

SPACE TYPES & REQUIREMENTS

Education Facilities Specifications

28 October 2011



Technology Service Center

School Type:



Functional Area Descriptions

The technology service center consists of the server room and workspace for the administrative technologist (AT). Limitations on cable length, typically 295 linear feet (90 meters), will dictate the number and location of communication rooms provided within a school.

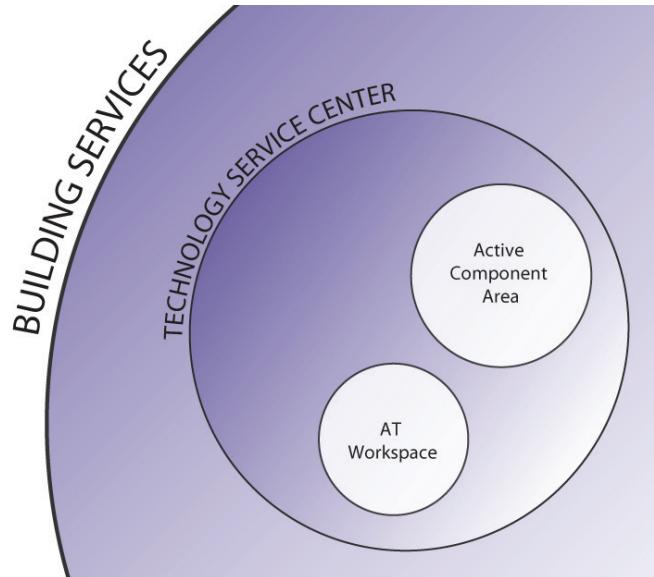
This space does not have any specific adjacency requirements, but should be fairly central within the building for efficient cable routing.

1 Active Component Area

The active component area provides space for the school's servers and other centralized equipment. The area should include server racks to keep the equipment safe and organized. The area should allow adequate open space around the components and easy access from both the office area and the room's main entry.

This area will securely house Uninterruptible Power Supplies (UPS), communication and system servers, video system, and network switches. In addition, this room will have additional cooling systems to maintain a consistent room temperature, 24 hours a day.

Adjacency Diagram



Planning Requirements

Area Description	SF	M ²	Notes
Technology Service Center			
1 Active Component Area	100	9	
2 AT Workspace	400	37	
Total	500	46	



2 AT Workspace Area

This area consists of an office area, repair area, and storage area. The office area provides a desk and file storage area for the AT. This office does not need to be located within the server room, but having it collocated will improve the technologist's ability to maintain the servers.

The repair area provides space for maintenance and repair of equipment. The area should contain a work surface, stools, shelves, and an area for tool storage. Place adjacent to the storage area.

The storage area provides space for storage and distribution of supplies and equipment. The area should contain shelves and be adjacent to the repair area.