

CBCS Research Network

The College of Behavioral and Community Sciences (CBCS), in conjunction with the University of South Florida (USF) Department of Information Technology (IT), maintains a local area network (LAN) of approximately 700+ personal computers. The LAN is divided into two subnets, one of which is designated for HIPAA research. Multiple 100 gigabit firewalls allow this subnet to connect to the USF data center housing 2500+ physical and virtualized servers containing multiple Petabytes of data via a firewall to firewall VPN tunnel. This permits the HIPAA LAN to access servers containing the research data along with the software used to conduct the research analyses. Access to the network is protected by a dual authentication system requiring a user name and complex password followed by a secondary authentication using Duo software. File access is controlled through Active Directory permissions groups designated by the study's Principal Investigator (PI).