

# Iceotope develops innovative cooling systems for extreme environments

“With this technology coming online, the barrier for enterprise and high performing compute at the edge has been broken. We can deliver high performance virtually anywhere.”

– **Jason Matteson**, Director of Product Strategy, Iceotope

[Explore HPE OEM](#)

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**Solution:**  
OEM

**Industry:**  
IT

**Country:**  
United  
Kingdom



Iceotope’s chassis-level precision immersion cooling technology is used and endorsed by some of the world’s biggest companies. 100% sealed at chassis level, Iceotope’s liquid cooling solutions isolate and protect the critical IT from the surrounding environment and atmosphere. Iceotope ranked as the **14th Fastest Growing Technology Company in the UK in the 2019 Deloitte Technology Fast 50** and ranked **65th in the 2019 EMEA Fast 500** makes it one of the fastest growing hardware companies in the world.



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### Objectives

- Create a high-performance, low-cost micro data center that could thrive in virtually any environment
- Improve data center density and deficiencies at the edge
- Reduce the energy needed for cooling

### Requirements

- Secure a partner that could supply high-performance servers as well as the technical expertise to make the innovative cooling system perform as designed
- Offer zero-touch operation and low-touch maintenance with advanced out-of-band management (OOBM)

### Solution

- HPE ProLiant DL380 Gen10

### Partner

- Avnet



### HPE Solution Benefits

- Reduces cooling power requirements by up to 90%
- Performs in environments ranging from  $-40^{\circ}\text{C}$  to  $70^{\circ}\text{C}$
- Protects against air contaminants with a sealed system

### Additional Resources

- [Read the solution overview](#)