

LiquidCool Data Center

capabilities STATEMENT

Corporate Summary

Fiberoptiq, LLC data center is high-performance computer hardware and system that cools electronics by *Total Immersion* in a dielectric fluid. Benefits include:

- Significantly reduces Data Center CapEx and OpEx
- Increases equipment reliability
- Cuts space requirements
- Conserves water
- Runs silently

Customers pay less upfront, and every day the data center and/or server system operates while maintenance is quick and neat.

Core Competencies

- LiquidCool Data Center(s) convert or upgrade any Commercial Real Property to be more energy efficient asset
- Data network hub and infrastructure operation for commercial building construction project, Edge Computing
- Managed cloud and telecommunication systems network

Value Proposition

- Reduces Capital Cost
- Reduces Operation Cost
- Conserves Water.
- Increases Server Lifetime
- Improves Reliability
- Silent Operation
- Supports High Density
- Budget Compliance

NAICS CODES

518210 Data Processing, Hosting, Related Services (PRIMARY)

517919 All Other Telecommunications

517312 Wireless Data Communications Carrier

517311 Wired Telecommunications

334111 Electronic Computer Manufacturing

PSC CODES

D316

D301 IT Telecom-Facility Operation, Maintenance (PRIMARY)

D305 IT Telecom-Teleprocessing, Timeshare, Cloud Computing, High-Performance Computing

IT Telecom-Telecommunications Network Management

D322 IT Telecom-Internet

D325 IT Telecom-Data Centers, Storage



National Renewable Energy Laboratories (NREL)

Server system was tested and use at NREL which is the United States Dept. of Energy's data center facility demonstrated server system capability to recover 95% of heat from the server system to be used by conventional building heating systems.

Lawrence Berkley National Laboratory

Assessed our server system technology for the U. S. Navy's Transformative Reductions in Operational Energy Consumption (TROPEC) program for continuous operation of servers and communication/network equipment with no mechanical cooling.

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Confirmed that our server system dielectric fluid does not have a deleterious effect on Intel processors and all processor cores, and memory operated well within operated range that resulted in Intel committing extended warranty terms to processors integrated with dielectric fluid server system employs.

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CAGE Code. – 8GJ02 DUNS Number. – 047524928