



# How Microsoft's Innovation Labs Achieved Acoustic Excellence

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# THE SOUND OF INNOVATION

Innovation labs combine collaboration, presentations, and multimedia demos. High ceilings and hard surfaces can cause disruptive echo, affecting both creativity and productivity.

## CHALLENGES IN LAB ACOUSTICS

- Uneven acoustic performance across zones
- Echoes interfering with discussions and presentations
- Need to maintain aesthetically appealing interiors

## CUSTOM ACOUSTIC CEILING BAFFLES

- Strategically installed to target mid- and high-frequency reflections
- Visually integrated into lab design
- Suspended at varying heights for optimal sound absorption

## CLEARER COMMUNICATION AND ENHANCED FOCUS

- RT60 reduced by 45%
- Improved speech clarity during collaborative sessions
- Employees reported less distraction and improved focus
- Modular design allowed easy adjustment for future lab layouts

# INDUSTRIAL-GRADE CEILING Baffles

All Noise Control installed durable acoustic ceiling baffles:

- Strategically above high-noise zones in production and packaging
- Materials compliant with hygiene standards and resistant to industrial cleaning
- Phased installation to avoid disruption

## A QUIETER, SAFER WORKPLACE

- Noise levels dropped by 15–20 decibels
- Improved communication and safety
- Reduced employee fatigue and stress
- Long-term, modular solution adaptable to future production layouts

### **Noise Control Enhances Safety and Efficiency**

Even in industrial environments, targeted acoustic solutions can protect staff while improving operational efficiency.