



TAKING THE **HEAT**
OUT OF DATA
CENTRE COOLING





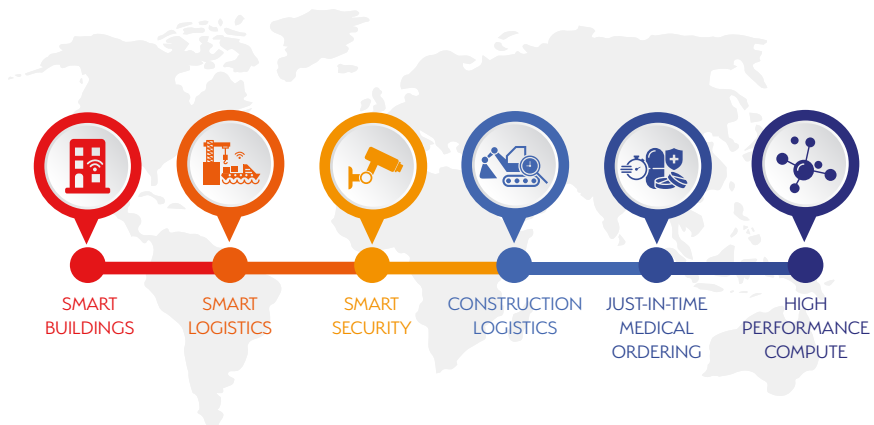
Developed in conjunction with a number of immersion cooling manufacturers, our Edge solutions facilitate small footprint, highly energy efficient distributed computing that can be installed with minimum disruption to an existing building and with full IOT capability.

Providing single phase immersion cooling, they can be powered by a dedicated fuel cell, and come equipped with a communications module. Combined, these provide redundancy across both power and network.

Applications

Small - but extremely powerful - these solutions facilitate low latency distributed computing with a capacity to bring high density applications closer to the end user. Application uses include: energy and performance management in Smart buildings; Smart management of power and network infrastructure enabling a seamless response to faults; security and access monitoring, and logistics hubs (e.g., ports, rail, and air terminals). Other areas to which they can add value include just-in-time ordering in healthcare, biomedical research, and media applications requiring high performance compute.

Whatever the use case, our immersion cooled Edge solutions can enable faster, more accurate, efficient, and environmentally sustainable business processes.



Specifications



- Options range from 8 to 12U accommodation for 19" or 21" servers.
- Max dimensions: 660 L x 1016 W x 524mm H.
- Max filled weight: 456kg.



- Fully immersion cooled
- Small footprint
- Energy efficient.



- Fuel-cell adoption in 5kW increments.
- 8 - 18kW heat dissipation.
- Air & water based heat exchanger options.



- Wireless
- Bluetooth
- LTE
- Ethernet
- Serial interfaces
- IOT history capability.



- SASE (Secure Access Secure Edge).
- Security for network, applications & data.
- Protection for LAN / WAN regardless of location.

Despite their compact size, these solutions come equipped with all the elements usually associated with a data centre. Cooling, hardware, and software can be adapted to meet user requirements.

Immersion ready servers are available for deployment from leading [manufacturers](#), with software options including cyber security, hosted desktop, Cloud, and CAD applications.

