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Thank You for Attending Our June Webinar

Advances in Noise Dosimetry: Survey and Continuous Monitoring Applications with the New Quest Edge 7 & 8



Your Host

Rick Drucker
Business Development
Lesman Instrument Co
rickd@lesman.com



Featured Speaker

Jason Rutz
Global Product Manager
TSI Incorporated



Featured Speaker

Komi Toviawou
Product Specialist
TSI Incorporated

Contents



- Intro
- Key Features
- Value walk through of features
- DMS reporting software

Intro



- The New Quest Edge 7&8 Dosimeters are the latest additions to TSI's Quest Edge Noise and Sound portfolio.
- The New Quest Edge 7&8 are more powerful and durable than any Dosimeter we've ever released.
- The Quest Edge 7&8 dosimeters come standard with a powerful and complete package of features that will ultimately make your job easier.

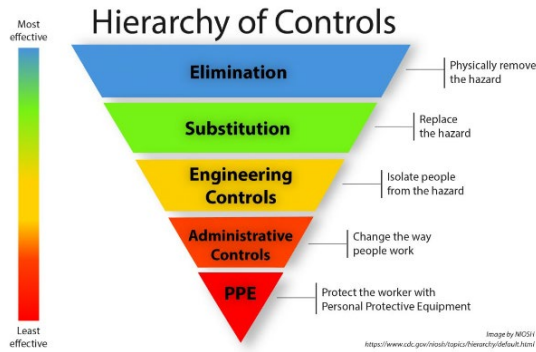


Quest® Edge 7(Non-IS) & 8(IS) - Key Features



Key Feature	Included or Available on Edge 7 (Non-IS)	Included or Available on Edge 8 (IS)	Other leading industry dosimeters
1/1 Octave Band Analysis	Included	Included	Not available or \$Upgrade
Audio Recording	Included	Included	Not available or \$Upgrade
Voice Memos	Included	Included	Not available or \$Upgrade
Pause Study	Included	Included	Varies by model
Configurable Ceiling count and reporting	Included	Included	Not available
User-Friendly DMS Analytical Software	Included	Included	Not available
Intrinsic Safety Approval	Not available	Included	Varies by model
Configurable logging intervals down to 1 second	Included	Included	Varies by model
4 virtual meters including OSHA HC and OSHA PEL, ACGIH and Custom	Included	Included	2 to 3 Virtual Dosimeters
Remote real-time link to Dosimeter	BLE5 Bluetooth Available	BLE5 Bluetooth Available	Not available or older BLE range
Live iPhone/Android Edge dB App (Mobile devices and Tablets)	Included	Included	Not available on most IS models
Accredited Factory Calibration and Repair Services	3 and 5-year Plans Serviced in USA	3 and 5-year Plans Serviced in USA	Many ship outside US for calibration and service

Multiple Studies



- Value Proposition

- The ability to run simultaneous studies allows the administrator to more efficiently validate the data across various standards in less time.

OSHA

PEL

Permissible
Exposure
Limits

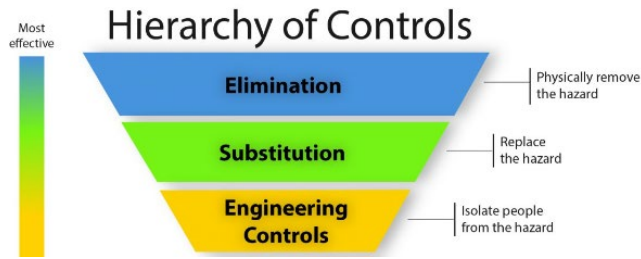
OSHA

Hearing
Conservation

ACGIH

Custom

Voice Notes

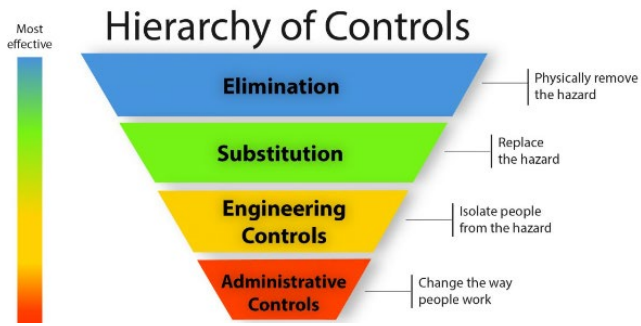


- Value Proposition

- Voice Notes allows the administrator to more efficiently capture verbal notes about location, description, and noise events. *Must be activated in DMS*

