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NSPARC Data Center Fact Sheet

- The Data Center is located at 100 Innovation Dr., in the Mississippi State University Thad Cochran Research Park.
- Planning for the Data Center started in 2016. The servers, CPUs, and other hardware were installed in March 2018, thus completing the center for operations.
- The center is 3300 sq-ft, with 2000 sq-ft dedicated to IT processing and data storage infrastructure.
- IT equipment has increased from 12 racks to 28 racks, increasing physical space for the IT component equipment by more than 275%.
- The new center is a move from copper-based technology to a high-capacity, fiber network, dramatically increasing throughput capacity and providing faster networking speeds.
- The center incorporates state-of-the-art environmental controls, including fire suppression and cooling units.
- With 20 servers and 60 CPUs running 567 virtual servers, this center is equipped with the latest technology ready to process and store data from various sources.
- The Data Center has the capacity to store and process more than 400 terabytes of data, a 100% increase in data storage capacity, a 230% increase in CPU processing capacity, a 265% increase in processor memory capacity, and a 500% increase in space for colocation hosting capacity.
- The center has a modernized security framework and is equipped with 24/7 automated video surveillance and a two-factor entry control system.