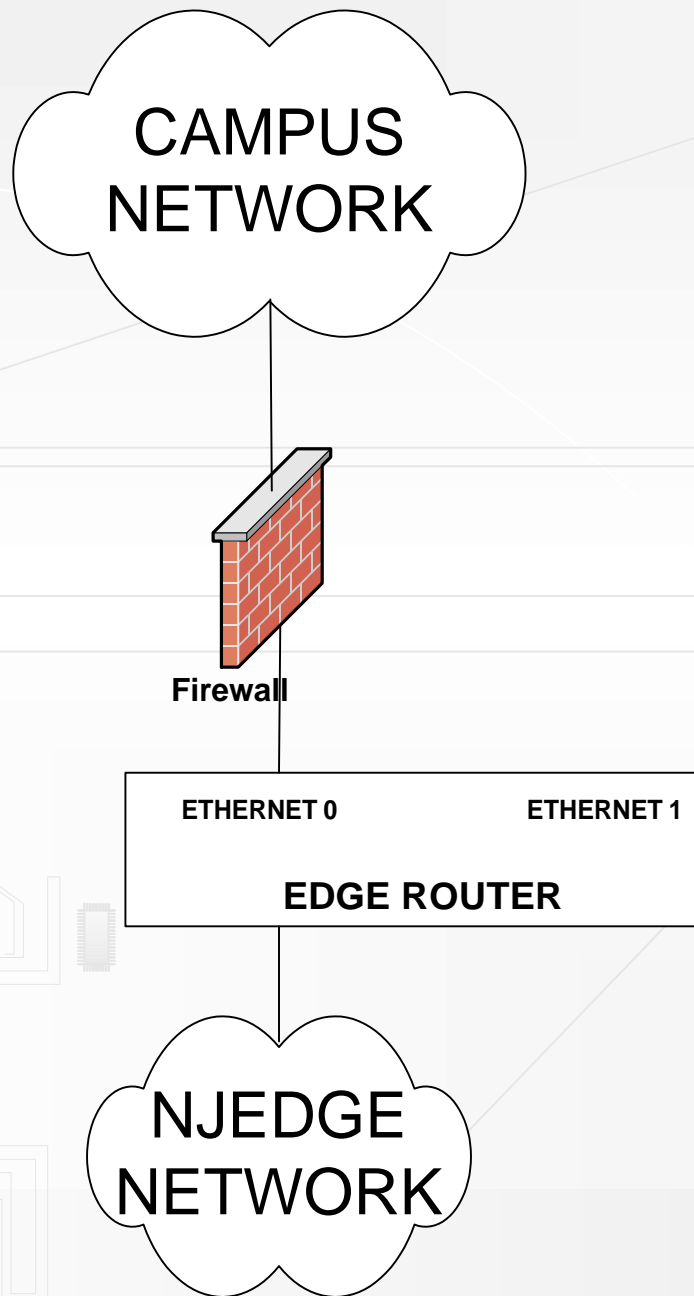


The background features a light gray grid with various circuit board components and traces. In the top right, there is a detailed drawing of a multi-pin connector and a chip. In the bottom left, there is another connector and a chip. A vertical strip of components is on the right side. The overall aesthetic is technical and clean.

NJEDGE VIDEO NETWORK OPTIONS

Jim Stankiewicz
Verizon Communications

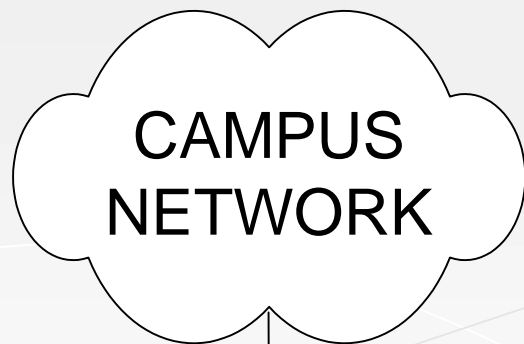
OPTION #1 BASIC SETUP EP DIRECTLY CONNECTED TO EDGE ROUTER



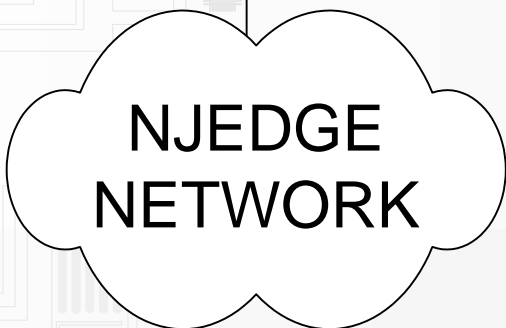
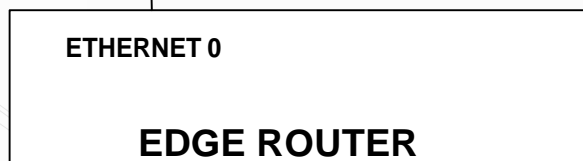
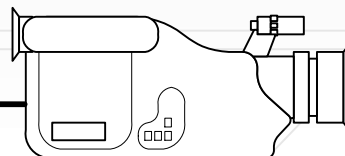
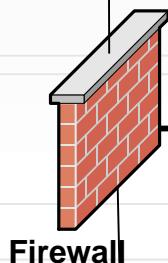
**Campus with 1 Endpoint.
Add an ethernet card to the
router.
Use a crossover cable to
connect directly to the
endpoint. Reconfigure
router to add additional
interface. Use a /30 on the
interface.**