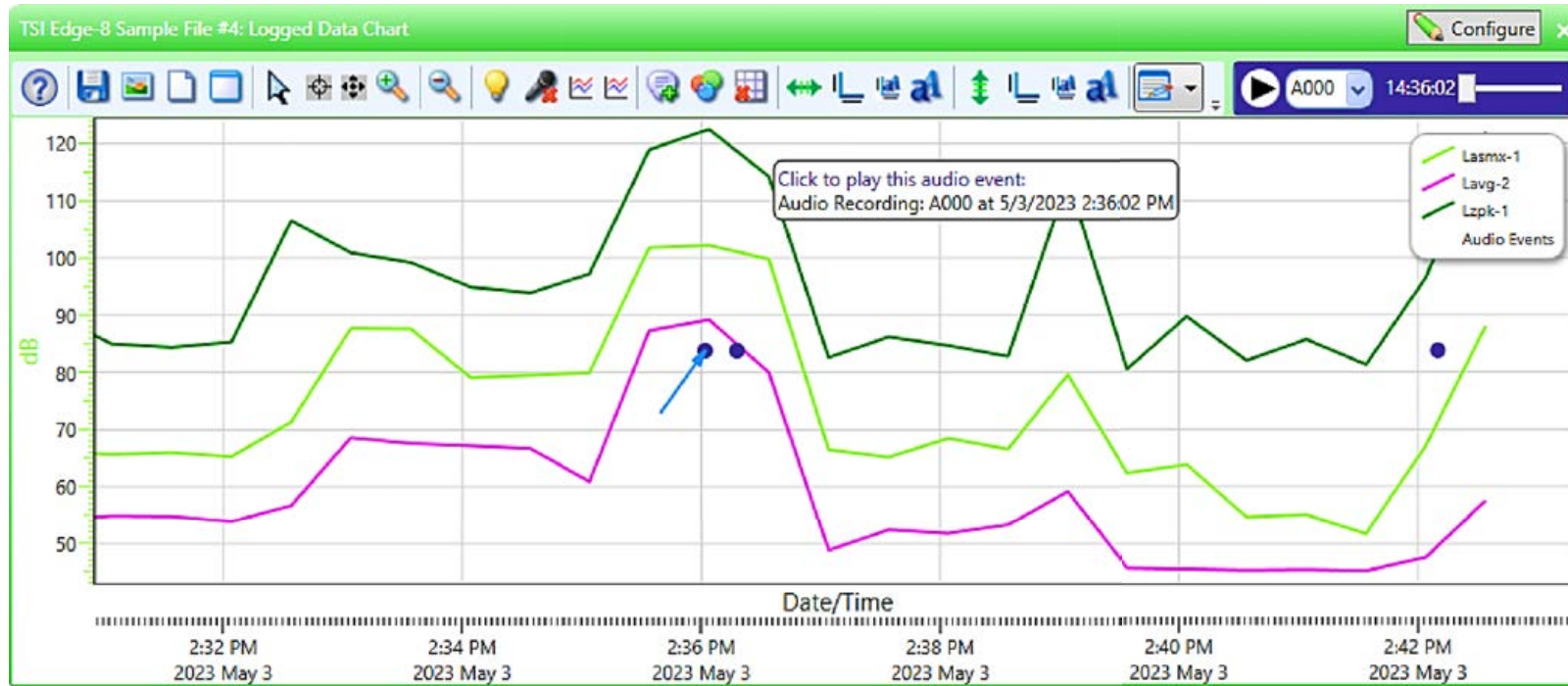


Audio Event Recording

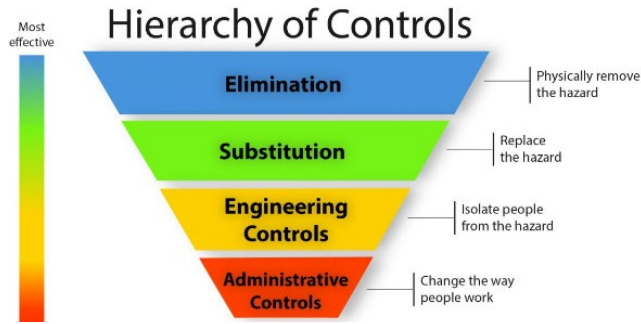


- Value Proposition

- Audio Recording automatically record audio of a noise event above a configurable dB level. *Must be activated in DMS*

