

# Designing Healthcare Facilities

Acoustics & Technology  
Consulting

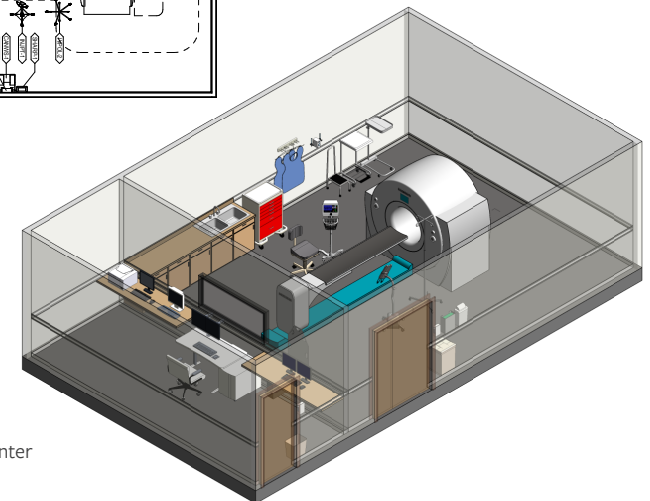
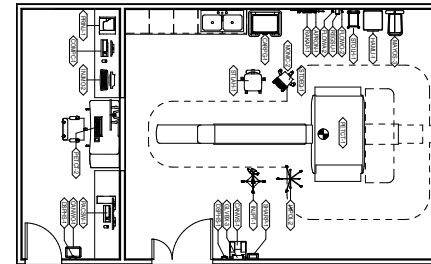
SHEN MILSOM & WILKE

## WHO WE ARE

**SM&W's core purpose is to provide guidance and creative technology solutions to make the places we work, play, learn and live more functional, safe, and welcoming.**

Founded in 1986, Shen Milsom & Wilke, LLC is an independent, internationally recognized technology consulting firm with 15 offices on three continents. Our areas of practice include healthcare, higher education including medical education, science + technology, hospitality, mixed use, corporate, and government. The convergence of our expertise in Audiovisual, Acoustics, IT, Security, and Medical Equipment Planning strengthens the design process and leads to improved outcomes for our clients.

SM&W delivers a consistent methodology locally and globally. Our approach has been the key to the successful delivery of over eighteen thousand projects in more than 40 countries. Our shared infrastructure includes a training and education program and a consistent delivery process.



BIM Rendering of a new  
comprehensive cancer center





## Creating Intelligent Healing Environments through our Converged Disciplinary Solutions

**SM&W's converged multidisciplinary solutions are designed to meet your needs.** By providing coordinated Medical Equipment Planning, Healthcare IT, Acoustic, Audiovisual, and Security consulting services, we ensure an efficient, cost effective, single source solution. Our team of experts offers guidance from budgeting and planning through procurement and installation. Our synchronized, integrated services include nurse call, RTLS, IoT device deployment, and more.

**SM&W is an independent consultant.** We pride ourselves on our loyalty to clients, independent of vendors, manufacturers or integrators. Our impartiality means that we are able to craft an objective and appropriate solution that is specific to your project's operational goals and budget.

Our **Medical Equipment Planning Group** offers comprehensive:

- > Equipment/Systems Responsibilities Delineation (Budgeting, Specifying, Supplying, Installing)
- > Conceptualization and Criteria Design
- > Existing Equipment Inventory and Assessment
- > Programming, Needs Analysis and Equipment Budgeting
- > Detailed Room by Room Major/Minor Equipment Specification Development
- > Equipment Placement Drawings and Typical Specialty Room Layouts
- > Medical Equipment Construction Administration
- > Procurement, Logistics, Receiving Management and Associated Services
- > Installation, Relocation Coordination and Management

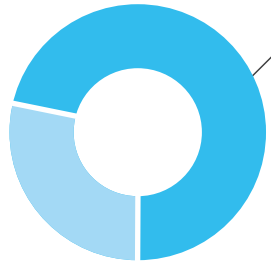
**SM&W**



## WHAT WE DO

### We are committed to excellence, innovation, and quality patient care.

SM&W has provided medical equipment planning and procurement services on projects ranging from 1,000 sf to over 1,000,000 sf of new and renovated area. Our expert team of medical equipment planners and healthcare information technology consultants has developed a process that enables us to focus on forward thinking solutions while maintaining the highest level of quality assurance.



