

VERISHIELD™ SMART HEARING SOLUTION

Hearing Conservation. Let's Make It Personal.

Honeywell
HOWARD
LEIGHT

CONTINUOUS RISK MONITORING PREVENT HEARING LOSS BEFORE IT HAPPENS

Prevention starts with awareness. Monitor, analyze and detect hazards before hearing loss appears. Upgrade your safety program with VeriShield Smart Hearing Solution (VSHS). Combining cloud-based software and connected, protective headsets, VSHS monitors noise levels, helping you identify risks before they become a health issue or a significant business cost.

PREVENT NOISE-INDUCED HEARING LOSS

Occupational noise-induced hearing loss (NIHL) has long been a severe risk to workers and a significant challenge for safety professionals. Unlike most other occupational health and safety injuries, NIHL often goes unnoticed until it's too late.

Wearing hearing protective equipment that reduces exposure to all noises, workers can feel isolated and less aware of their surroundings and situation. Therefore, they often remove protection, risking permanent hearing loss. Even when hearing protection devices are worn, the actual protection achieved may not be at the level stated by the manufacturer, because of several factors including incompatibility with the other PPE, or user misuse.

Each worker is unique and has different susceptibilities to NIHL. Noise risks are also diverse and can arise in unforeseen ways. The best way to protect individuals exposed to hazardous noise from NIHL is to detect the threat as it happens and to offer workers personalized solutions.

CONTINUOUS HEARING LOSS PREVENTION WITH VSHS



DETECT. PROTECT. PREVENT.

Reduce the risk of NIHL in three easy steps. VSHS is here to help:

- Identifying individuals most likely at risk of NIHL;
- Sharing insight with them about the environment and their behavior;
- Designing personalized hearing conservation programs to meet their needs.

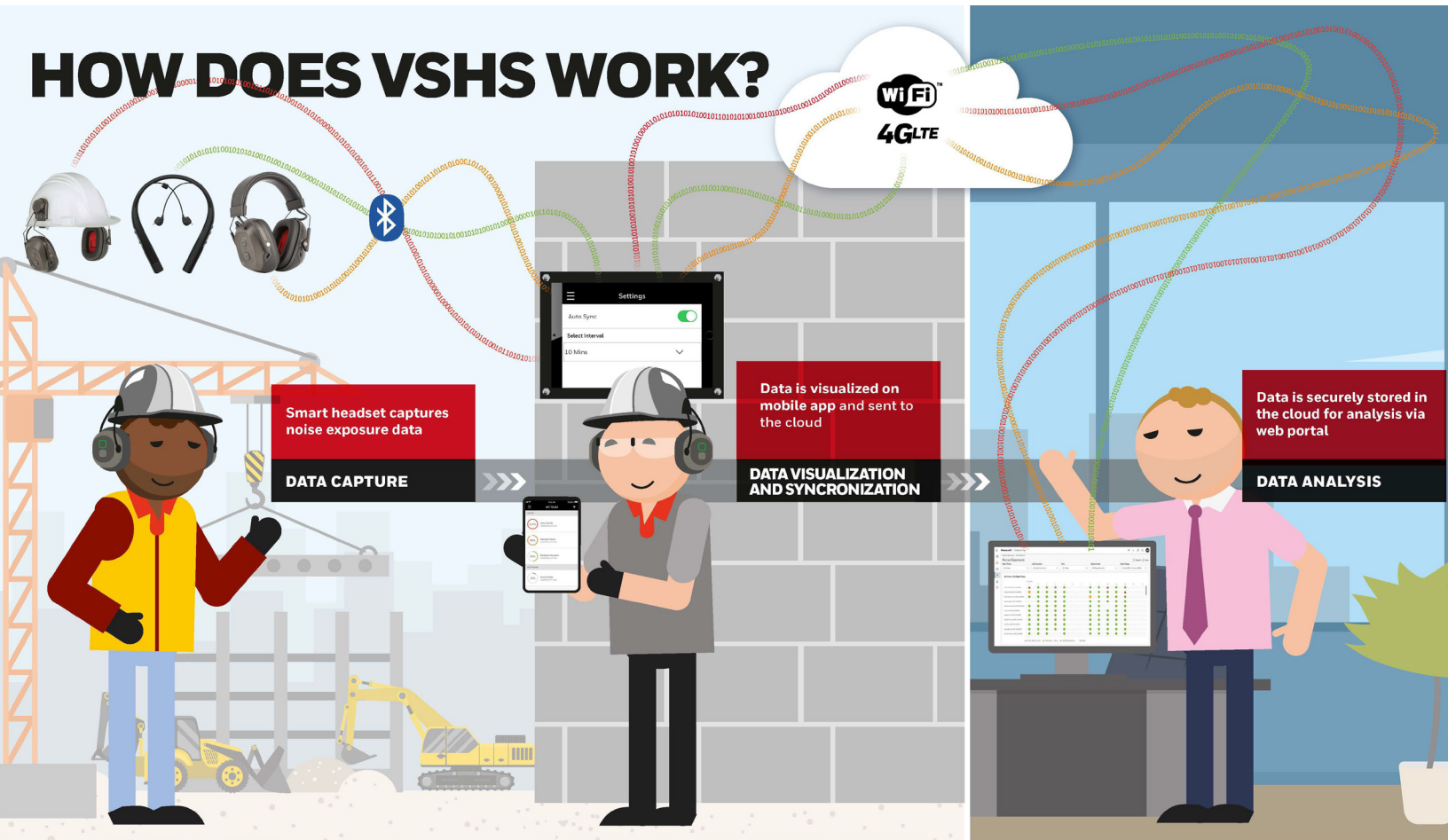


**HONEYWELL
VERISHIELD™**

**SMART
HEARING
SOLUTION**

See What They are Hearing

HOW DOES VSHS WORK?



