

SOUND. THAT WORKS™ IN OFFICES



PHOTO | CASEY DUNN

Harness
your facility's
full potential to help
employees work,
live and feel
their best.

Offices are intended to offer a place to work away from the distractions of home life. They also play a key role in fostering creativity and collaboration, as well as strengthening corporate culture.

However, research conducted over the last decades shows that poor acoustics interferes with these goals. It continues to be a leading cause of workplace dissatisfaction and the most significant factor affecting employee performance.

If you work in a modern office, you likely can relate. Despite today's emphasis on collaboration, usually you're spending the majority of your time on independent work that requires concentration. Disruptive noises and conversations make tasks harder to complete. They also cause you to make errors more often, which creates or adds to stress. Additionally, it takes more effort to focus, which tires you out—affecting your mood and, ultimately, your productivity.

It's not something to be taken lightly. According to recent studies, 88 percent of office employees say focus work is the most critical aspect of their job, but 69 percent are dissatisfied with noise levels in their primary workspace. Given that 85

percent of corporate expenses are usually tied to salary and benefits, the ROI of improving noise control is significant.

The Center for the Built Environment (CBE) also found a strong link between workplace satisfaction and speech privacy. Many employees are disturbed by coworkers talking and concerned that others can overhear their own in-person and phone conversations. Often, maintaining their confidentiality is also essential to your organization.

Although discussions can be moved behind closed doors, even deck-to-deck walls aren't always enough to ensure privacy. Any minor penetrations in a room's structure can substantially reduce its acoustical performance, allowing conversations to be overheard in adjoining spaces. In any case, most office employees spend the majority of their workday in open-concept environments.

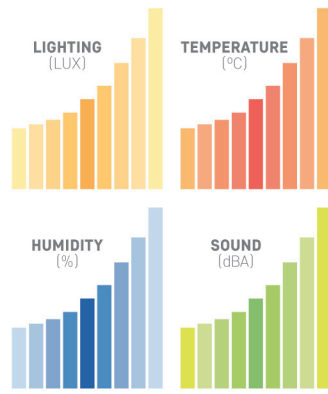
By planning for speech privacy and noise control, organizations can harness their facility's full potential to help employees work, live and feel their best.



The Acoustic Comfort® Zone

Many believe that effective acoustics will only be achieved when the sound levels in their space are as low as possible. However, just as with other ergonomic factors such as lighting, temperature and humidity, there's a *comfort zone* for sound.

If the background level is too low, speech and intermittent noises are easily heard and disruptive, even if they're relatively low in volume. The level in offices is often so low that



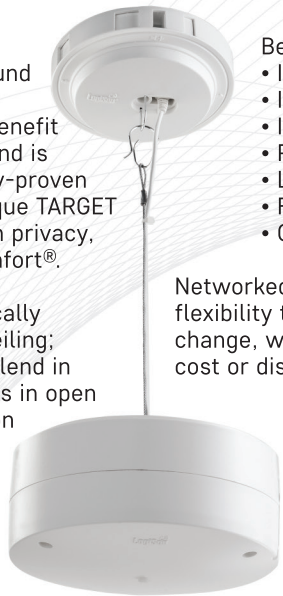
conversations are intelligible from up to 50 feet (15 meters) away.

By precisely controlling the spectrum and level of background sound within the facility, the LogiSon Acoustic Network improves speech privacy, controls noise and makes the space more comfortable. It's part of a holistic acoustical strategy that supports flexibility and provides a more consistent experience as occupants move between various space types within the facility.

The LogiSon® Solution

The LogiSon Acoustic Network distributes a soothing background sound throughout a facility. To ensure clients derive the full benefit from their investment, the sound is auto-tuned to an independently-proven masking spectrum using a unique TARGET application, maximizing speech privacy, noise control and acoustic comfort®.

LogiSon loudspeakers are typically installed above a suspended ceiling; however, they're designed to blend in with other exposed components in open applications. Early incorporation can reduce costs by eliminating the need for plenum barriers and high-spec or permanent walls around closed rooms. The technology is also easily retrofitted to existing spaces.



