace disease.

Conventional noise assessments only provide a snapshot. They rely on assumptions and estimations, while real protection depends on how noise control mechanism are used, and hearing protection devices are worn, fitted, and maintained, factors often unknown or overlooked.

Smart Alert complements noise risk assessments and helps prevents hearing loss through real-time, personal monitoring; continuously tracking, calculating and reporting **at-ear** noise exposure. It empowers workers to manage **their** personal exposure, supervisors to oversee teams, and organisations prove compliance with noise regulations.

Dynamic Assessment to Active Protection

How Smart Alert works

- 1 IoT Sensor Technology**
A collar sensor monitors unprotected noise, in-the-ear sensors monitors protected noise, calculating actual cumulative exposure across entire working period.
- 2 Real-Time Alerts and Warnings**
Immediate warnings (at earplug and optional watch/phone apps). (1) Permissible daily exposure level is exceeded (2) 'Prediction' that daily levels will be exceeded, prompting user to take preventative corrective action.
- 3 Cloud Dashboards & Analytics**
View exposure data by day, week, month, team or business unit. Identify frequently high & overexposed individuals for targeted support and intervention.
- 4 Complementary to Noise at Work Assessments**
Bridges gaps between periodic assessments, providing ongoing insight and confirmation of noise control practises.

What changes with Smart Alert?

- **Real-time awareness.** Know your exposure instantly.
- **Data-drive safety.** Objective evidence for compliance.
- **Empowered workforce.** Promotes safer habits and accountability.
- **Reduce long-term health impact.** Proactively prevent hearing loss.
- **Human Sustainability.** People go home & one day retire, well !

Book your demo

Discover how Smart Alert strengthens your hearing loss prevention programme