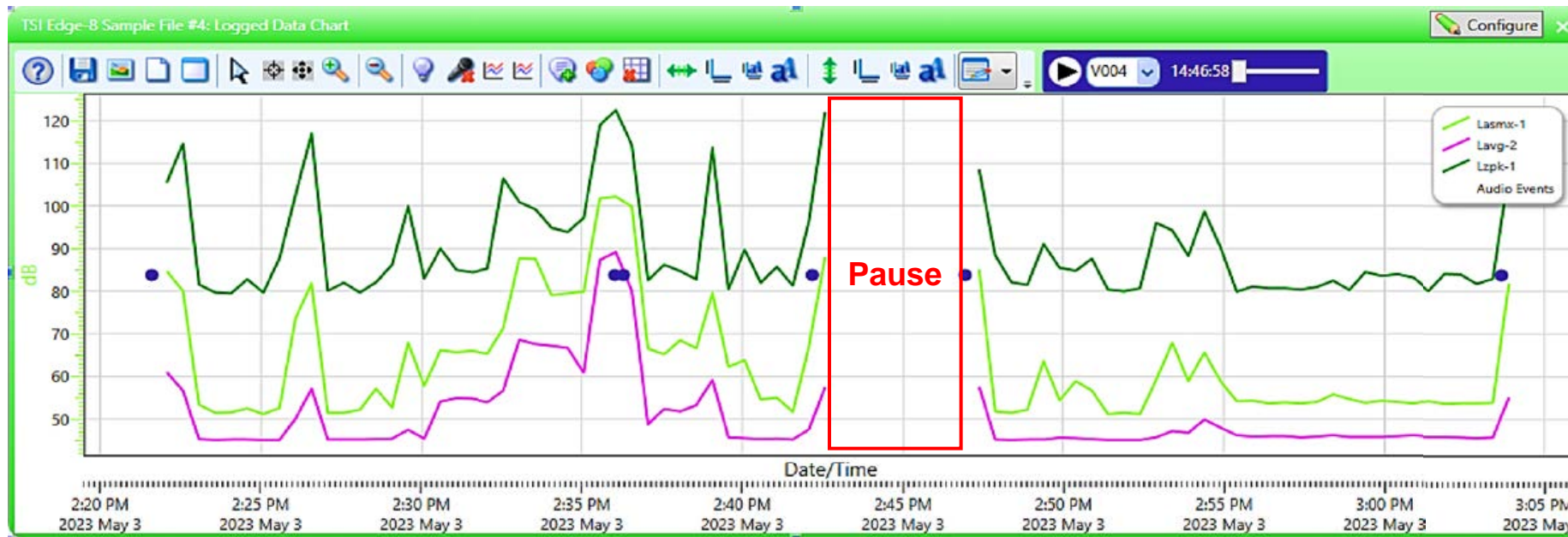


Pause Study

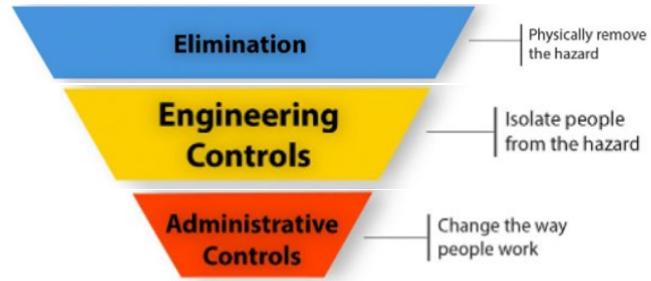


Value Proposition

- Pause Study functionality allows for elimination of noise data during breaks, location/shift changes, or off-site travel to give a more accurate representation of working environments



