

BRIGHTSOLID CASE STUDY

TER III MODULAR DATA CENTRE

Brightsolid, the leading Scottish cloud hosting and data centre provider, wanted to expand its Aberdeen digital hub which serves the local business community and its growing energy sector.

Keysource put forward a flexible, modular solution that would deliver high levels of efficiency and resilience, all within the required timeframe. Completed in just eight months, including the construction of a new roof, the 1700 metre data centre has been designed to deliver up to two megawatts of power across two halls through 400 high density racks, each capable of supporting up to 25kW.

In order to deliver the high levels of energy efficiency required, Keysource deployed its through wall cooling technology, ecofris, which significantly reduces the need for traditional power-intensive mechanical cooling.

Project Budget: £3M+

Project Delivered: 2015 – 2016



The project included:

- All systems are linked to a central Building Monitoring System in accordance with ASHRAE guidelines to position the facility at ISO class and give real time reporting status and performance data
- Accommodating a total of 400 racks across two halls at a maximum load of 1 MW per hall
- World class fire detection and suppression system (IG55, VESDA and FM200)
- Two factor access control, 24x7x265 CCTV and on-site security

QUOTE

“This new facility will help position Aberdeen as a global tech and communications hub as the data centre will be connected nationally through brightsolid’s own UK-wide network and internationally through our range of partners to all major energy cities.”

Richard Higgs CEO at brightsolid