**ALL OPTIONS ARE FOR A
SEPERATE PHYSICAL
NETWORK FOR THE
ROOM SYSTEMS ONLY**

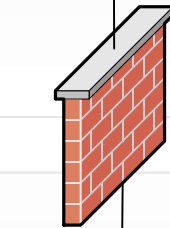
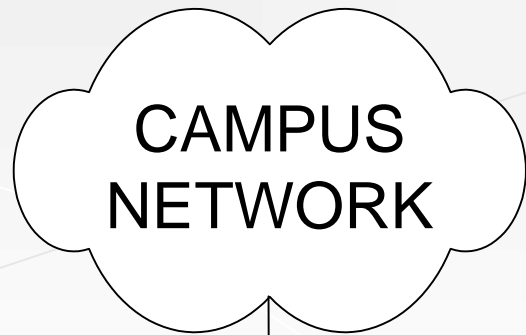
OPTION #2 BASIC SETUP FOR EP BEHIND FIREWALL DIRECTLY ATTACHED



Campus with 1 Endpoint. Add an ethernet card to the F/W. Use a crossover cable to connect directly to the endpoint. Reconfigure F/W to add additional interface. Use a /30 on the interface.



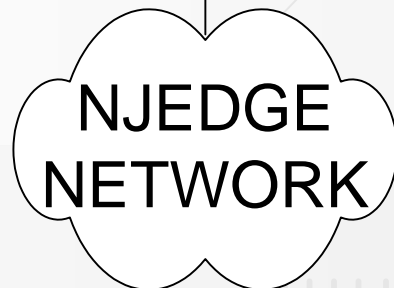
OPTION #3 BASIC SETUP WITH MORE THAN 1 ENDPOINT



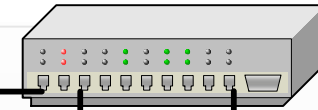
Firewall



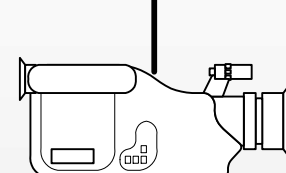
EDGE ROUTER



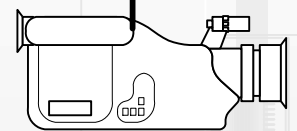
Campus with 2 Endpoints and a Switch. Add an ethernet card to the router. Use a straight-thru cable to connect to the switch. Reconfigure router to add additional interface. Use a /29 on the interface. Assign a IP address to the switch



SWITCH



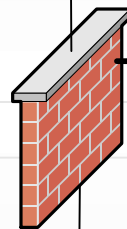
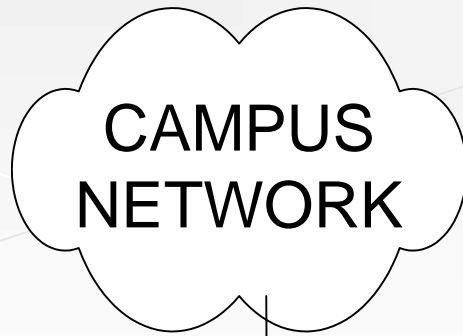
H.323 ENDPOINT



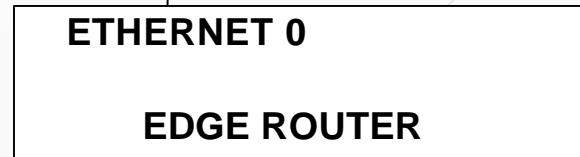
H.323 ENDPOINT

OPTION #4 BASIC SETUP WITH MORE THAN 1 ENDPOINT BEHIND FIREWALL

**Campus with 2 Endpoints and a Switch.
Add a ethernet card to the F/W.
Use a straight-thru cable to connect to the switch. Reconfigure F/W to add additional interface. Use a /29 on the interface. Assign a IP address to the switch**

