

# COMPANY PROFILE 2025



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# ACOUSTIC SOLUTIONS

Founded in 2006, Lien Son has established itself as a premier acoustic and AV contractor and consultant, specializing in architectural acoustics, noise and vibration control, and theater & ballroom acoustics. Our expertise ensures that every space—whether a concert hall, corporate facility, or entertainment venue—delivers superior sound quality and an immersive audio-visual experience.

We go beyond just soundproofing. Our solutions enhance sound reproduction, minimize unwanted noise, and regulate vibrations, creating environments that are not only acoustically optimized but also visually stunning. With advance in sound control technology, we design spaces that offer both comfort and clarity for occupants.

Our team consists of highly skilled acoustic engineers from Australia and Vietnam, holding prestigious certifications such as CPEng, APAC Engineer, and memberships in the Association of Australian Acoustical Consultants and the Australian Acoustical Society. With over 40 years of combined experience, we deliver tailored, high-quality solutions—ensuring excellence from design to installation.

At Lien Son, we don't just manage sound—we master it.

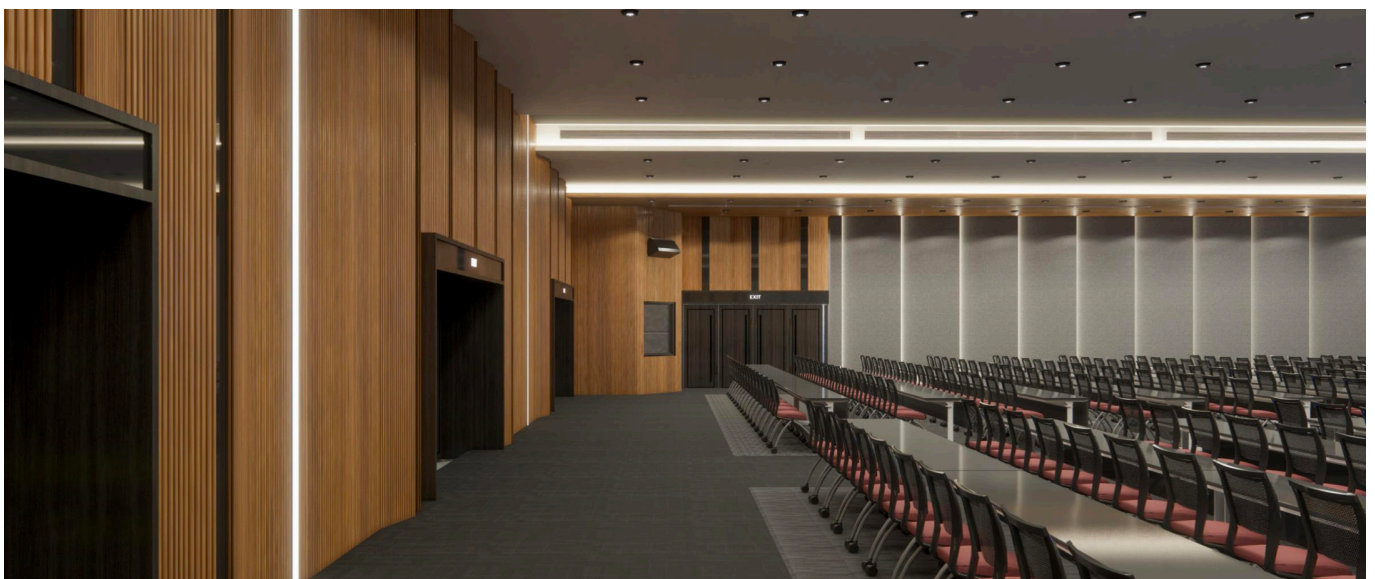
[www.lienson.com](http://www.lienson.com)



# THEATER & BALLROOM



British International School Auditorium - Architectural acoustics, design & build



Becamex Ballroom - Architectural acoustics, design & build



# THEATER & BALLROOM



Thu Thiem Theatre – Competitive Architectural Design Submission from BlightRayner – Transform – Lien Son



Vin University Auditorium

Acoustics play a crucial role in creating unforgettable experiences in theaters, ballrooms, cinemas, and home entertainment spaces. We specialize in acoustical treatments, including architectural acoustics, noise and vibration control, and AV system integration, **ensuring that every performance reaches its audience with clarity and impact.**

Our approach is driven by cutting-edge technology and engineering expertise. We begin with in-depth analysis and simulations, followed by a tailored design process that includes:

- Room shaping – Optimizing the angles and placement of walls, ceilings, and floors for the best sound distribution.
- Noise isolation – Preventing unwanted external noise from interfering with the space.
- Seamless AV integration – Ensuring that audio-visual systems work harmoniously with the acoustics for an immersive experience.

