

GREAT LAKES CASE & CABINET



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Managua, Nicaragua is home to the \$10.3 million International Technology Park that is owned and operated by Accedo Technologies. The park provides the technology infrastructure needed to support its core business process outsourcing (BPO) and Information Technology Outsourcing (ITO) services to Fortune 100 companies. Accedo's data center also provides co-location and cloud computing services to local markets, with many customers that are a part of the financial and food service industries.

When the data center initially opened in 2009, enclosures within the data center were supplied by other enclosure manufacturers. Over time, it became difficult to work with these manufacturers as they were not able to meet Accedo's configuration and delivery needs. Great Lakes was then given the opportunity to present its enclosures and solutions to Accedo.

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The flexibility of Great Lakes ES server enclosures created an ideal match for Accedo. The strength of the enclosure allows a variety of equipment to be mounted, including servers, routers, and LAN switches. Because each enclosure is 19" EIA compliant and features universal mounting rails, equipment from multiple manufacturers can be easily mounted. Fourteen Great Lakes GL840ES-2442 enclosures were installed in the data center. Each enclosure was completed with two, CH-02 handles, a handle with a three-digit combination lock and master key.

Accedo felt confident that Great Lakes would be able to support their operations as they continued the long and costly process of reaching and complying with multiple standards and classification systems.

Much of Nicaragua lies on a fault zone, so Accedo has taken several steps to ensure customers that their data will be safe. The 900 square foot data center is surrounded by 8.5" thick concrete walls, which meet and exceed the California seismic building code. The data center also meets Tier IV: Fault Tolerant Site Infrastructure certification guidelines (as defined by the Uptime Institute), where each component of the data center must have a physical backup. With redundant systems, the site is not susceptible to disruption from unplanned events or planned work activity.

The physical data center as well as equipment installed within enclosures has received Payment Card Industry (PCI) certification and is fully compliant with US financial regulations such as the Gramm-Leach-Bliley Act (GLBA) and the Sarbanes-Oxley Act (SOX).

To accommodate growing business, Accedo Technologies continues to work on designs for their second data center, scheduled for completion in the fourth quarter of 2013. The data center will have usable space of 5,000 square feet and will feature 125 enclosures.

GL840ES-2442 Enclosure Description:

- 84"H x 24"W x 42"D
- 44 RMU
- Weight Capacity:
2000 lbs. (on levelers)
1800 lbs (on casters)
- CH-02 handle
(three-digit combination lock
and master key)



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