**70%** of our Medical Equipment Planning team each has more than 15 years of experience. We have staff with nationally recognized credentials. Our professionals participate in healthcare industry conferences and seminars frequently to keep them on the forefront of design and planning.

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## OUR EXPERIENCE

SM&W has provided medical equipment planning services on more than **200 projects** for major healthcare systems, academic medical centers, specialty hospitals, as well as urban and community hospitals. Many of our clients have been **with SM&W for more than 15 years**.

## HEALTHCARE TECHNOLOGY PLANNING & DESIGN



**MEDICAL EQUIPMENT    HEALTHCARE IT    ACOUSTICS    AUDIOVISUAL    SECURITY**



### Inova Schar Cancer Institute FALLS CHURCH, VA

SM&W provided medical equipment planning expertise for the international center for advanced cancer research. The cancer center is full of state-of-the-art medical technology, and designed to be a destination for cancer care under the Inova Health System umbrella.



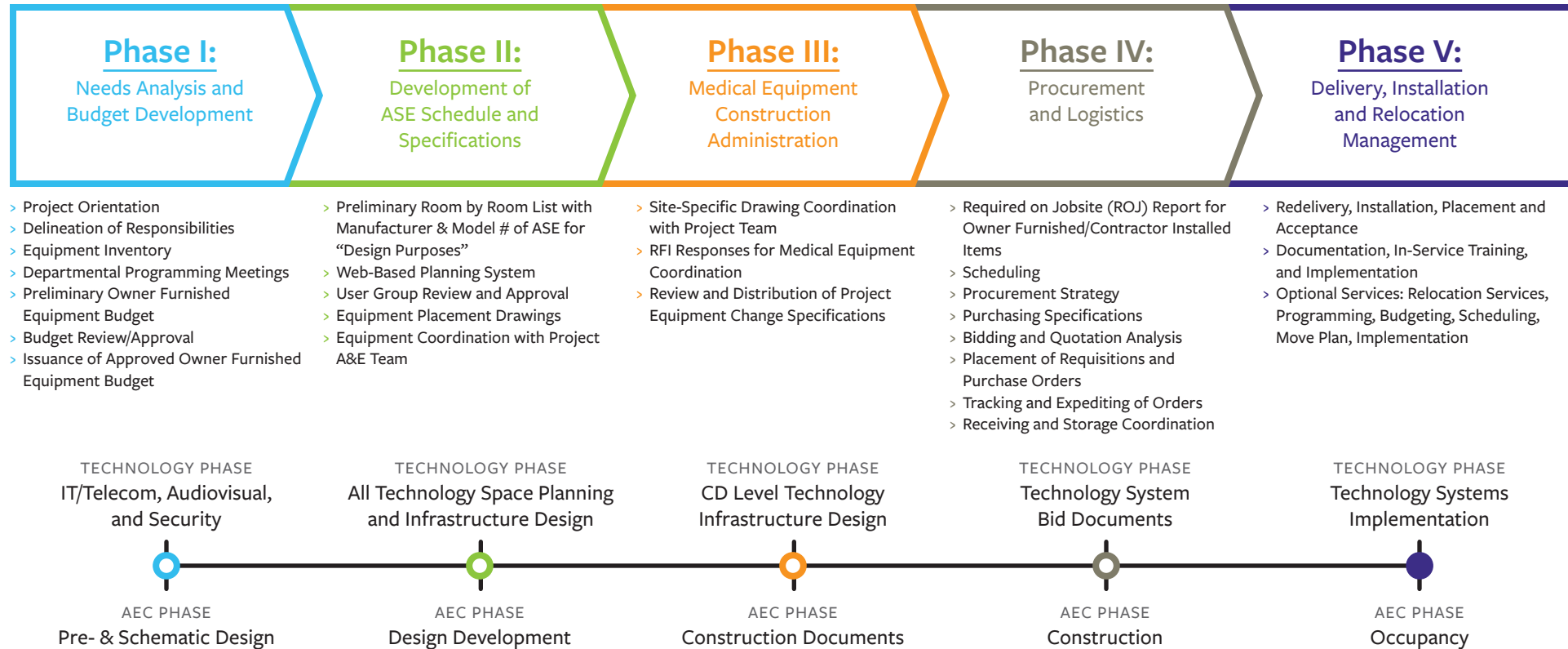
### Al-Amiri Hospital Expansion Design KUWAIT CITY, KUWAIT