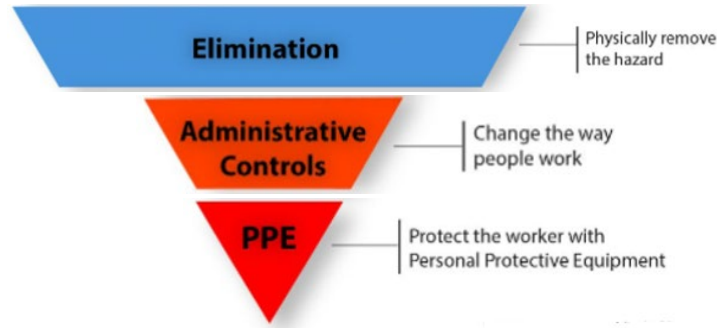
Ceiling Count



- Value Proposition

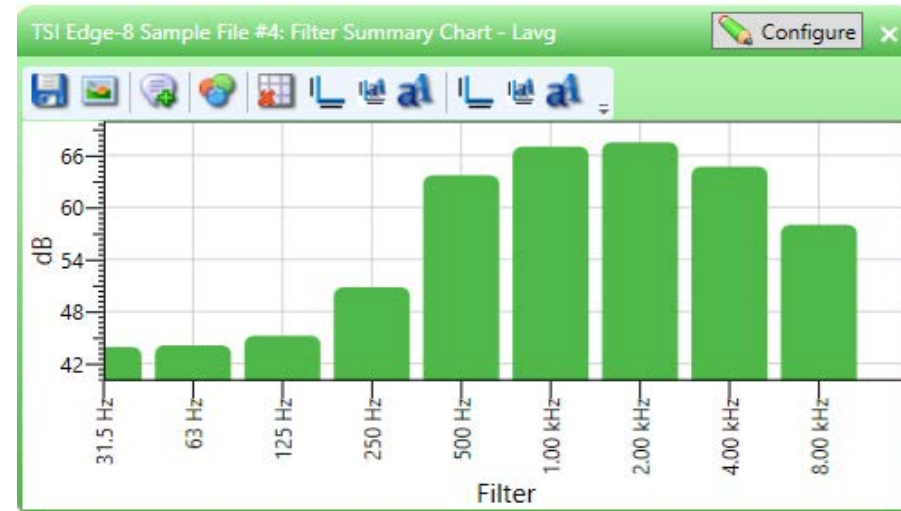
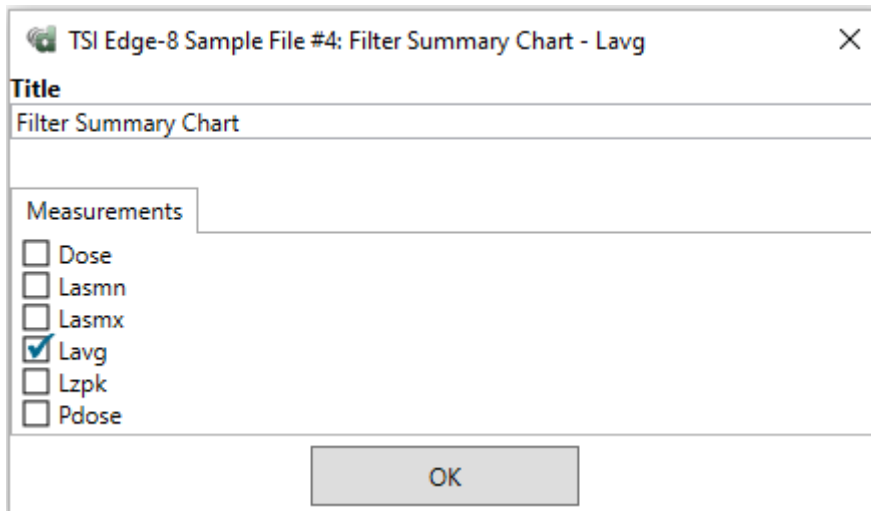
- Ceiling threshold allows the user to both monitor values and count of occurrences above a ceiling dB level.
 - It allows the administrator to determine the frequency of harmful dB levels.
 - It can be used in conjunction with automated event recording to pinpoint and measure established peak exposure levels.

Octave Band



- Value Proposition

- Octave band capture and analysis enables Engineering Control validation and identification of specific changes needed.



P Dose



- Value Proposition
 - The P Dose provides insight into the projected dose exposure for the individual

TSI Edge-8 Sample File #4: Projected Time Calculator Panel

Description	Original Summary Value	Recalculated Summary Value
TWA	52.1 dB	52.1 dB
SEL	126.2 dB	126.2 dB
ProjectedTWA (8:00)	70.3 dB	73.2 dB
Pdose (8:00)	6.5 %	9.4 %
Lavg	70.3 dB	70.3 dB
Dose8	6.5 %	6.5 %

