



As esports continue to explode in popularity, attracting new competitors and viewers at an extraordinary pace, higher education institutions and other academic settings are naturally positioned to host this phenomenon.

Already 175 colleges and universities have joined the National Association of Collegiate Esports (NACE) and offer officially recognized varsity esports programs. More likely will follow suit as today's generation of students view the excitement and opportunities gaming represents as not all that different from other competitive sports. As colleges offer more esports scholarships, more high schools will be looking to upgrade their esports capabilities as well.

Like all competitive sports, having the right facilities will play an important role in schools' ability to recruit esports athletes and build successful programs. But unlike many other sports, the success of those facilities is highly dependent on robust and reliable IT systems.

That is creating a huge opportunity for solution providers to help facilities upgrade not only their IT equipment, but also the infrastructure that ensures the stability, protection and manageability of that equipment.

Infrastructure Solutions for Esports

Competitive esports facilities will have varying technology requirements but all with need to deliver the highest degree of power reliability and stability. Even a minor disruption in utility power can wreak havoc if it occurs during a game. That makes the deployment of highly reliable and easy-to-manage critical power technologies essential to the operation of an esports facility.

That will likely mean rackmount or free-standing uninterruptible power supplies (UPS) that support higher capacities and deliver more reliability and functionality than desktop UPS systems. It may also mean Intelligent power distribution units to bring scalability to gaming sites while providing remote visibility into power consumption.

With more technology also comes more heat. Dedicated rack-based cooling systems and easy-to-deploy environmental monitoring solutions can be valuable additions to your customers' infrastructure. You can even get a full infrastructure solution in the form of a pre-configured rack with power protection, power distribution, cooling and monitoring.

Don't wait until after new technology is deployed to think about the infrastructure that technology will require. Get ahead of the game and help your customers' move forward with esports by ensuring the reliability of the equipment gaming systems depend on.



Vertiv™ Gaming Infrastructure and Management Solutions.

Challenge: Power Disruptions to Gaming Servers and Consoles

Solution: Vertiv™ Liebert® PSI5 UPS



- Rackmount or freestanding UPS system from 750 to 3,000 VA
- Add an optional communication card to enable remote monitoring
- Available with long-life lithium-ion batteries to enhance reliability and extend the time between battery replacements

Challenge: More Equipment than Power Outlets

Solution: Vertiv™ Geist™ Monitored rPDU



- Horizontal or vertical rack PDUs configurable to equipment requirements
- Comprehensive view of power usage at the rack and via remote access
- Match receptacle colors to school color

Equipment Failures Due to Overheating

Solution: Vertiv™ Geist™ Watchdog



- Easy-to-deploy remote monitoring of environmental conditions
- On-board temperature, humidity and dew-point sensors, plus the capacity to add 8 additional external sensors
- View real time sensor data from a secure web interface and receive alerts via email, SNMP, or email-to-SMS

Challenge: Equipment Protection and Speed of Deployment

Solution: Vertiv™ rack systems



- Organize and support a wide range of IT equipment
- No-tool assembly
- Choose a Vertiv™ VRC-S integrated rack for a complete IT-ready infrastructure solution

Challenge: Lack of On-site Technical Support

Solution: Vertiv™ Avocent® KVM over IP system



- Remotely access critical systems to manage and troubleshoot devices
- Access to physical and virtual machines through KVM system
- Integrates with Advanced USB devices and peripherals (touchscreens, game pads, etc.)

Challenge: Support for High-Speed Video Switching

Solution: Vertiv™ Avocent® Digital Signage and Broadcasting Systems



- Zero-latency, high resolution (up to 4K) video switching and superb audio quality
- Long extension with fiber and copper capabilities
- Easily deployable plug & play, rack-mountable

The Support You Need. The Program You Deserve

Vertiv is a global leader in critical IT infrastructure offering a complete range of solutions and services that extend from the data center to the edge of network. With our equipment installed in more than 750,000 sites, we have the application expertise, solutions and programs to help our partners succeed.

The Vertiv Partner Program is one of the best in the industry, creating opportunities for solution providers to expand into new markets with unparalleled support and maximum profits. If you're not already a Vertiv partner, visit [our site](#) to join today.

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