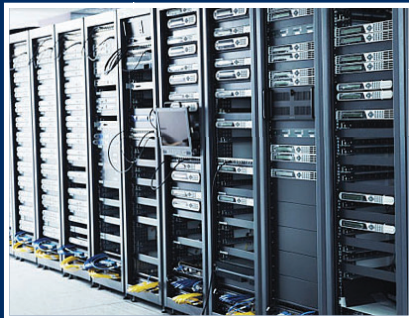


Data Center Industry

Case Study



Sensear 
AWARENESS • COMMUNICATION • PROTECTION



Background

The explosion of the Internet and cloud computing has resulted in the handling of massive amounts of data. This data is managed in large data centers that represent the backbone of numerous companies' information technology systems. As a result, most major technology companies are running and supporting massive server farms in locations around the globe.

Problem

Noise in a data center is an ongoing issue. As computing platforms have become more dense, requiring large and robust cooling fans, the ambient noise in this environment reaches dangerous levels, especially for employees working long shifts.

The constant "whoosh" of the cooling fans and equipment has the potential to cause stress and fatigue while also restricting the ability of workers to communicate. For safety reasons, most data center environments require hearing protection for workers.

However, for the majority of workers in a data center there is a critical requirement to communicate with colleagues and customers both within the data center environment and outside. Traditional hearing protection or noise-cancelling headsets restrict their ability to communicate.

Solution

Sensear's high noise communication headsets are a unique solution for data center workers. These headsets are powered by Sensear's ground breaking **SENS™** (Speech Enhancement, Noise Suppression) technology that elevates speech and suppresses dangerous background noise so workers can hear speech and stay protected in high noise environments.

Within the data center environment, workers can enjoy seamless face-to-face conversations with co-workers without yelling over the ambient background noise. When workers need to communicate using a Bluetooth® device, Sensear pairs easily to most devices so clear conversation is experienced even in the noisiest environments.

Results

The Sensear solution benefits data center workers in a number of ways:

1. Communication is enhanced significantly, resulting in fewer cases of lost or inaccurate communication with clients or co-workers.
2. The risk of hearing loss is significantly reduced as workers are always protected. Since they can perform their job effectively with the headsets on, there is less temptation to remove them or go to a quieter area to communicate, thereby enhancing productivity.
3. Employee stress levels and fatigue are significantly reduced because they are having a normal hearing and communication experience even in a hostile noise environment.



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