With our expertise, we enhance the sound quality of any space, transforming it into an environment where every note, word, and sound is heard with precision.

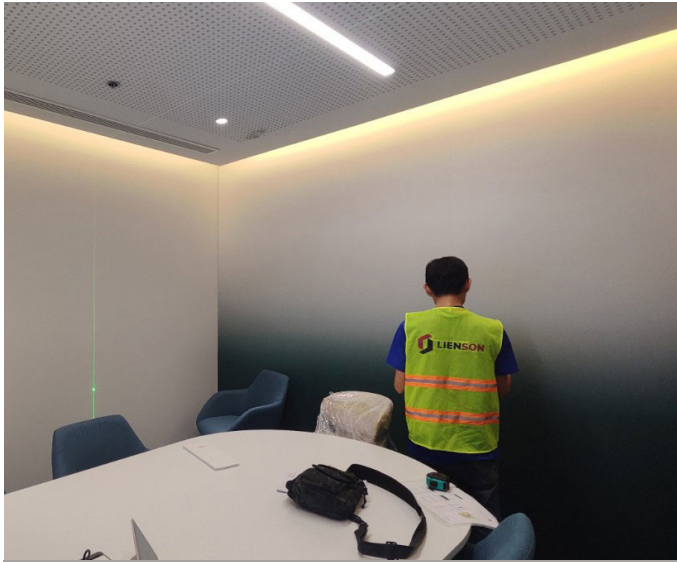


# INTERIOR & ARCHITECTURAL ACOUSTICS

We provide solutions to improve sound quality in buildings by **controlling sound transmission, ensuring clear speech intelligibility, and maintaining speech privacy**. Our team collaborates with structural designers, architects, and interior designers to analyze plans, conduct engineering calculations, simulate scenarios, and deliver tailored acoustic solutions.

Our architectural acoustics services include:

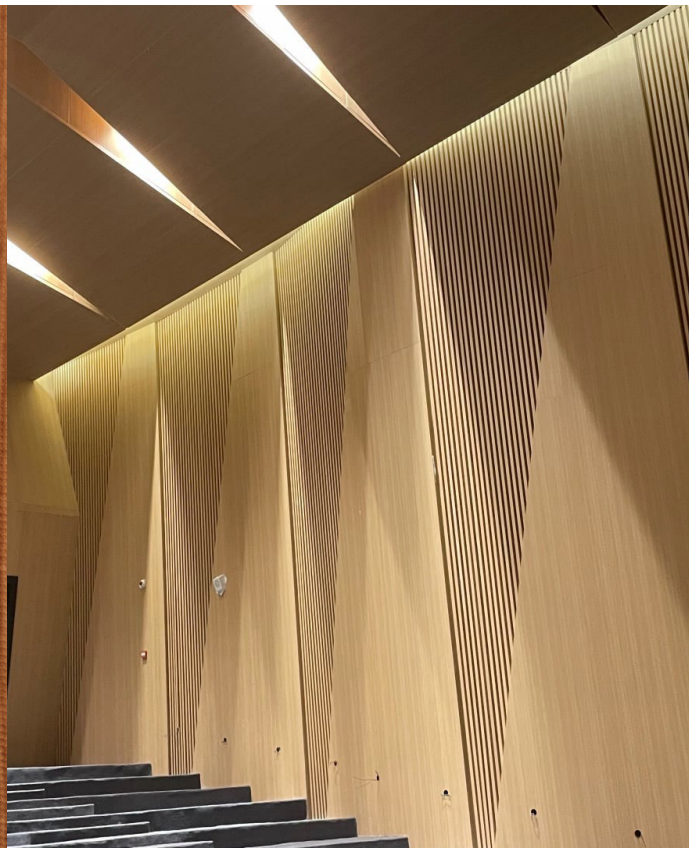
- Acoustic Design & Engineering
- Room Acoustics, Shaping & Modeling
- Sound Isolation
- Noise & Vibration Measurement
- Building Systems & MEP Noise and Vibration Control
- Regulatory and Ordinance Compliance



