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World!™

GREAT LAKES
CASE & CABINET 
Invest in Solid Engineering

EDUCATION solutions



*Pennsylvania
System Of Higher Education
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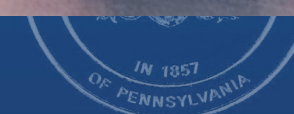


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11-12 Rev. 0

Chancellor, State System of Higher Education

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Great Lakes Case & Cabinet has been providing solutions for elementary, secondary, trade and higher educational institutions for more than two decades. Whether the need is for traditional data storage or housing classroom AV equipment, Great Lakes is able to meet the application with high quality racks, wall mount and free-standing enclosures, technical furniture systems and custom products.

When student data and records require protection, Great Lakes standard products have specially been designed to be compliant with the requirements of the Family Educational Rights and Privacy Act (FERPA). In some instances, educational institutions must also comply with the Health Insurance Portability and Accountability Act of 1996 (HIPAA). Our data enclosures, wall mounts, Mobile Work Station, and DVR lock boxes offer ways for information to be secured in a variety of locations, from data rooms, to class rooms and the principal's office!

Although not subject to OSHPD (Office of Statewide Health Planning and Development), many educational facilities have turned to the organization as a source for deciding what type of materials to use in their building. OSHPD Pre-Approval (OPA) numbers are available for our most popular racks, enclosures and wall mounts. These products were independently reviewed, submitted to OSHPD and determined to be in compliance with the 2010 California Building Code. For more information relating to OSHPD, please visit <http://werackyourworld.com/resources/OPA/>

In addition to standard products, Great Lakes offers some of the most sophisticated manufacturing capabilities in North America, allowing us to create custom products for unique educational requirements. Custom products can be engineered and manufactured within a standard lead time of six weeks or within ten working days when using our "Fast Track" Design and Production Service.



30"H E Series Enclosure integrated into a lab table.

As a metal fabricator, Great Lakes is not only able to provide data center and wall mount applications to meet the needs of educational institutions, we are also capable of creating unique products for specific needs. Here are just a few examples of these standard and custom solutions:



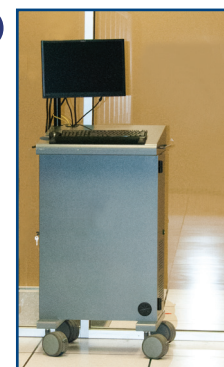
A school district in Central Florida developed a plan to install a wall mount enclosure in each classroom to house audio, video, and wireless communication equipment. The program involved several thousand enclosures, deployed in stages, over several years, based on available budget and labor. Each enclosure was custom configured in the same manner to meet the unique installation requirement of the classroom. A specific part number was created for this configuration, making it easy for the school district to order as needed, in any quantity.



A Midwestern university requested seventeen technical podiums created around the Great Lakes' 300E Series enclosure. Installed in a number of classrooms, each podium was different; some were integrated into a lab table, some were built into a platform as a central lectern within the classroom and others were designed on casters to be mobile. Each included a podium top; a slide-out work surface and a drop-down control panel door. Rack mount equipment could still be installed within the enclosure. A customized hole was cut into each unit to accommodate a cable bundle containing all the various wires and cables for the multi-media systems unique to each classroom.



A university data center used Great Lakes to build its data center from the "ground, up"—literally! Located in Southern California, the data center is susceptible to potentially strong seismic activity. While the EZ Seismic enclosure is ideal for these locations, the customer wished to use the ES Server enclosure for its cooling and cable management features. To help protect against seismic activity, Great Lakes developed 18"H structural risers that would be bolted to the concrete floor and then the enclosure bolted to the risers; raised floor was installed around the enclosures. Chimneys and air managers were installed to create a closed-loop exhaust circuit. Large threaded rods were installed to the top of enclosures to facilitate the expansive overhead cable system; nothing was suspended from the ceiling. Cable baskets run the entire length of the data center, all supported by the strength of Great Lakes' ES enclosures.



The Mobile Work Station (MWS) serves as a professional mobile lectern which can be easily moved from classroom to classroom as needed. The flat screen monitor arm can be made to face the presenter or the audience, offering easy support as a reference for projected presentations to a large group, used as a platform for the mounting of lecture/capture equipment or as a means to share presentations or demonstrations to a smaller audience. The locking storage compartment has space for a CPU, laptop, or other materials that must be safely stored.