

At any one time, we're supporting as many as 200 construction and renovation projects. This software delivers our team the capabilities we need to communicate relevant facility details accurately and efficiently.

—Joe Porostosky
Manager of Space Information
and Management
The Ohio State University
Medical Center

Improving facility management.

Medical center supports its facilities more efficiently with AutoCAD software.



Image courtesy of The Ohio State University Medical Center.

Project Summary

Comprised of more than 5 million square feet of interior space, The Ohio State University Medical Center (OSUMC) is one of the largest academic medical centers in the United States. The medical center's Space and Information Management department maintains floor plans, MEP details, facility life safety information, and as-built drawings for OSUMC's three main campuses and many ambulatory locations. The department makes facility information available for a wide array of uses, including space planning, construction projects, and routine maintenance. In fact, the department could be providing information for as many as 200 large and small construction and renovation projects at any one time. To maintain and share its library of more than 300 facilities plans, OSUMC relies on AutoCAD® software.

AutoCAD software enables the OSUMC's space analysts to manage and communicate space information more efficiently. Projects involving existing buildings begin with OSUMC providing the project designers with AutoCAD drawings of the affected space. And for new building projects, the OSUMC team receives the construction documents from the project's designers after completion. They then convert the plans to the medical center's CAD standards using customized layer translators in AutoCAD, saving significant time. OSUMC also uses AutoCAD to maintain and share fire and life safety information, such as the locations of fire-rated walls and fire extinguishers. When the medical center's people and departments move, the Space Information and Management team updates campus maps and room numbering to ensure patients and staff members can easily find the

new locations. Space analysis with AutoCAD even contributes to the medical center's research mission by helping to accurately—and quickly—track space and equipment devoted to specific projects, which is a requirement of many research grants. By taking advantage of AutoCAD to maintain facility information, the Space Information and Management team at the OSUMC is able to:

- Convert plans from outside firms to the medical center's CAD standards as much as 75 percent faster
- Report on space usage more quickly and accurately
- Streamline routine maintenance with clear and accurate MEP plans
- Support safety and compliance by communicating the locations of safety equipment more precisely

About The Ohio State University Medical Center

Located in Columbus, Ohio, The Ohio State University Medical Center improves people's lives through medical research and personalized healthcare. The Ohio State University Medical Center has consistently been named one of America's best hospitals and ranked among the country's top academic medical institutions by *U.S. News & World Report* magazine. The Ohio State University's academic medical center includes the College of Medicine, OSU Physicians and University Hospital, the James Cancer Hospital and Solove Research Institute, University Hospital East, OSU Harding Hospital, Dodd Hall Rehabilitation Hospital, Ross Heart Hospital, and a network of community care sites. OSUMC is the educational and professional home to nearly 16,000 faculty, staff, and students.