PET Acoustic Panel for Walls & Ceilings - NRC up to 0.90

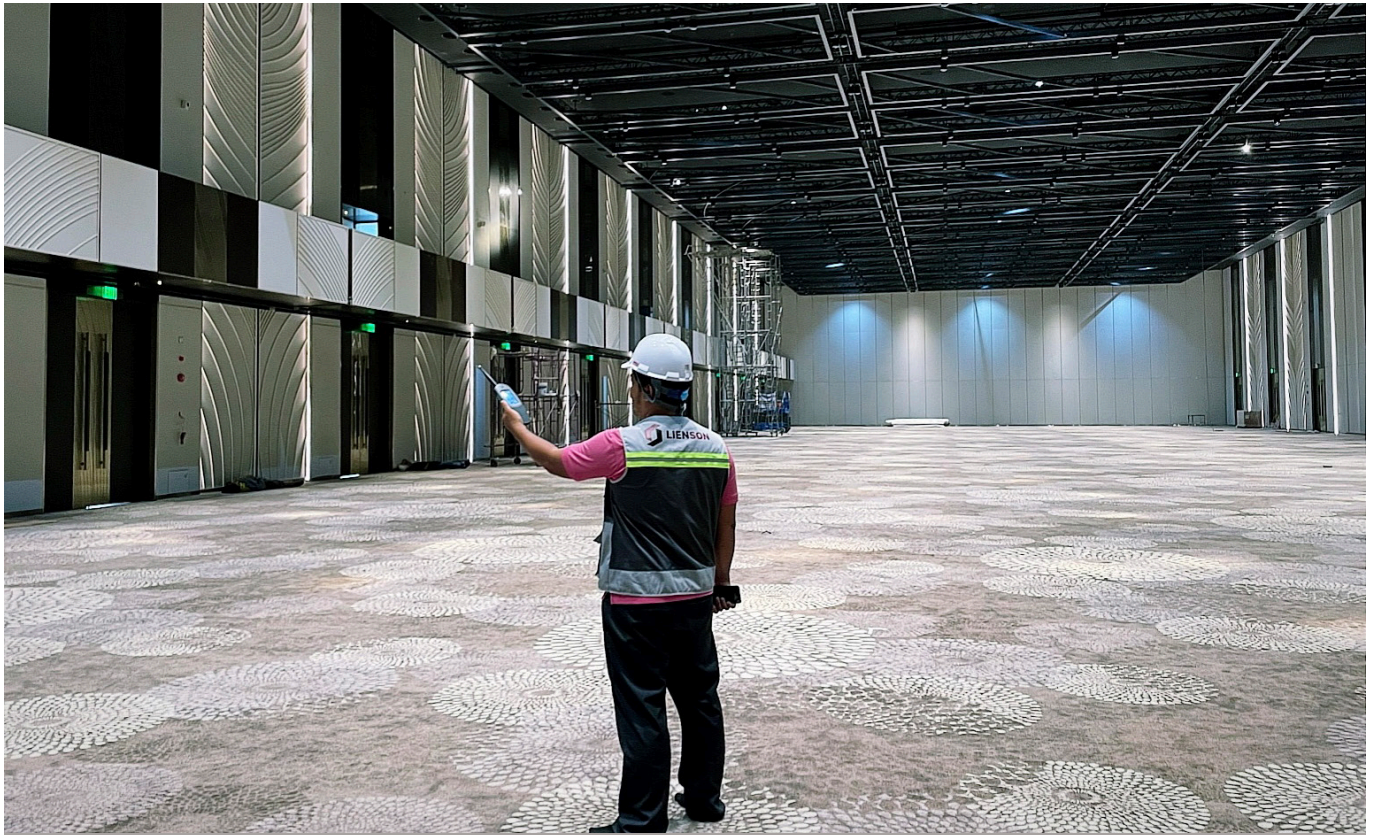


Micro-perforated Panel for Walls and Ceilings - NRC up to 0.90

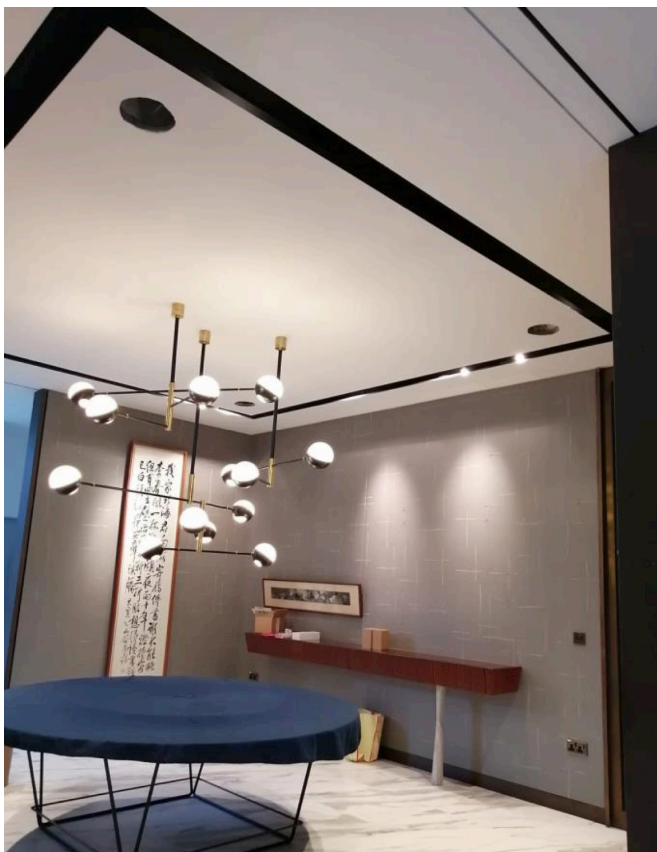




# INTERIOR & ARCHITECTURAL ACOUSTICS



Dai Quang Minh 3000sqm Ballroom at Sofic Tower, Thu Thiem



Acoustical Seamless Plaster System - NRC up to 0.90



Acoustical Spray Plaster System - NRC up to 0.90



# NOISE & VIBRATION CONTROL

## Precision in Noise & Vibration Control

Our expert consultants utilize cutting-edge measurement technologies to accurately identify, analyze, and