



"By constructing the mission critical facility within a well insulated, airtight, water and hermetically sealed enclosure, the effects of environmental heat, infiltration of dust and humidity fluctuations can be reduced considerably, if not eliminated."
 - LAN Associates Engineering

Improve Operating Efficiencies.

- Energy Efficiency
- Total Cost of Operations
- Spatial Elasticity® - Variable Growth



iFortress is a structural platform that not only enables but empowers all "best practice initiatives" with respect to energy efficiency. A totally controlled environment, the MCF Series iFortress™ is a highly insulated, airtight, hermetically sealed facility. This facilitates the highest degree of equipment optimization possible and inherently secures the facility from many external influences including dust and humidity, which means significantly less maintenance and operating costs.

"High reflectance, bright white interior surface allowed us to reduce our lighting requirements by 50%."



PUE's—1.3 to 1.1
Zero Over Pressurization
100% Net Efficiency Gain
Mitigates Humidity
Mitigates Dust Infiltration



DUST
HUMIDITY

4" iGuard Armor Panels™
Six-sided/Self Contained
Highly Insulated/R22
Airtight/Hermetically Sealed
Low PUE's—1.3 to 1.1



Controlled Environment
Homeostatic Thermal Dynamics
Dust Free/No Humidity
Less Maintenance
20% to 30% Less Energy
Less Maintenance and Operating Cost

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