

**50 YEARS** PROTECTING LIVES AND PROPERTY

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**SILENT NOZZLE**

## I. Introduction

- Datacenters
- Trouble causes

## II. Silencers

## III. Siex SALCxx nozzle features

## IV. Advantages of use

- Comparative
- Conclusions



- Internet era
  - Data centers proliferation
  - Disruptions costs are higher than ever
- Hard drives
  - Sensitive equipment
  - Some models may disrupt due to **high sound pressure** plus **high frequencies**
- Some firefighting systems may interfere normal performance
  - Pneumatic horns: 125 dB
  - Agent discharge: 120 dB



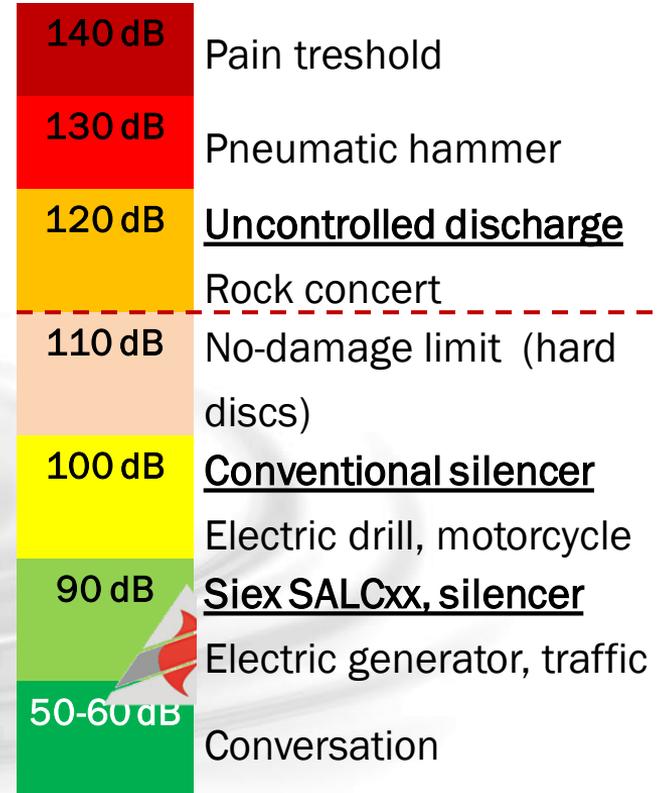
**SOLUTIONS: <110 dB**

- Out of the enclosure
- Silent nozzle

- SIEX guarantees total protection
  - Notable noise reduction:
    - » Standard discharge: silent nozzles
    - » Constant Flow discharge: pressure reduction
  - Total protection against fire:
    - » Approved systems



**Bureau Veritas**  
Witness  
certificate



- Noise reduction:
  - Below 90 dB if discharge is 60 bar
  - Below 80 dB if discharge is 50 bar
  - Constant Flow Technology permits lower discharge pressures
- Esthetic finishing
- Fixed vertically onto discharge piping
- Models:
  - Sizes: from 1/2" BSP to 1 1/2" BSP
  - Radial: 360° or 180°



- ✓ **Versatile:**
  - Can be mounted on new installations
  - Suitable for existing installations: little adjustment tasks → improves old systems' features
- ✓ **Esthetic finishing**
- ✓ **Fixed onto discharge piping in a vertical position**
- ✓ **Models:**
  - Thread from 1/2" BSP to 1 1/2" BSP
  - Radial: 360° or 180°



QUESTIONS?

Thank you for your time