mitigate noise and vibration across various building systems. From HVAC units and elevators to mechanical and auxiliary facilities, we assess their acoustic impact and provide tailored solutions to optimize sound quality and comfort.

Using advanced acoustical modeling software, we simulate and predict noise levels, evaluate alternative designs, and recommend the most effective noise and vibration control

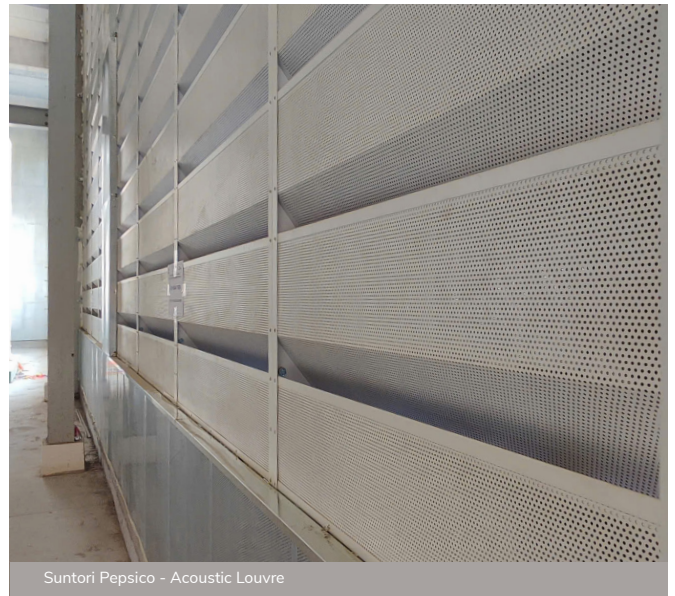
strategies. Our approach ensures that every environment meets optimal acoustic standards while enhancing occupant experience.

