



ACE HOTEL Brooklyn, NY



Trinity Consultants is a leading global consulting firm that brings 50 years of experience providing services and solutions in the EHS Regulatory Compliance, Built Environment, Life Sciences, and Water & Ecology markets. Within our Built Environment Division, we bring together renowned firms—Cerami, Longman Lindsey, Valcoustics, Jaffe Holden, and WorkingBuildings—under one banner. From cultural landmarks to mission-critical facilities, we deliver innovative solutions in acoustics, technology, commissioning, and operational support, driven by excellence and human-centered design.

With sleep being a priority at hotels, we help achieve five-star status.

At Trinity Consultants, we know that in the hospitality sector, acoustics, technology, and sustainability play a central role in shaping guest experiences — from business travelers seeking productivity to leisure guests looking for rest and rejuvenation. Having partnered with more than 50 hotel operators worldwide, we have collaborated with many of the world's most renowned architects on projects ranging from boutique hotels to large international destinations. Our approach delivers solutions that respect the architect's vision, align with the hotel's class and brand identity, and support operator standards.

Seamless Audiovisual Integration

Audiovisual applications in hotels are diverse and critical to functionality. From digital wayfinding and background music systems in lobbies to advanced AV setups in conference centers, ballrooms, and breakout rooms, we design systems that are both intuitive and invisible to the design aesthetic. Equipment is carefully specified for portability, ease of use, and adaptability, allowing hotel teams to seamlessly support a wide range of guest needs and events. The result is robust and reliable audiovisual infrastructure that elevates both guest satisfaction and operator efficiency.

Acoustical Design for Comfort and Ambiance

Acoustics are essential to delivering comfort, privacy, and atmosphere throughout a hotel. In guestrooms, our designs aim to replicate the sense of tranquility guests expect at home. We minimize noise transmission between rooms, mitigate external disturbances such as traffic or flight paths, and control vibration and sound from elevators and mechanical systems. In public areas, acoustics are equally important in creating ambiance. Whether in restaurants, bars, casinos, fitness centers, or reception spaces, we design sound environments that enhance enjoyment and comfort. In ballrooms, meeting rooms, and other large venues, our acoustic and technology expertise ensures clarity, balance, and flexibility — critical to hosting events of any scale.

Sustainability and Wellness

Today's hospitality environments are expected to deliver not only comfort but also responsibility. We integrate sustainability strategies into every project, aligning with LEED® and WELL® standards to reduce environmental impact while enhancing guest wellness. Our team designs energy-efficient audiovisual systems, specifies responsible materials, and integrates advanced building controls that optimize lighting, shading, and HVAC performance. By combining acoustics and technology with sustainable design practices, we help hotels meet their ESG goals while enriching the guest experience.

Trinity Consultants helps hotels create quiet, connected, and sustainable environments that leave a lasting impression. By uniting acoustics, technology, and sustainability, we deliver spaces that elevate guest comfort, operator efficiency, and long-term value.



Casino Woodbine Expansion

TORONTO, ONTARIO | 807,000 SQFT

The project involved an expansion/redevelopment of Casino Woodbine to include a 4200-seat performance venue, casino, 400-room hotel with swimming pool, 500-room hotel (to be built later) and 6-level parking garage. Valcoustics provided acoustical design services through the design and construction phases, including input into interior room acoustics (to control reverberation, improve speech intelligibility, etc.), sound isolation and mechanical noise and vibration control.



Kula Belgrade

BELGRADE, SERBIA | 511,286 SQFT

Soaring at 168 meters high, Kula Belgrade is a 40-story tower and is the new centerpiece of the Belgrade Waterfront. It combines residential, commercial, hotel and entertainment programs that create a new urban space for the surrounding community. Our team worked closely with the client to design a truly flexible technology infrastructure that allows any space, whether residential, hotel or presidential suite, connections to a multitude of available technology services. The IT Infrastructure provides Voice, Data, and Cable TV service, along with superior Wi-Fi coverage and capacity for common areas, hotel and condominium units. Audiovisual systems support state-of-the-art collaboration, meeting, guest and residential experiences.



Resorts World

CATSKILLS, NY | 1.6 MIL SQFT

We provided comprehensive acoustic consulting for the M Centre, ensuring minimal background noise, strong speech privacy, and effective noise isolation between guest rooms, meeting areas, the pool, and the Salon Prives—critical in a casino resort that also functions as an "indoor water park." Our design maintained acoustic integrity across all spaces, including floor slabs and partitions to control both airborne and impact noise. Across four major entertainment venues—Empire Lounge, Sportsbook 360, Doubletop Bar & Grill, and the Epicenter—we created acoustic environments that balance sound containment and energy, drawing guests in while showcasing performers at their best. Our technology team designed and integrated AV systems throughout the hotel, gaming areas, and amenities, delivering a seamless guest experience with custom reservation systems, wayfinding, digital signage, and in-room technology.



Ritz Carlton Hotel

CAIRO, EGYPT | 689,000 SQFT

We provided a full range of acoustical engineering services for the conversion of The Nile Hilton Hotel into The Nile Ritz- Carlton Hotel. The conversion included an addition of a conference centre, hotel, consisting of 12-storeys, banquet facilities, including meeting rooms, restaurants, casino, bar, retail, business centre, cabanas, pool side dining, spa and fitness centre.