VERISHIELD™ SMART HEARING SOLUTION (VSHS).

A WEALTH OF DATA

Exposure to unsafe noise levels on job sites adversely affects millions of workers. That accounts for 16% to 24% of all hearing loss cases reported worldwide, according to the National Institutes of Health (<https://www.nih.gov/>).

A continuous personal noise exposure monitoring solution, Honeywell VSHS provides hearing safety, but most importantly, it offers instant visibility of workers' protection levels and noise exposure.

With web and mobile app data services wirelessly linked to smart headsets, VSHS offers instant access to continuous exposure data. It allows managers to remotely monitor noise levels and worker exposure across multiple teams, on a visual dashboard. It can automatically generate records that help companies comply with regulations and increase the efficiency and reduce the cost of administrative activities.

The data generated can help safety managers improve their companies' hearing conservation programs by developing a personalized approach to worker safety.

GAIN AWARENESS

- Find out if headsets are worn correctly
- View data remotely on your smartphone or computer
- Get real-time insights into noise exposure
- Have continuous access to noise data on individuals, teams, sites
- Monitor and view info on peaks, patterns, unusual occurrences

BOOST SAFETY

- Reduce background noises to safe levels
- Headsets have a hear-through function for critical conversations and alarms
- Alert workers on their daily noise limits
- Increase workers' acceptance by showing them noise hazards
- Create personalized hearing conservation solutions

INCREASE EFFICIENCY

- Better-fitting, comfortable hearing protection
- Reduce time-consuming administrative and reporting procedures
- Improve your hearing conservation programs
- Develop a personalized approach to worker safety
- Reduce costs by simplifying procedures and saving resources



WHO SHOULD USE IT?

VeriShield Smart Hearing Solution (VSHS) equips safety professionals with actionable insights that enable them to provide personalized hearing loss prevention solutions for every worker. By taking the guesswork out of worker noise exposure, VSHS offers improved safety while allowing companies to create more efficient hearing protection strategies.

It is ideal for all employees who are exposed to high noise levels, work in a changing and unpredictable noise environment, or have already recorded hearing damage.



VERISHIELD™ SMART HEARING SOLUTION COMPONENTS.

SAFETY SUITE WEB PORTAL

Data on noise-level exposure only has value when it is analyzed, reported, shared, and acted upon. Safety Suite Software Web Portal is the central component of the VSHS solution, where data are collected and analyzed to provide actionable insights for safety professionals. It processes the data stored in the cloud for easy interpretation and analysis. VeriShield Smart Hearing Solution continuously collects data from the hearing protection equipment and integrates it into the Safety Suite Software Web Portal.

Get your vital data on individuals, teams, sites, and across the whole organization:

- at-risk worker identification;
- work environment analysis;
- noise peaks, patterns and unusual occurrences;
- high exposure root cause analysis;
- historical exposure data and hearing shifts;
- employees who don't use PPE as required;
- workers who have ignored the in-headset alarms;
- PPE function and maintenance effectiveness;
- trend identification.

VERISHIELD MOBILE APP

Using the mobile app not only enables supervisors to monitor the noise-level exposure of their teams or individual workers, but also lets the workers themselves view their noise exposure at any time.

Data are gathered from the integrated sensors in the VeriShield™ 300 Series Headsets and is then converted into a visual display of exposure. This will be visible both on the supervisor's mobile phone for all headsets within range, and on the wearer's own mobile phone.

Easy-access controls provide control of app features such as reset dose, fit testing, calibration, firmware updates and headset/cloud database synchronization.

VERISHIELD™ 300 SERIES HEADSETS

Hearing protection begins with the headsets. So does detection and monitoring. The protective headset reduces background noises to safe levels and continuously collects and transmits noise-related data to the Honeywell Safety App, allowing the reporting of critical safety intelligence. Additional protection includes the fit testing function that notifies the user and the safety manager if the device is not properly fitted or worn correctly. VeriShield 300 headsets also provide workers with a hear-through feature that allows them to communicate more clearly and efficiently and to hear critical conversations and alarms.

VeriShield™ Headband (VS321) and Hard Hat (VS321-H) Headsets are over-ear hearing protection Headsets, providing safety and smart data collection. They can also play music by connecting a phone to the headset via a wired 3.5 mm jack.

VeriShield™ In-Ear (VS332I) Headset The **VeriShield™ In-Ear Headsets** are ideal for environments where earmuffs can be uncomfortably hot, as well as for workers who prefer a lighter-weight, slim-profile hearing protection solution. They enable work in confined spaces and around machinery, offering greater compatibility with other PPE. With a built-in microphone for voice communication, the in-ear version allows voice calls and music streaming.





For more information

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HIS_HEAR_VS300_BR_EN_USA_04/2020
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