Original Parameters

Response: Slow

Threshold (dB): 90

Exchange Rate (dB): 5

Criterion Level (dB): 90

Projected Time (hh:mm): 08:00

New Parameters

Response: Slow

Threshold (dB): 90

Exchange Rate (dB): 5

Criterion Level (dB): 90

Projected Time (hh:mm): 12 : 00

Dosimeter: 2

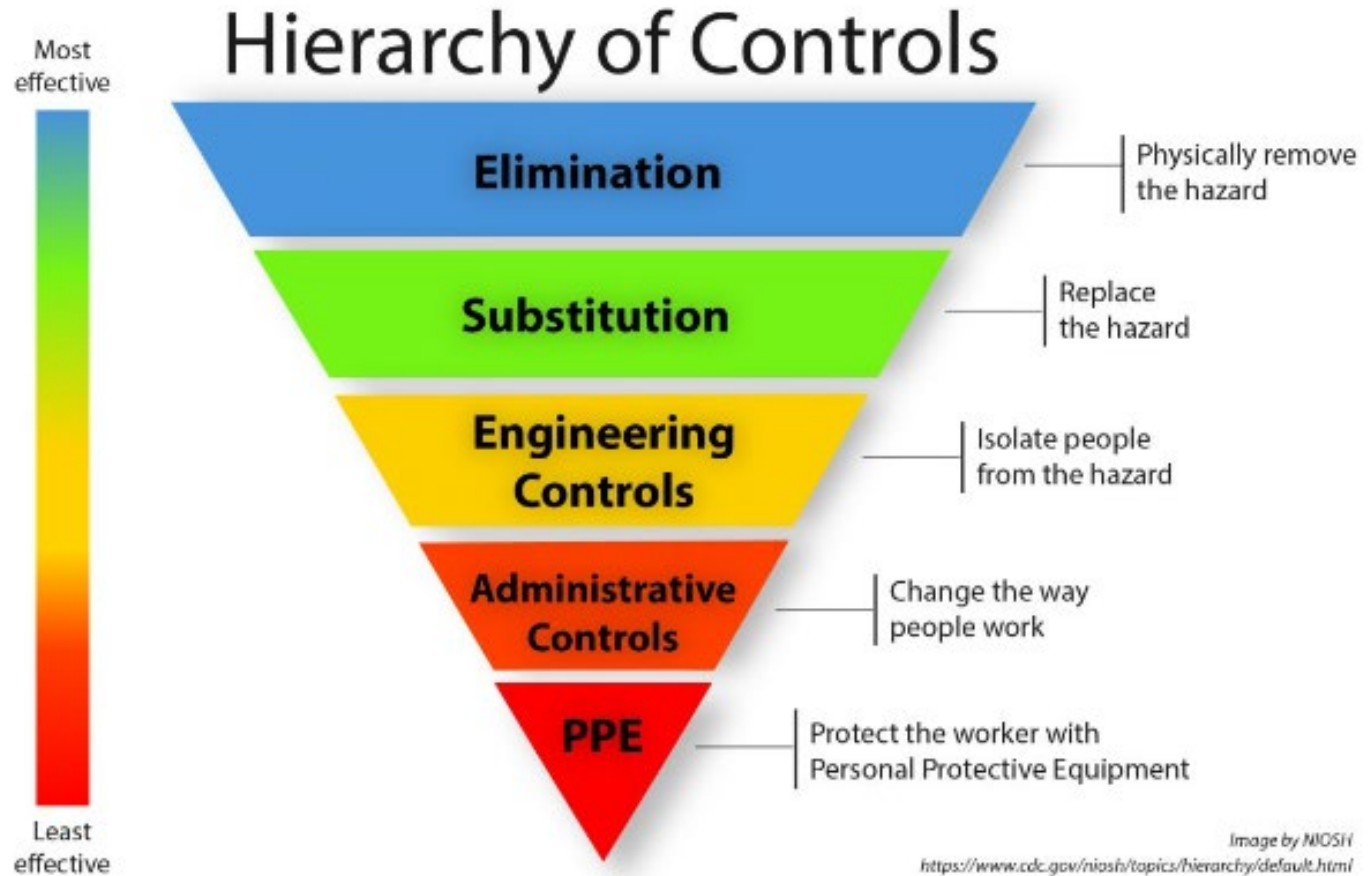
Apply

Reset

DMS Software



How does this help me?





Questions

THANK YOU!

Contact us:



Rick Drucker
Business Development
Lesman Instrument Co
rickd@lesman.com

The Lesman logo features the word "Lesman" in a bold, white, sans-serif font. A white swoosh underline starts under the "L", loops around the "e", and ends under the "n". Below the name, the text "A KELE COMPANY" is written in a smaller, white, all-caps sans-serif font.**Lesman**
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