

Corvex Connected Safety is excited to participate in the Department of Labor's **Hear and Now – Noise Safety Challenge**. Our product, the Corvex Connected Safety™ system provides a holistic approach to worker safety that promises to significantly reduce the incidence and cost of workplace injury.

The Corvex Connected Safety platform combines patent-pending Internet of Things (IoT) technology, cloud-based software and wireless communications hardware to enhance traditional safety programs. Our proprietary platform promotes PPE compliance by ensuring the proper use of personal protective equipment (PPE), enhances safety training and improves safety-driven communications throughout a jobsite, manufacturing facility or even an entire organization.

Although the Corvex Connected Safety system is designed to reduce ALL workplace injuries, it meets the requirements for the Noise Safety Challenge by promoting hearing protection in the following ways:

1. As part of general area/zone requirement for PPE (eg known sound hazard area with constant noise levels above 85 dB). If a designated area requires hearing protection and correct protection is not currently worn, the worker and the safety team are alerted.
2. If sound level reaches time/exposure threshold, device flashes a warning text with vibration, alerting worker that hearing protection is now required even if the area is not a pre-designated zone for hearing protection.
3. Measures and records sound data. Data can be used to analyze current safety protocols or address specific noise causation.
4. The system incorporates learning management training modules for proper PPE use. Hearing protection training will be available as a learning module.
5. Important safety information will be communicated via text on the device. The device will vibrate until the message is confirmed to have been reviewed by a worker who is wearing a Corvex Connected Safety worn device.

Attached find our submission for the Corvex Connected Safety™ system. Please contact me should you have any questions or require additional information.

Regards,



Ted Smith  
CEO  
Corvex Connected Safety

**Safety. Smarter.™**