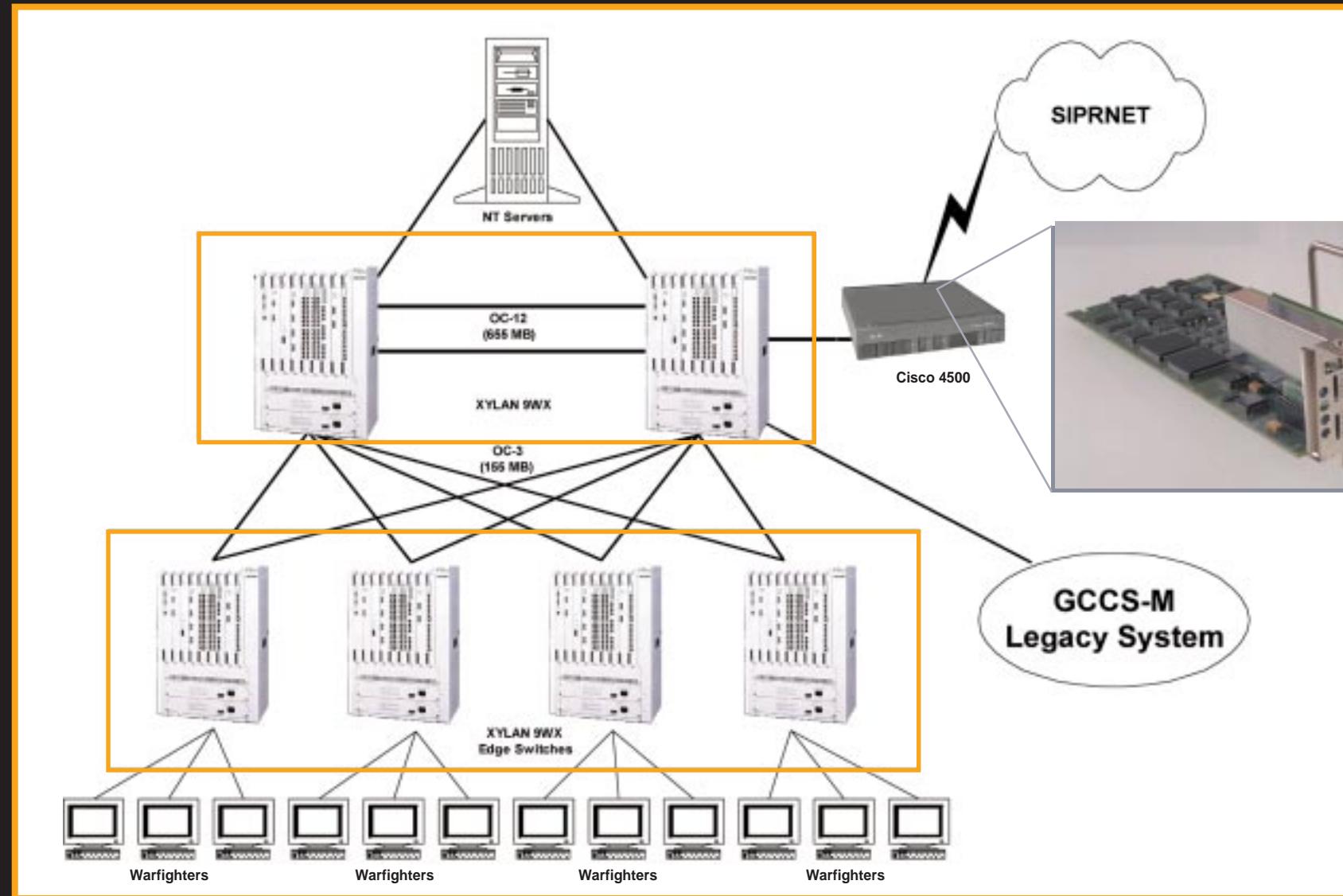


Router Module



The IT-21 architecture incorporates 21st Century technology and uses existing legacy system inputs to funnel information into a common shipboard Integrated Shipboard Network System (ISNS) LAN. The ISNS provides the warfighter access to SIPRNET traffic, the tactical picture, sending and receiving naval messages, and Microsoft Office tools from the desktop. High-speed ATM switchgear, high-end NT servers, and routers allow the warfighter to communicate more efficiently and effectively onboard and off. The router provides the gateway from the ship to the rest of the world.

The router's primary functions are to bridge LANs and establish a connection to the communication pipes (i.e., SHF, EHF, HF, INMARSAT, etc.) enabling global connectivity. The module displayed here provides multiple Ethernet LAN inputs into the Cisco 4500 series router. This will allow communication between the two LANs with different subnets.