

Beat: Technology

## KEELE UNIVERSITY CHOOSES VERTIV FOR HIGHLY ENERGY EFFICIENCY

### DATA CENTRE POWER PROTECTION

Paris, Washington DC, 16.07.2022, 17:04 Time

**USPA NEWS** - Vertiv (<https://bit.ly/3O4EtCq>) (NYSE: VRT), a global provider of critical digital infrastructure and continuity solutions, has been selected by Keele University (<https://www.Keele.ac.uk/>) in Staffordshire, UK, to supply a highly energy-efficient uninterruptible power supply (UPS) system and battery back-up. The new solutions replace the ageing equipment in its data centres, and Vertiv expects it will play an important role in the University's institution-wide decarbonisation strategy.

Keele University is a long-standing Vertiv customer, and the relationship was recognised by industry experts as part of the DCS Awards 2022 (<https://bit.ly/3nV8MRo>), where the partnership was awarded Data Centre Sustainability Project of the Year. With this new agreement, Vertiv will replace the University's ageing UPS with a new scalable, efficient and space-saving solution. Vertiv will also provide a modular battery solution to help keep power supplies stable during outages and out-of-spec power input, allowing efficient management of the renewable energy produced on site." Source: apo

Vertiv (<https://bit.ly/3O4EtCq>) (NYSE: VRT), a global provider of critical digital infrastructure and continuity solutions, has been selected by Keele University (<https://www.Keele.ac.uk/>) in Staffordshire, UK, to supply a highly energy-efficient uninterruptible power supply (UPS) system and battery back-up. The new solutions replace the ageing equipment in its data centres, and Vertiv expects it will play an important role in the University's institution-wide decarbonisation strategy.

Keele University is a long-standing Vertiv customer, and the relationship was recognised by industry experts as part of the DCS Awards 2022 (<https://bit.ly/3nV8MRo>), where the partnership was awarded Data Centre Sustainability Project of the Year. With this new agreement, Vertiv will replace the University's ageing UPS with a new scalable, efficient and space-saving solution. Vertiv will also provide a modular battery solution to help keep power supplies stable during outages and out-of-spec power input, allowing efficient management of the renewable energy produced on site. Over the last six years, Keele University has invested more than £1.2 million to reduce its carbon emissions and has pledged to achieve carbon neutrality by 2030. Besides hosting the first UK trial of hydrogen blending within a gas network and testing new smart energy technologies, the University is now producing its own renewable energy on site, thanks to solar and wind farms that feed power into a campus mini-grid. From a power distribution perspective, the campus operates like a small town. Keele University's need was to minimise losses as energy is transferred from the grid to the UPS and on to the IT load, and to benefit from a new generation of batteries. As part of a plan to modernise the University's two data centres, the team at Keele will leverage the Vertiv™ Liebert® APM (<https://bit.ly/3AJHVPK>) UPS with a 400 kVA capacity in a N+1 configuration. The new UPS provides reliable, double-conversion power topology that uses an innovative transformer-free design, resulting in energy efficiencies of 96% that can be enhanced to 99% using ECO Mode operation. Importantly, the new UPS delivers more capacity in a smaller footprint, and each of the new units utilises a modular and scalable configuration with ancillary cabinets designed to save space and cost over previous configurations. Vertiv will also replace a bank of ageing, open-air lead-acid batteries with modern, rack-based, self-contained battery cabinets. The new battery modules may be added or replaced with no interruption or risk to the connected equipment, when the UPS is not operating on the battery. Each battery module has monitoring and controls that isolate it in the event of a battery failure. The battery strings are connected in parallel to provide backup time and/or redundancy. Alex Goffe, associate director of operations & infrastructure at Keele University commented: "It's no exaggeration to say that our partnership with Vertiv is mission-critical for the University. Sustainability is embedded in everything we do at Keele, and the new UPS and battery modules will play a crucial role in helping meet our energy-saving ambitions. They will also help to enable business continuity across the institution." "The scalable nature of the new UPS provides us with a high degree of flexibility. If there is a need to grow in the future, we can add power modules into the frame to extend the power capacity of the system." Alex Brew, country manager for Vertiv in the UK & Ireland, commented: "By harnessing our digital infrastructure solutions, Keele University can continue to be ahead of the game when it comes to energy efficiency. Keele is already a valued Vertiv customer, and we're delighted to be helping the institution as it continues on its journey to realise its ambitious data centre plans and institution-wide decarbonisation strategy."

**ABOUT VERTIV:** Vertiv (NYSE: VRT) brings together hardware, software, analytics and ongoing services to enable its customers' vital applications to run continuously, perform optimally and grow with their business needs. Vertiv solves the most

important challenges facing today's data centers, communication networks and commercial and industrial facilities with a portfolio of power, cooling and IT infrastructure solutions and services that extends from the cloud to the edge of the network. Headquartered in Columbus, Ohio, USA, Vertiv employs approximately 24,000 people and does business in more than 130 countries. For more information, and for the latest news and content from Vertiv, visit [Vertiv.com](http://Vertiv.com).

**ABOUT KEELE UNIVERSITY:**Established in 1949, Keele University (<https://www.Keele.ac.uk/>) is one of the largest campus universities in the UK, with over 10,000 students studying on a beautiful 600-acre estate in Staffordshire, with local NHS partners, and across the world. Keele sets the gold standard for teaching, with some of the most satisfied students in the country, and the University's research seeks to improve lives and address the most pressing challenges across the region, country and world.

**Forward-Looking Statements:**

This release contains forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995, Section 27 of the Securities Act, and Section 21E of the Securities Exchange Act. These statements are only a prediction. Actual events or results may differ materially from those in the forward-looking statements set forth herein. Readers are referred to Vertiv's filings with the Securities and Exchange Commission, including its most recent Annual Report on Form 10-K and any subsequent Quarterly Reports on Form 10-Q for a discussion of these and other important risk factors concerning Vertiv and its operations. Vertiv is under no obligation to, and expressly disclaims any obligation to, update or alter its forward-looking statements, whether as a result of new information, future events or otherwise." SOURCE?Vertiv

**Article online:**

<https://www.uspa24.com/bericht-21271/keele-university-chooses-vertiv-for-highly-energy-efficiency.html>

**Editorial office and responsibility:**

V.i.S.d.P. & Sect. 6 MDSiV (German Interstate Media Services Agreement): Rahma Sophia RACHDI & Jedi Foster

**Exemption from liability:**

The publisher shall assume no liability for the accuracy or completeness of the published report and is merely providing space for the submission of and access to third-party content. Liability for the content of a report lies solely with the author of such report. Rahma Sophia RACHDI & Jedi Foster

**Editorial program service of General News Agency:**

UPA United Press Agency LTD  
483 Green Lanes  
UK, London N13NV 4BS  
contact (at) [unitedpressagency.com](mailto:unitedpressagency.com)  
Official Federal Reg. No. 7442619