



Infinity has a deep knowledge in the field of acoustics, along with a great passion for the latest technologies, combined with the practical experience and sense of constructability necessary to properly advise architects and builders.

We listen to the demands of our clients, study challenges of the designs and deliver solutions (integrated alongside the needs of other disciplines) that exude simplicity and optimization.

Acoustic Capabilities



/infinitymeps



@infinitymeps



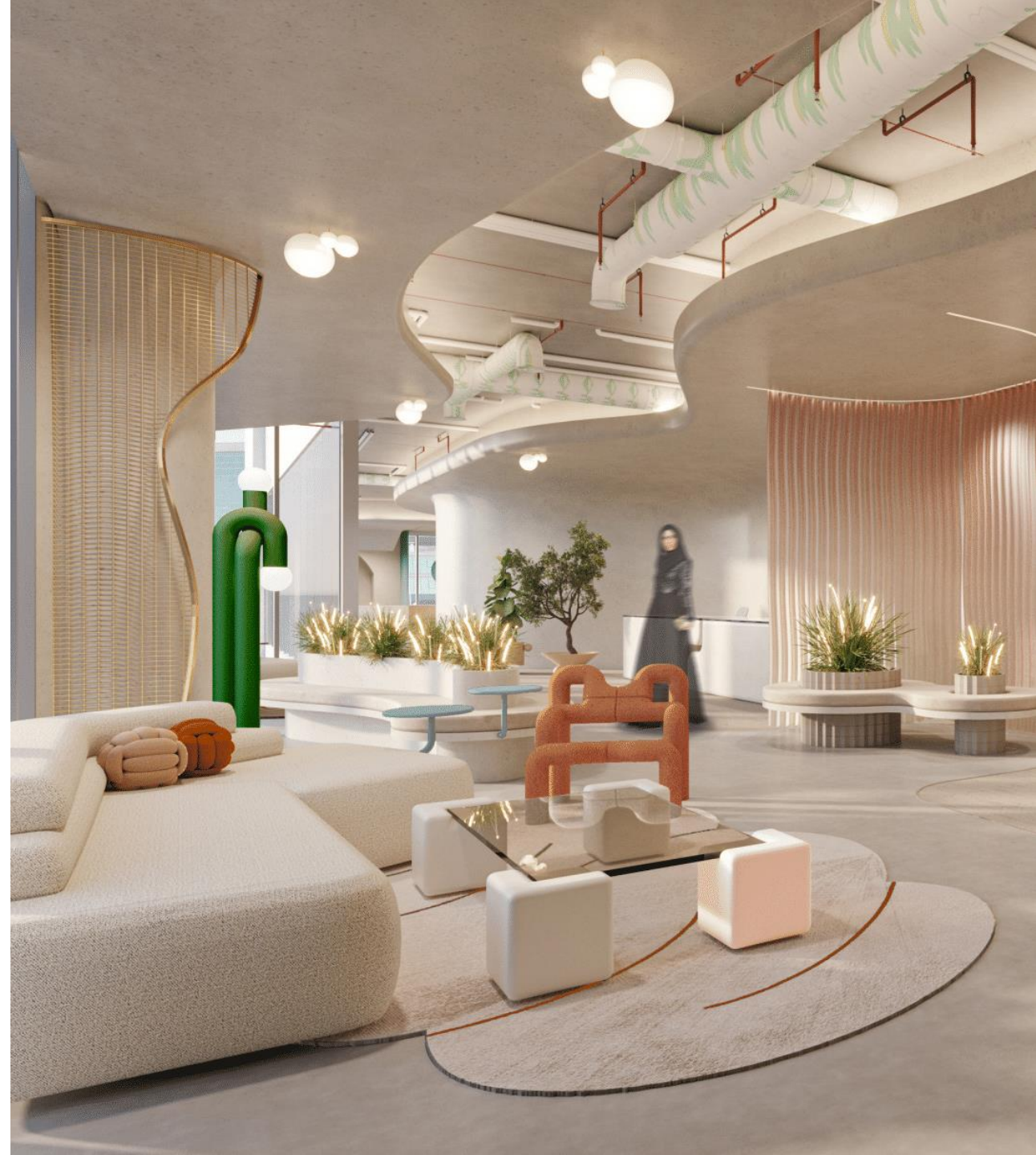
infinitymep.com

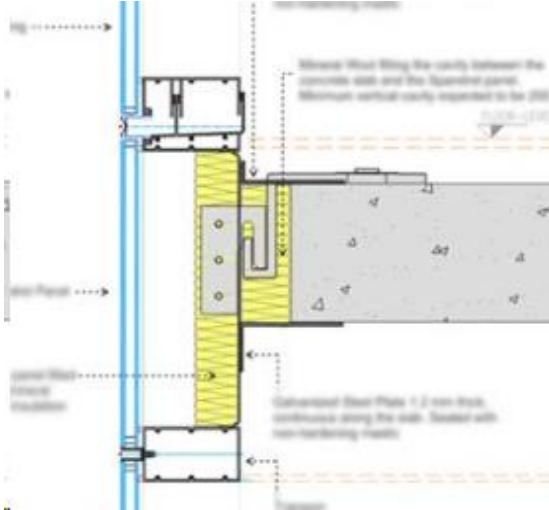


We help architects, interior designers, and project managers create acoustically comfortable spaces that promote well-being and reduce excess noise.