Our expertise covers:

- HVAC Systems: Rooftop units, chillers, cooling towers, air handlers, ductwork
- Plumbing Systems: Piping, pumps, boilers
- Elevators: Shafts, machine rooms, equipment
- Electrical Systems: Generators, transformers
- Auxiliary Facilities: Parking garages, pools, fitness centers etc.– related systems and equipment



Dwight School Hanoi - Floating Floor



Suntori Pepsico - Acoustic Louvre



Empire City - Impact noise isolation floating gym floor for extreme weight drop



Masterise Hang Bai - Acoustic Louvre



# NOISE & VIBRATION CONTROL



Grand Marina Saigon, Bason - Impact sound insulation in floor slabs



Grand Marina Saigon, Bason - Swimming Pool Isolation



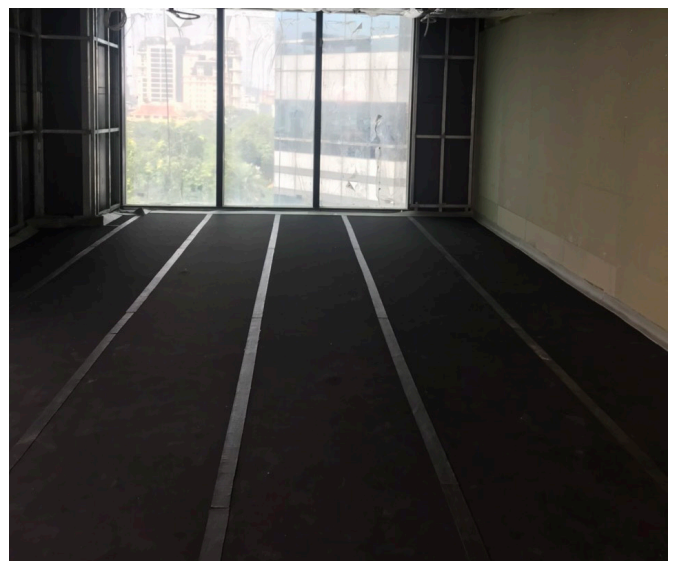
Saigon Center HCMC - Anti-vibration System for Chiller Plant



Thaco Factory - Acoustic Roof using StroPanel



Yamaha Showroom HCMC - Sound Isolation System for Service Rooms



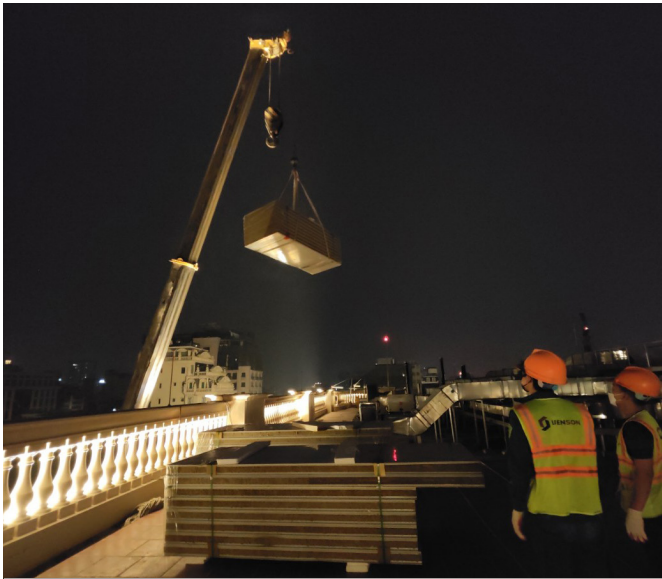
Fairmont Hotel Hanoi - Impact sound insulation in floor slabs



# NOISE & VIBRATION CONTROL



Masterise Hang Bai - Noise Barriers on Rooftop



Masterise Hang Bai - Noise Barriers on Rooftop



Sarimi Office HCMC - Anti-vibration System



Suntori Pepsico - MEP Noise Barrier



Techcombank Hanoi - Impact sound insulation in floor slabs



Times City - Impact noise isolation floating gym floor



# AUDIO VISUAL

We specialize in designing cutting-edge Audio-Visual and Multimedia Systems that **seamlessly integrate with the vision of our clients, architects, and interior designers**. Our expertise ensures the creation of immersive environments through advanced lighting, sound, and control solutions.

Our process includes:

- Collaborating with clients and architects to develop a comprehensive design brief
- Concept development and detailed design refinement
- Producing complete design documentation, including drawings and specifications, using industry-leading software such as AutoCAD, 3D Studio, 3D Max, and EASE 4.4 when required
- Evaluating tenders and recommending the most suitable contractors
- Overseeing installation, commissioning, and system setup
- Conducting final inspections and providing recommendations for project completion

With a commitment to excellence, we deliver state-of-the-art solutions tailored to meet each project's unique needs.



