STATE OF MISSISSIPPI DATA CENTERS

The State of Mississippi Data Centers provide a highly available cloud environment for state government entities. The State offers services from data centers located in Jackson and Starkville, Mississippi. The data centers are leveraged to provide state and local government with a robust, flexible, and cost-effective cloud environment to meet the information technology needs of the State of Mississippi.

ITS
Mississippi Department of
Information Technology Services

ITS works closely with state and local government agencies to evaluate the technical requirements and to leverage the available services offered in the current multi-site cloud environment.

Several key factors merit evaluation by agencies in determining appropriate facility requirements for IT infrastructure:

RISK MANAGEMENT: Physical protection of state assets and high availability systems and infrastructure
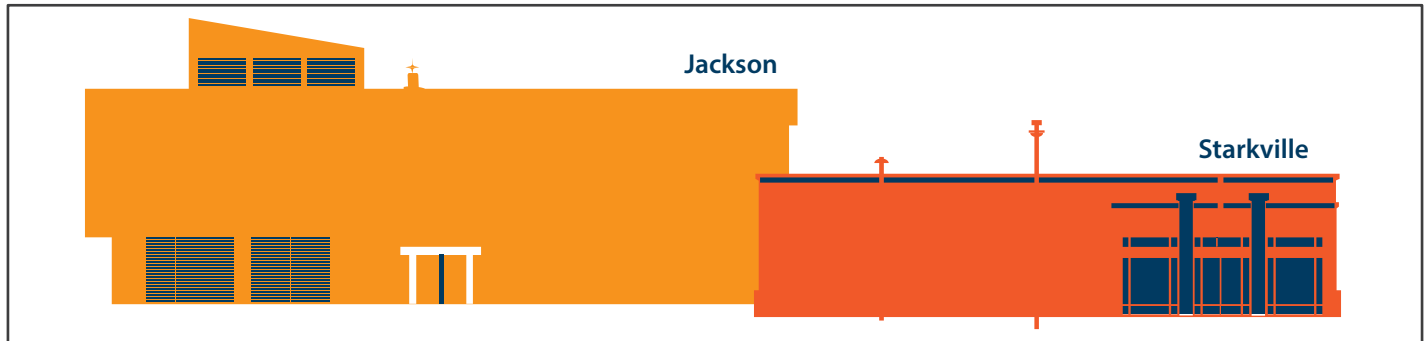
SECURITY: Protection of state information assets

ECONOMIES OF SCALE: Volume purchases, distribution of expertise, and shared facilities and costs
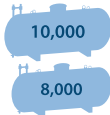
PHYSICAL FACILITY ATTRIBUTES

Jackson

Starkville

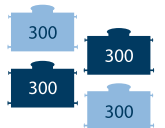Designed and constructed to withstand an EF4 Tornado (approx. 200 MPH).

Two diesel tanks holding a combined 18,000 gallons of fuel to support operations over seven days of run time.

10,000
8,000

Two diversely routed power feeds engineered for automatic failover from supplier to every connected device within the production environment.

Four 300-ton chillers for environmental control and two chillers are active at all times.
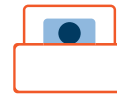
300 300 300 300

Two 1.5 MW generators, dual-fueled for diesel and natural gas.

1.5 MW
1.5 MW

One 52,000 gallon above-ground water tank to support chillers in the event of a reduction of city water pressure.

52,000 Gallons

Living accommodations to support a critical operations team for several days.

Generators and cooling systems housed within the protected facility and fully monitored environmental systems.

Security systems including badges, biometric access, and security surveillance cameras posted throughout the facility.

Intelligent fire alarm and suppression system, as well as an intelligent water detection and notification system.

Fully staffed command center with 24x365 operations staff, system display monitoring, technical engineers, and armed security guards.

High speed network connectivity to both State Data Center locations.

5G
5G