Benefits include:

- Improved noise control
- Increased speech privacy
- Improved productivity
- Paging and music functions
- Lower project costs
- Facility flexibility
- Quick ROI

Networked architecture provides the flexibility to adjust settings as needs change, without incurring significant cost or disruption to operations.

For more information about the system's advanced features, see our brochure or contact your local LogiSon Representative.

A Few of Our Office Clients

3M • AAA • AETNA • ADNOC • ADOBE • ADVANCED MICRO DEVICES (AMD) • AGI WESTEEL • AIR CANADA
 AMERICAN AIRLINES • AUSTRALIA • AUSTRALIAN TAXATION OFFICE (ATO) • BAIN & COMPANY
 BECTON, DICKINSON AND COMPANY (BD) • BERKSHIRE HATHAWAY • BP • BRITISH AMERICAN TOBACCO
 BUFFALO WILD WINGS • CARGILL • CARLSON • CBRE • CEC COMPANIES • CERIDIAN • COCA-COLA
 COFCO INTERNATIONAL • DELOITTE • DIAGEO • DYSON • EDINA REALTY • EPICOR • ERGOTRON
 FIRST SENTIER INVESTORS • FORRESTER RESEARCH • GENENTECH • GENSLER • GOLDBERGER & ASSOCIATES • GSK
 HALLIBURTON • HATCH • HEWLETT-PACKARD (HP) • HUB INTERNATIONAL • IBM • INVUE • IRVING OIL
 JOHNSON & JOHNSON • KPMG • LINKEDIN • MANITOBA HYDRO • MASTERCARD • MATCH.COM • MCKINSEY & COMPANY
 MERCK & CO • MICROSOFT • MONDOLEZ • MSCI • NATIONAL INSTRUMENTS • NIAGARA BOTTLING • ORACLE
 PAYCHEX • PCL CONSTRUCTION (PCL) • PENGUIN RANDOM HOUSE • PEROT FAMILY HQ • PFIZER
 PACIFIC GAS AND ELECTRIC (PG&E) • PINTEREST • PRICEWATERHOUSECOOPERS (PWC)
 PROCTER & GAMBLE COMPANY (P&G) • PRUDENTIAL FINANCIAL • RABO AGRIFINANCE • REALPAGE • ROCHE
 RSA DEXTER BUILDING • SAINT-GOBAIN • SAP • SHELL • SIEMENS • SLR CONSULTING • SMS ENGINEERING • STANTEC
 SYNOPSIS • THE NIELSEN COMPANY • TECHNIPFMC • TELECOMMUNICATIONS REGULATORY AUTHORITY (TRA)
 TRANSAMERICA CORPORATION • VISA • WELLINGTON-ALTUS • WILLIS TOWERS WATSON

Case Study



MMM Group Thornhill, Ontario • Canada

Together with its subsidiaries/ affiliates, MMM Group comprises a global firm with more than 50 offices in Canada and around the world. The company is an industry-leading program management, planning, engineering, and geomatics firm. It is also a partner of choice for major design-build, P3 transportation and building projects in Canada, the U.S. (through Lochner MMM Group) and around the world. Its projects have achieved both public and critical acclaim.

Problem

Dan Butler, Manager of Security and IT with consulting engineering firm MMM Group, usually designs systems of these types for the firm's clients, but when MMM moved into a new mid-rise office tower in Thornhill, ON, the client was his own company. Occupying six floors within the nine-storey structure, MMM targeted and received LEED®-CI (Commercial Interiors) Gold. Most employees previously had enclosed offices and now work in an open-concept setting.

Solution

Polished concrete floors and other hard surfaces throughout this office would have created an uncomfortably noisy acoustic environment, but Mr. Butler says that LogiSon sound masking has successfully addressed the issue. Although the technology can operate on its own independent network, in this office, everything from lighting to sound masking is integrated into an IP-based control network.



www.logison.com | info@logison.com