List of providers
1 Opus Interactive _____
2 _____
3 _____

Technology, meet Humanity.
opus:interactive

//Data Center Checklist

COMPANY PROFILE

	OI	2	3
Privately held	✓		
Multiple data centers	✓		
Multiple service locations	✓		
Reputable reference accounts	✓		
Core competency – designs, engineers and delivers data center products and services	✓		
Provides a 100% uptime SLA	✓		
Offers modular data center products and services	✓		
Offers enterprise-grade "private cloud" Infrastructure as a Service	✓		
Standardized data center hardware	✓		
Offers software optimized data center infrastructure	✓		
Meets ultra-high security requirements	✓		

ENVIRONMENTAL THREATS & LOCATION

	OI	2	3
Earthquakes - lowest risk	✓		
Tornadoes - lowest risk	✓		
Hurricanes - lowest risk	✓		
Tidal flooding - lowest risk	✓		
River flooding - lowest risk	✓		
Tsunami - lowest risk	✓		
Blizzards/Hail storms - lowest risk	✓		
Located in flood plain			
Located in flight path			
Adjacent to highway with hazardous shipping			
Adjacent to railroad tracks			
Easily accessible from airport/highway	✓		
Major delivery services available	✓		

ENERGY EFFICIENCY

	OI	2	3
LED lighting	✓		
Motion activated lighting	✓		
Ultrasonic humidification	✓		
Variable frequency drive chillers	✓		
Variable frequency drive pumps	✓		
Variable frequency drive cooling towers	✓		
Variable frequency drive air handlers	✓		
Sealed cabinets	✓		
Insulated roof			

COMPLIANCE AVAILABLE

	OI	2	3
SSAE 18 - SOC 2 Type 2 Audited	✓		
PCI-DSS	✓		
HIPAA	✓		

CORE POWER

	OI	2	3
Total capacity available at data center (# MW)	24		
On-site substation			
If yes, is substation dedicated to provider's use?			
Diverse high voltage feeds from utility	✓		
If yes, 12.7 kV/KVA or >?	✓		

CRITICAL POWER

	OI	2	3
# backup generators on-site (8 or more?)	✓		
15.25MW or > backup capacity currently available?	✓		
29,600 gallons diesel fuel stored on-site or more?	✓		
How long at full load? (# hours)	72		
Proximity to diesel fuel filling station (# miles)	10		
Battery backup capacity at load (# minutes)	5		

UNINTERRUPTIBLE CONDITIONED POWER

	OI	2	3
Concurrently maintainable design	✓		
UPS currently available 8MW, or greater?	✓		
Total UPS available at site 20 MW, or greater?	✓		
Diverse UPS manufacturers	✓		
Diverse PDU manufacturers	✓		
Power density across data center (200Watts UPS/SF, or >)	✓		
Spot densities per square foot (25KW/cab, or more?)	✓		
Color-coded power cabling	✓		
Hand-sewn, wax string used	✓		
Overhead cabling	✓		

DATA CENTER STRUCTURE

	OI	2	3
LEED Platinum Certified	✓		
Steel reinforced concrete	✓		
240,000 square feet	✓		
# stories	1		
On-site office space	✓		
# freight elevators	1		
# truck/shipping bays	2		
Secure storage	✓		
Managed shipping and receiving	✓		

//Data Center Checklist

EFFICIENCY	OI	2	3
Thermal Energy Storage (TES) option available	✓		
% of time free cooling can be used	✓		

HEAT REJECTION	OI	2	3
# of compressors/chillers	9		
# evaporation towers	10		
Capacity of chilled water plant (3400 tons or more)	✓		
Bi-directional, welded, valved chilled water loop	✓		

WATER	OI	2	3
Diverse water mains	✓		
142,000 or more gallons water stored on-site	✓		

SUPPORT SERVICES	OI	2	3
Remote hands/Smart hands available	✓		
24x7 On call engineers	✓		
Managed Services Options	✓		
IaaS Offerings	✓		
Cloud Hosting Offering	✓		
Dedicated Servers	✓		

ACCESS CONTROL	OI	2	3
Traffic bollards/car traps	✓		
Digital video surveillance	✓		
Customer defined access lists	✓		
Visitor tracking	✓		
Biometric screening available	✓		
Mantraps	✓		
Locking cabinets, cages, suites and modules	✓		
Private access control systems allowed	✓		
24x7xForever customer access without delay	✓		
Fenced property	✓		

AIR HANDLING	OI	2	3
Concurrently maintainable design	✓		
45 or more modular CRAH units	✓		
Capacity of CRAH units (kw or tons per unit)			
High-efficiency raised floor			
High-density cold aisle containment	✓		
High-efficiency chilled water system	✓		
Variable speed plug fans	✓		

NETWORK CARRIERS	OI	2	3
AT&T	✓		
Telia	✓		
ACS Alaska	✓		
Cogent	✓		
Comcast	✓		
CenturyLink	✓		
he.net	✓		
Integra Telecom	✓		
Level 3 / TW Telecom	✓		
LS Networks	✓		
SilverStar Telecom	✓		
Verizon Business	✓		
Wave / Spectrum Networks	✓		
TATA	✓		
XO	✓		
Zayo	✓		

NETWORK CONNECTIVITY	OI	2	3
Free monthly cross-connects	✓		
Carrier-neutral	✓		
On-site Meet-Me-Room	✓		
# diverse fiber entry vaults	✓		
10 or more network providers on-site with gateway access	✓		
Enterprise-grade internet bandwidth w/minimum	✓		
10GB connections to each provider	✓		
Private data transport between data centers	✓		
Dark fiber available	✓		
Wireless service available	✓		

ENVIRONMENTAL CONTROLS	OI	2	3
Discreet PLC system automation	✓		
Redundant controllers	✓		
Smoke detection	✓		
Interlocked, multi-zone, pre-action dry pipe and clean agent gas fire suppression	✓		
Rope-style leak detection	✓		
Single point grounding system	✓		
UL approved perimeter lightning protection system	✓		