25+ Years

Acoustic Engineering
& Design Experience





Sound Insulation of the Building Envelope

The acoustic insulation provided by the building envelope, including the façade and roof, is a key point to consider to ensure an adequate interior noise level. The impact on user comfort and project cost make it an essential aspect.



Interior Sound Insulation

Interior sound insulation is essential to offer good acoustic separation between spaces. The source of the noise can be airborne, impact or structural, as well as due to vibrations induced by railway infrastructure.



Room Acoustics

Interior acoustics must be accounted for, ensuring good listening experience in all project spaces, promoting good communication, and reducing hearing fatigue. Depending on the space, different acoustic criteria will be pursued.



Noise and Vibration Control of Building Services

All mechanical, plumbing and electrical services in the building must follow an acoustic design strategy to control the emission of noise and vibrations. The solutions are calculated and the required specifications detailed to reach the acoustic design criteria.

Environmental Acoustic Impact

Outdoor equipment should not generate high noise levels outside buildings. The measures taken to mitigate noise emission include the selection of silent equipment and sound attenuation measures such as noise barriers, silencers, acoustic louvers, etc.

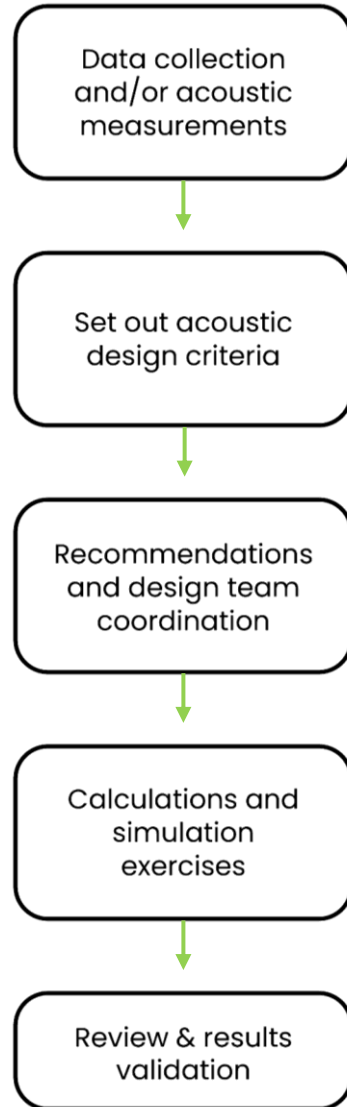


Sustainability Criteria in Construction

Acoustic comfort is included in the main certifications of sustainability of construction to measure health and well-being of the building occupants.

Work Methodology

Design Phase

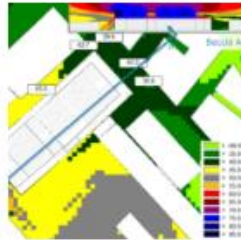


- Organization criteria; LEED, WELL, ASHRAE
- Operator standards (Hotels, etc.)
- BCO 2019 (Office Buildings)
- HTM 01-08 / FGI guidelines (Hospitals, etc.)

- INSUL® Sound Insulation Prediction Software
- CADNA A® Outdoor Noise Propagation Prediction Software
- CATT-Acoustics® Room Acoustics
- CYPE BIM Acoustic Modeling for Sound Insulation
- AIM noise control prediction software for HVAC systems
- ARTA software for room acoustic parameters measurement

Where We Work

- Residential
- Hotels & Wellness
- Offices
- Hospitals
- Performing Arts Halls
- Music Schools
- Recording & AV Studios
- Retail and Leisure
- Industrial



How We Work

- Getting involved from the beginning of the project
- Coordinating with architecture team and other disciplines involved in design
- Anticipating problems
- Defining solutions and specific specifications for projects
- Defining solutions based on calculations, made with specialized software, and supported by the experience obtained in previous projects
- Proposing construction systems, efficient in cost and based on local market products
- Communicating effectively both challenges and their potential solutions; by assessing pros & cons across work methodology and design phases



**Dubai Crowne Plaza
Complex
Dubai, UAE**

Client: DEWAN Architects
Scope: MEP, Fire & Life Safety,
Building Acoustics
2023 (Renovation)



**Lamar Sea Mirror
Residences
Dubai, UAE**

Client: Lamar Development
Scope: MEP, Fire & Life
Safety, Building Acoustics
2023



**OCEANO – Al Marjan Island
Ras Al Khaimah, UAE**

Client: DEWAN Architects, Luxe
Developers
Scope: MEP, Fire & Life Safety,
ELV & Building Acoustics
(In-Construction)



**Family Care Authority
Dubai, UAE**

Client: ROAR
Scope: MEP, ELV & Building
Acoustics
2023 (Renovation)

