OWG 15-1 Infrastructure Approved Recommendations

1. Recommends establishing a dedicated network connection between the Statesboro and Armstrong (Savannah) campuses.

2. Recommends adopting the existing Georgia Southern University Security Awareness Policy and prepare a new Security Awareness Program that will continue to meet or exceed the University System of Georgia IT Handbook.

3. Recommends a gap analysis of the University System of Georgia (USG) Information Technology (IT) Handbook be performed against the New University IT Systems and policies/standards.

4. Recommends utilizing the existing Georgia Southern University Information IT System Security and Configuration Standard.

5. Recommends establishing a central data management program for critical university information held within Information Technology (IT) systems, including a Data Loss Prevention (DLP) system that will identify, locate, and manage sensitive/confidential university information held within IT systems.

6. Recommends utilizing current malware prevention systems on each campus for years zero and one. In year one, the need for a DNS blackhole solution will be reviewed.

7. Recommends establishing a central Domain Name System (DNS) for the Statesboro, Armstrong and Liberty campuses.

8. Recommends the Armstrong and Georgia Southern Information Technology (IT) system inventories be consolidated, then, high risk systems should be identified, security assessments should performed, risks should be identified and remediated.

9. Recommends utilizing the existing Georgia Southern Incident Response Process and Procedure for the new University.

10. Recommends that all server operating systems remain compliant with all policies and meet the requirements as described in the in the USG IT Handbook.

11. Recommends utilizing the existing Georgia Southern University Information Technology Policies, Procedures, Standards and Processes.

12. Recommends that all server and clusters remain compliant with all policies and meet the requirements as described in the in the USG IT Handbook.

13. Recommends adopting the current Surveillance Policy in place at Georgia Southern University for the new University.

14. Recommends establishing a Telecommunications solution that will facilitate inter-campus dialing between the Statesboro, Armstrong and Liberty campuses.

15. Recommends utilizing the existing Georgia Southern Vulnerability Management Standard for the new University.
16. Recommends creating a standard and strategic plan for Call Boxes on all of the new University’s campuses.

17. Recommends establishing a central means of management and standards for all data center resources at each location. The single management and operational structure will oversee the monitoring, documentation, and policy standards for the New University.

18. Recommends establishing guidelines for data stores and database to assist system administrators. Through establishing such standards and guidelines, we will be able to assure that databases and data stores are created and maintained in a consistent manner while adhering to best practices and USG policy.

19. Recommends creating Disaster Recovery (DR) plans for critical IT systems which are determined from the consolidated IT systems inventory list.

20. Recommends evaluating requirements for a centralized firewall management solution that facilitates central management, reporting, auditing and interoperability between all campuses.

21. Recommends using the existing Life Safety monitoring solutions at all campuses. These monitoring solutions include fire, burglar and panic alarms. The Statesboro campus will continue to monitor their own Life Safety alarm system signals. The Armstrong and Hinesville campuses will continue to have an off campus monitoring service monitor their Life Safety alarm systems. This recommendation is supported and approved by OWG 20-1 (Public Safety).

22. Recommends establishing a contiguous logical network design that facilitates a combined resilient network that provides maximum uptime, service availability and security for all campuses.

23. Recommends creating a unified radio system that will provide interoperability between all Non-Public Safety campus departments currently using 2 way radios.

24. Recommends establishing a standard physical network design for all campuses that will future-proof the networking infrastructure for capacity needs, and facilitates network resiliency and redundancy.

25. Recommends merging telephone systems from each campus into a centrally managed system.

26. Recommends creating a process that disables access to IT systems for an employee that has been terminated by Human Resources.

27. Recommends establishing a single wireless solution for both campuses that will ensure Georgia Southern faculty/staff/students can access wireless and campus resources while on Armstrong, Liberty or Statesboro campus.