

TIER REQUIREMENTS	Source: The Uptime Institute				DataCenter.BZ Exceeds UTI's Tier IV
	Tier I	Tier II	Tier III	Tier IV	
Number of delivery paths (power and cooling)	Only 1	Only 1	1 active 1 passive	2 active	2 active
Redundancy	N	N+1	N+1	2 (N+1) or S+S	2 (N+1)
Compartmentalization	No	No	No	Yes	Yes
Concurrently Maintainable	No	No	Yes	Yes	Yes
Fault tolerant to worse event	None	None	None	Yes	Yes

TIER ATTRIBUTES	Source: The Uptime Institute				DataCenter.BZ Exceeds UTI's Tier IV
	Tier I	Tier II	Tier III	Tier IV	
Building type	Tenant	Tenant	Standalone	Standalone	Standalone
Staffing	None	1 Shift	1+ Shifts	"24 by forever"	"24 by forever"
Useable for critical load	100% N	100% N	90% N	90% N	90% N
Initial watts per square foot	20-30	40-50	40-60	50-80	500 watts per sf (with the cooling to match)
Ultimate watts per square foot	20-30	40-50	100-150	150+	500 watts per sf (with the cooling to match)
Uninterruptable cooling	None	None	Maybe	Yes	Yes
Support space : raised floor	20%	30%	80-90%	100+%	100+%
Raised floor height	12"	18"	30-36"	30-36"	Only 24" needed with no under floor cabling and 27-foot ceilings
Floor loading pounds per SF	85	100	150	150	600
Utility voltage	208, 480	208, 480	12-15kV	12-15kV	13.2kV; dual sub-station feeds, dual grid feeds, AFS service, 2N generators
Single points of failure	many + human error	many + human error	some + human error	none + human error	none + human error
Annual site-caused IT downtime (actual)	28.8 hrs	22.0 hrs	1.6 hrs	0.4 hrs	0.00000 hours (actual 2007 to date for A&B)
Site availability	99.671%	99.749%	99.982%	99.995%	100.000%
Months to Implement	3	3 to 6	15 to 20	15 to 20	Currently being leveraged by numerous carriers, govt. entities & Fortune 1000 cos.
Year first deployed	1965	1970	1985	1995	November, 2007
Other	n/a	n/a	n/a	n/a	<ul style="list-style-type: none"> <li>- SAS70 Type II certification; pursuing LEEDs</li> <li>- Ultra high power/cooling density allows economical footprints; lower price and better SLAs than any Tier III/Tier IV facility in Ohio</li> <li>- 911 rated facility; no emergency power off</li> <li>- DataCenter.BZ owns all property, buildings and its own dark fiber conduits, fiber cables and laterals around Central Ohio</li> <li>- same site leveraged by multiple carriers for their own regional base of operations</li> <li>- 12 Tier 1 and other major network carriers on raised floor each with dual diverse fiber feeds; \$50 cross connects direct to carriers or to 5-carrier core with performance routing</li> <li>- 10 additional carriers on property along with CFN/dubLINK/Ohio Mid-Mile/OARnet</li> <li>- 27-foot tall ceilings, seven 2-MW generator design, 145 MPH wind rated, dual roof system</li> </ul>