**DHRE Innovation Lab
Abu Dhabi, UAE**

Client: The Ether
Scope: Building Acoustics
2024

**Royal Wing at Awali Hospital
Dubai, UAE**

Client: MSCEB
Scope: Building Acoustics
2025

**Al Badia Terraces (Lobbies & Amenities)
Abu Dhabi, UAE**

Client: RSP Architects
Scope: Building Acoustics
2025

**Rio Rancho – Compressor Building
Dubai, UAE**

Client: MBA Energy & Industrial
Scope: MEP & Building Acoustics
2022



Sebastian Kasjan, MEng

Dubai Managing Director

Sebastian Kasjan is a Chartered Engineer with extensive experience managing multinational MEP teams across Bahrain, the UAE, and India. Before joining Infinity Dubai as Managing Director, Sebastian led diverse teams in delivering award-winning MEP projects for prominent organizations.

Sebastian's project portfolio spans Europe, the Middle East, and North Africa, and he is well-versed in international standards such as ASHRAE, CIBSE, Building Regulations, British Standards, BSRIA, HVCA, HTM, HBN, HFN, Saudi Building Codes, International Codes by the ICC, and NFPA. His deep technical knowledge and global perspective ensure the successful delivery of complex and innovative projects.

HIGHLIGHT EXPERIENCE

- OCEANO Luxury Hotel & Residence
Al Marjan Island, UAE
- Family Care Authority HQ
Abu Dhabi, UAE
- Lamar Sea Mirror Residences
Dubai, UAE
- Midtown Development by Deyaar
Dubai, UAE
- Address Jumeirah Gate Dubai
Dubai, UAE
- DCH Emaar - Various Towers
Dubai, UAE
- Bilaj Al Jazayer Boutique Hotels
Beach Club & Mixed-Use Apartments
Bahrain
- Onyx II Skyview at Bahrain Bay
Bahrain
- Google Viewpoint
Dublin
- Avenues Phase 2B - Avenue Mall
King Faisal Corniche Development
Bahrain
- The Avenues - Phase 1
Khobar
Saudi Arabia
- The Avenues - Phase 2
Riyadh, Saudi Arabia
- Microsoft Data Center DB4 & DB5
Dublin
- Al Maha Centre Children's Hospital
Al Wakrah, Qatar
- Amaala Staff Village
KSA
- Bahrain Marina Development
Bahrain
- (15) University Hospital Locations
Due Diligence Surveys
Various Locations

EDUCATION

Master of Engineering
(Mgr Inz/ MEng) - 2004 Sanitary
Engineering (Mechanical & Civil
Engineering)

YEARS EXPERIENCE

20

REGISTRATIONS

MCIBSE
MIEI
EC CEng - Chartered Engineer
CIBSE
IEI
Grade A Engineer - Qatar
Grade A Engineer - Bahrain



EDUCATION

Technical Telecommunications
Engineer – Sound and Image
Specialization
Ramon Lull University (La Salle)

YEARS EXPERIENCE

24

REGISTRATIONS

COITT: Registered Engineer #10127
Member of the Institute of Acoustics
MIOA: 50633
www.ioa.org.uk

Marti Duch

Dubai Managing Director

Acoustics engineer, specialized in the field of architectural and building acoustics, member of the Institute of Acoustics (UK), with more than 24 years of extensive professional experience in the national and international markets, and 5+ years working on projects in the middle east.

Martí has participated in projects in Spain, France, Qatar, United Arab Emirates, Kingdom of Saudi Arabia, Azerbaijan, Oman, United States, Croatia and China, and has a proven track record of successful projects from luxury hotels, residences, hospitals and commercial buildings, as well as performing art facilities and audiovisual production studios.

HIGHLIGHT EXPERIENCE

- | | | |
|--|--|---|
| — OCEANO Luxury Hotel & Residence
Al Marjan Island, UAE | — Cayan Cantara Residential
Dubai, UAE | — Dubai Canal Residences
Dubai, UAE |
| — Family Care Authority HQ
Abu Dhabi, UAE | — Crescent Hotel (7 Stars)
Baku, Azerbaijan | — Teatro Guimerá Renovation
Santa Cruz de Tenerife
Canary Islands |
| — Lamar Sea Mirror Residences
Dubai, UAE | — Ministry of Interior
Jeddah, KSA | — Qatar Olympics Museum
Doha, Qatar |
| — Makers District Residential
Abu Dhabi, UAE | — North Souk Department Store
Beirut, Lebanon | — Deyaar Midtown Development IMPZ
Dubai, UAE |
| — Mediclinic Parkview Hospital
Dubai, UAE | — EAIG Head Quarters
Abu Dhabi, UAE | — DHRE Innovation Lab
Abu Dhabi, UAE |
| — Vida Hotel and Residencies
Dubai Marina, Dubai, UAE | — FCA Service Center Offices
Abu Dhabi, UAE | — Royal Wing at Awali Hospital
Dubai, UAE |

DUBAI

Damac Business Tower
Office 1007, Business Bay
Dubai, U.A.E.
Sebastian Kasjan, Meng
Skasjan@infinitymep.com
Office: +971 (04) 234 4069

