Reducing energy consumption
Leveraging interoperable BIM data for energy analysis

The Ohio State University (OSU) is among the top public universities in the United States and managing the facilities that serve the 30,000 undergraduates is no small task. The facilities information department at Wexner Medical Center at OSU undertook an ambitious initiative to bring the power of building information modeling (BIM) to the way it manages its buildings and plans for future renovations.

Joe Porostosky, Senior Manager of Facilities Information and Technology Services, The Ohio State University

"For us, BIM is a communications tool that improves decision-making. It brings people without design or drafting experience into space planning and other facilities management processes."

How they did it
Ohio State’s methodology

Outcomes achieved

Better renovation decisions
BIM data for more informed decision making

Reducing energy consumption
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The bottom line
Key benefits of Ohio State’s approach

"Requests for changes were common, but not anymore. [Building occupants] can now review and comment on a 3D model. We apply their preferences in Revit and secure final approval before modifying the space. Making those changes after construction would’ve taken time and cost thousands of dollars."

Joe Porostosky, Senior Manager of Facilities Information and Technology Services, The Ohio State University

Outcomes achieved

BIM saves university time and money on renovations

Using BIM, the facilities management department at OSU began creating 3D, digital, intelligent project models of all 500 buildings and 35.4 million square feet of interior space on its main campus and the savings add up.