

 **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.

We add hospital(ity) to healthcare facilities.

At Trinity Consultants, we know that in healthcare environments, the difference between good design and great design can be measured in patient outcomes, staff performance, and operational resilience. From hospitals and outpatient clinics to complex laboratories, we deliver integrated solutions in acoustics, vibration control, technology, commissioning, and sustainability — ensuring that healthcare spaces are quiet, reliable, and supportive of healing.

Acoustic Design for Healing and Privacy

Controlling noise and vibration is one of the most significant acoustical challenges in today's healthcare facilities. We believe our design is a success when the acoustics of a space go unnoticed, creating environments that reduce stress, protect patient privacy, and support recovery. Proper acoustical planning also ensures clear staff communication, which is critical to safe and efficient care. We achieve high acoustical performance through careful sound isolation between rooms, the use of sound-absorptive materials, exterior envelope design, and strategies to isolate mechanical systems. Our expertise extends to vibration control, addressing both structural concerns and the isolation of sensitive medical equipment. By applying acoustic design both internally and externally, we help facilities achieve environments that are quiet, stable, and restorative.

Compliance and Design Standards

Our team is highly knowledgeable in the FGI Guidelines for Hospitals and Outpatient Facilities, which outline criteria for exterior noise, acoustical finishes, in-room noise levels, sound isolation, paging and call systems, and vibration control. We also bring experience with the acoustical credits proposed in LEED® and WELL® certifications for healthcare, helping institutions align with sustainability and wellness objectives while maintaining patient-centered acoustical excellence.



Commissioning Services

Commissioning (Cx) is essential in healthcare facilities, where reliability and compliance are critical. We validate HVAC systems to meet infection control parameters, ensuring positive pressure in operating rooms, negative pressure in isolation rooms, and proper air changes, humidity, temperature, and HEPA filtration. Our work extends to verifying power infrastructure, including redundancy and resilience of generators, automatic transfer switches, and life safety circuits. We also commission critical low-voltage systems — such as nurse call, code blue, infant abduction, fire alarm, and CCTV — testing functionality, integration, and response reliability. This rigorous approach ensures that all systems perform consistently, safely, and in alignment with regulatory and operational requirements.

Sustainability and Wellness

Sustainability in healthcare goes hand-in-hand with patient and staff wellness. We integrate energy-efficient systems, responsible materials, and advanced controls to reduce environmental impact while enhancing building performance. Our designs support LEED® and WELL® certification pathways, ensuring that facilities not only meet technical and regulatory standards but also promote long-term resilience, energy efficiency, and human health.

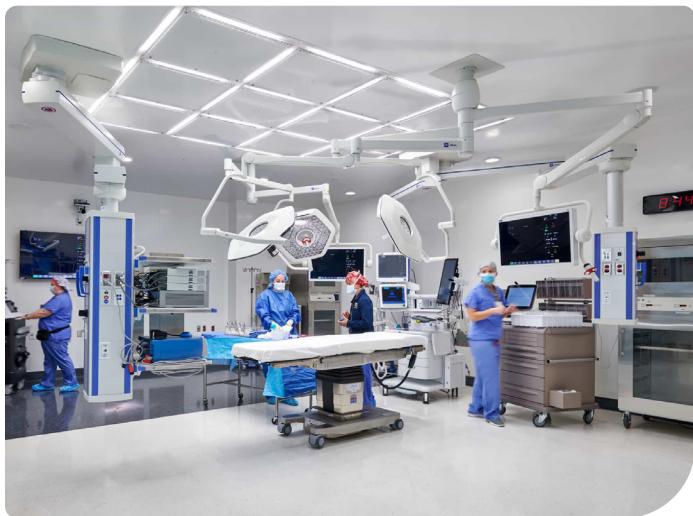
Trinity Consultants delivers healthcare solutions that combine acoustics, commissioning, technology, and sustainability to create environments where patients heal, staff thrive, and systems perform reliably. By designing for clarity, comfort, compliance, and resilience, we help healthcare institutions achieve their mission of care.



Massachusetts General Hospital Lunder Building

BOSTON, MA | 535,000 SQFT

Our role comprised of ensuring noise control and considering patient privacy. All patient rooms are of single occupancy. This suggestion was made not only to prevent the spread of infections, but also to create a private space for patients and their family members while acoustically isolating the patient for optimal recuperation. We also made recommendations for acoustical separation between nursing pods to lower excessive noise generated by conversation and movement in halls. Working closely with NBBJ, we came up with a room layout that reduced acoustical reverberation. Acoustical ceilings and wall panels and rubber floors so installed to help improve unwanted sounds.



MedStar Georgetown University Hospital Medical & Surgical Pavilion

WASHINGTON, DC | 487,400 SQFT

The construction of the new medical/surgical pavilion, will transform the way personalized care is delivered, deploy new technologies and meet the needs of families throughout the region and beyond. Our team developed and provided acoustic design criteria, with the goal to bring a sense of calm to all areas of the PX – from the underground parking garage to the emergency department that can be directly accessed from a rooftop helipad. We also collaborated with the structural engineers to ensure specific vibration criteria are met throughout the building in sensitive equipment areas, including operating room, imaging suites and laboratories.



Children's Healthcare of Atlanta - The Center for Advanced Pediatrics

ATLANTA, GA | 280,000 SQFT

Children's Healthcare of Atlanta has set a new standard for sustainable healthcare design on its 70-acre North Druid campus, with WorkingBuildings as a key partner in commissioning and sustainability consulting. The campus includes the 260,000-square-foot Center for Advanced Pediatrics (LEED Gold), the Children's Support Center (LEED Silver), and the soon-to-open Arthur M. Blank Hospital, all designed to prioritize patient well-being and environmental stewardship. Despite challenges such as a complex construction scope, tight timelines, and the COVID-19 pandemic, WorkingBuildings implemented innovative solutions including phased commissioning, early issue identification, and rigorous sustainability measures—from rooftop air-handling systems to heat-island reduction. This collaborative approach streamlined LEED certification, diverted substantial construction waste from landfills, and delivered meaningful water and energy savings, resulting in efficient, future-ready facilities.



Texas Children's Hospital

HOUSTON, TX

We developed a comprehensive security risk assessment, thoroughly reviewing the present security profile, studying the hospital's readiness for its recently announced enterprise-wide security program. The assessment included review of the current design and security staffing for improving the security department as it grows into the future. We evaluated systems and capabilities at four different facilities based on specific security program aspects, guiding the overall organizational design of the enterprise security program, including enterprise-wide security resource allocation, staffing, and deployment. Reviews of current/future security technology included reviews of weapons detection systems and their efficacy, and included physical and electronic security systems' applications. Our studies also included security training, professional development, security facility orders, workplace violence prevention and response, visitation, and assessment of all high-risk areas.