SM&W provided acoustical, audiovisual, IT infrastructure, medical equipment planning, and physical security consulting expertise for the expansion of the existing hospital complex in the Sharq area of Kuwait City. The 101,000 SM, HOK project is envisioned to encompass a total capacity of 416 beds, organized into multiple wards.

## Efficient Project Delivery

Through each phase of the project, from needs analysis through installation, our process facilitates interactive communication among all members of the project team to produce a collaborative, focused effort. Our unique project documentation is an integral tool and reference for all team members during each phase, guiding the project to a successful conclusion.

Our effectiveness, an outgrowth of our many years of combined unique experience, readily translates into our ability to identify opportunities for efficiencies that might otherwise be missed, and to avoid potentially costly pitfalls. We help to reduce costs by providing unbiased solutions to high-cost medical equipment. **Having an objective, knowledgeable partner who can provide expert direction results in significant cost savings.**



### University of Iowa Hospitals and Clinics, Stead Family Children's Hospital IOWA CITY, IA

University of Iowa Hospitals and Clinics Children's Hospital houses over 40 pediatric specialties and more than 170 pediatric physicians and surgeons. It emphasizes a healing environment that improves the well-being of children and their families.



### University at Buffalo, Jacobs School of Medicine and Biomedical Sciences BUFFALO, NY

This new school at the University at Buffalo brings 1,200 students and faculty to the school's downtown campus. SM&W was engaged by HOK to provide interdisciplinary approach allowing the key building technologies to function seamlessly.



**Our clients are hospital administrators, facility owners and architects.** Outfitting a modern healthcare facility is a complex process requiring many skill sets, including expertise in space programming and planning, biomedical engineering, information technology and project management. SM&W works closely with design team members and key hospital staff to improve the patient care environment and outcomes for our clients around the world.

- > Inova Health System
- > Children's National Health System
- > University of Chicago Medicine
- > Memorial Sloan-Kettering Cancer Center
- > New York Presbyterian Hospital
- > Lakeland Medical Center
- > Stanford University Medical Center
- > UPenn Medicine
- > Stamford Hospital
- > Montefiore Medical Center
- > Advocate Aurora Health
- > Massachusetts General Hospital
- > M.D. Anderson Cancer Center
- > New York Eye & Ear Hospital
- > Johns Hopkins Hospital
- > Gettysburg Hospital
- > WellSpan Surgery & Rehabilitation Hospital
- > Washington County, MD, Hospital
- > Veterans Administration Hospital
- > Northwestern University Medicine
- > Danbury Hospital
- > State University of New York (SUNY)
- > Cook County Oak Forest Hospital
- > Hospital for Special Surgery
- > Rush Health
- > University of Pittsburgh Medical Center
- > Robert Wood Johnson University Hospital
- > Princess Noura bint Abdulrahman University
- > Hackensack Meridian Health
- > University of Iowa Hospitals & Clinics
- > MetroHealth
- > King Saud bin Abdulaziz University Medical Center
- > Trinity Health System
- > OSF HealthCare



### Located globally to better serve you.

Shen Milsom & Wilke is an international firm of more than 200 talented and dedicated professionals who provide technology and design consulting for new construction and renovation projects of all sizes.

### SHEN MILSOM & WILKE GLOBAL HEADQUARTERS:

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