West Lake Iconic Tower, Hanoi Vietnam — Acoustics & AV Consulting



Vega City Theater Hall



# ACOUSTIC TESTING



Mercure Hotel Hanoi - Acoustic Room Test



BIS Thao Dien Auditorium - Acoustic Room Test



Sarimi Office - FCU Vibration Test



Pullman Hotel - Mockup Room Test

We conduct acoustic research for companies and offer expert guidance on **compliance with noise control regulations outlined in building codes**. Our services include measuring various acoustic properties, such as:

- Airborne sound insulation for walls, floors, doors, and windows
- Impact sound insulation for floors and walls
- Impact sound reduction of floor coverings
- Sound absorption of materials and objects
- Sound absorption and acoustic impedance analysis
- Sound power levels of noise sources
- Airflow resistance of acoustic materials
- Loss factor analysis for vibration-damping materials

Our expertise ensures that businesses meet required noise control standards while optimizing acoustic performance.



Lien Son Workshop - 120kg Weight drop test on damped spring floating platform







# PROJECT REFERENCES



**EIU University | Classroom**  
Interior Acoustics, supply & install



**Otsuka Thang Factory**  
Visitor Hall, design & build



**Fairmont Hotel Hanoi**  
Impact sound isolation underlayment, supply & install



**Suntori Pepsico Factory**  
Noise & Vibration Control, supply & install



**Dwight School Hanoi**  
Acoustic Floating Floor, supply & install  
Noise & Vibration Control, supply & install



**Maple Tree Business Center | Grab Office**  
Interior Acoustics, supply & install



**Techcombank Hanoi**  
Impact sound isolation underlayment, supply & install



**Masterise Hang Bai**  
Impact sound isolation underlayment, supply & install  
Noise & vibration control, supply & install



**Vinhomes Times City | Gym Center**  
Gym noise & vibration control, design & build



**VinUni Medical Simulation Center**  
Acoustic consulting



**Estella Heights Towers | Cooling Tower**  
Noise & vibration control, supply & install



**Mercure Dalat Resort | Ballroom**  
Acoustic consulting, design & build



# PROJECT REFERENCES



**Theatre Of Ballet Symphony Orchestra And Dance Competition (Thu Thiem Theater)**  
Acoustic consulting & design



**Grand Marina Saigon, Bason**  
Impact sound insulation underlayment, supply & install;  
Swimming pool anti-vibration, supply & Install



**Empire City Thu Thiem | Gym Center**  
Gym noise & vibration control, design & build



**Yamaha Showroom HCMC | Service Room**  
Impact Sound Isolation System, design & build



**Becamex Complex | Ballroom**  
Acoustic consulting, design & build



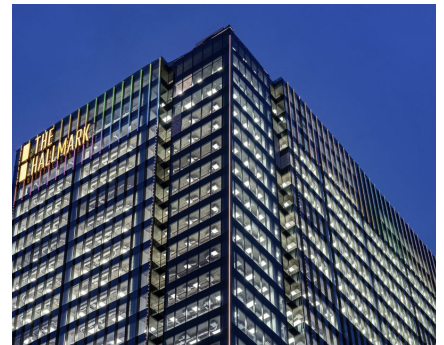
**Sala Convention Centre | Ballroom**  
Acoustic consulting, design & build



**British School HCMC | Auditorium**  
Acoustic design & build



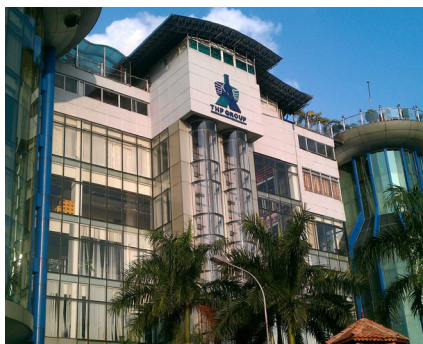
**Victoria Saigon South School | Theater**  
Acoustic & AV design



**The Hallmark | NAB Office**  
Interior Acoustics, supply & install



**Vinfast Automobile Production Complex | Training Center**  
Acoustic design & build



**Tan Hiep Phat Headquarter | Event hall**  
Acoustic consulting, design & build



**Grand Mercure Hanoi**  
Acoustic consulting



# OUR TRUSTED CLIENTS





# CONTACT

|              |  |
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