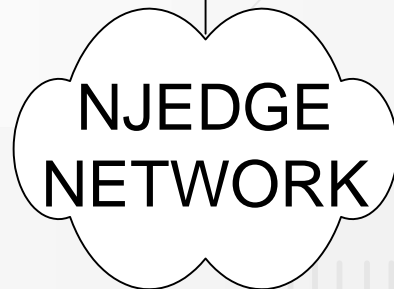


Firewall

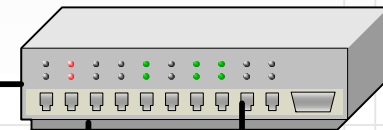


ETHERNET 0

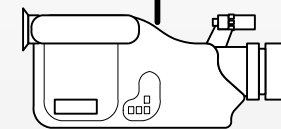
EDGE ROUTER



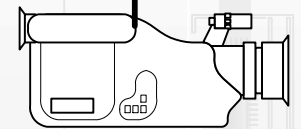
NJEDGE NETWORK



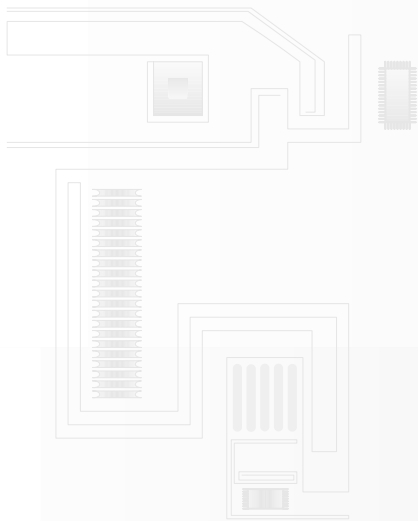
SWITCH



H.323 ENDPOINT

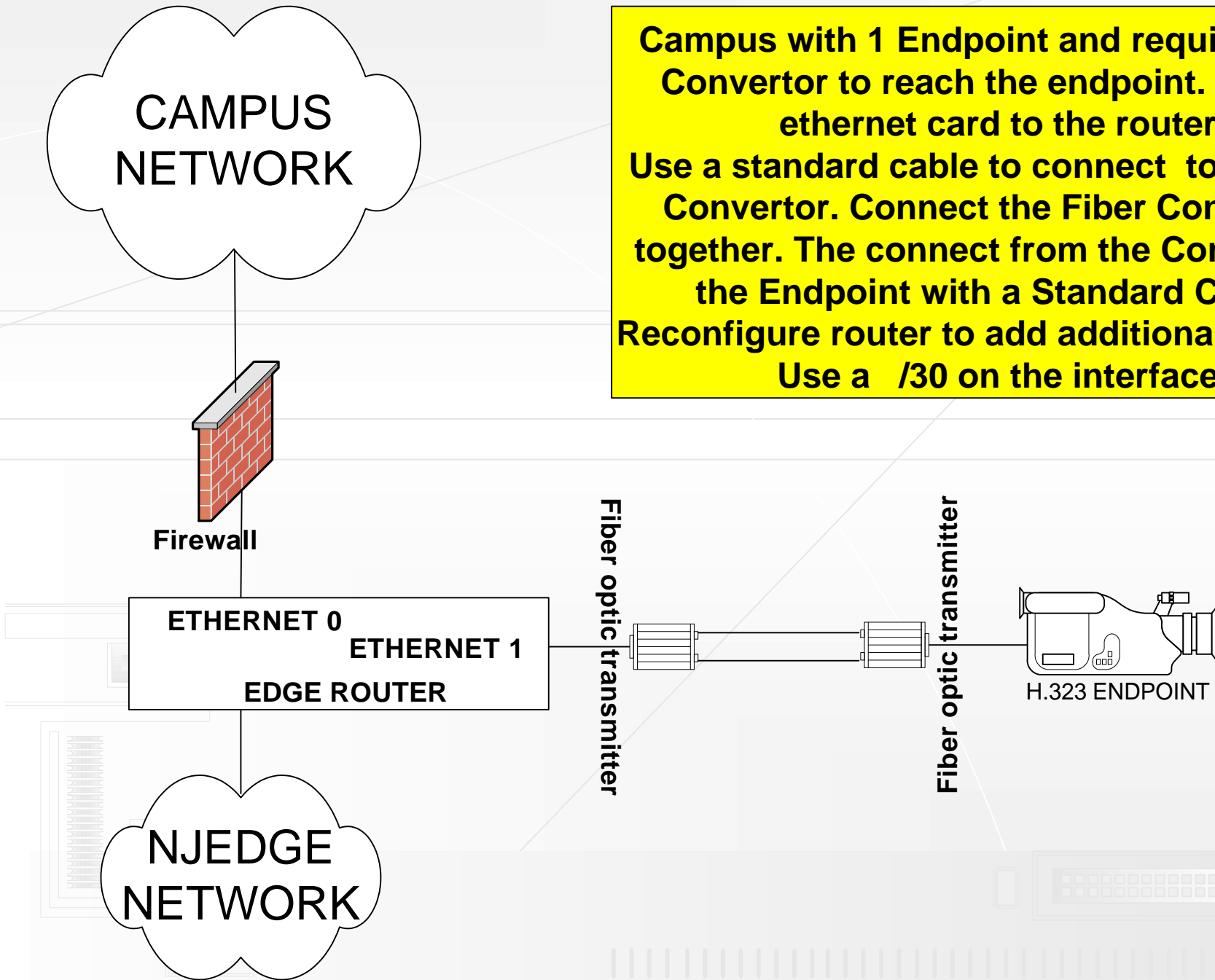


H.323 ENDPOINT

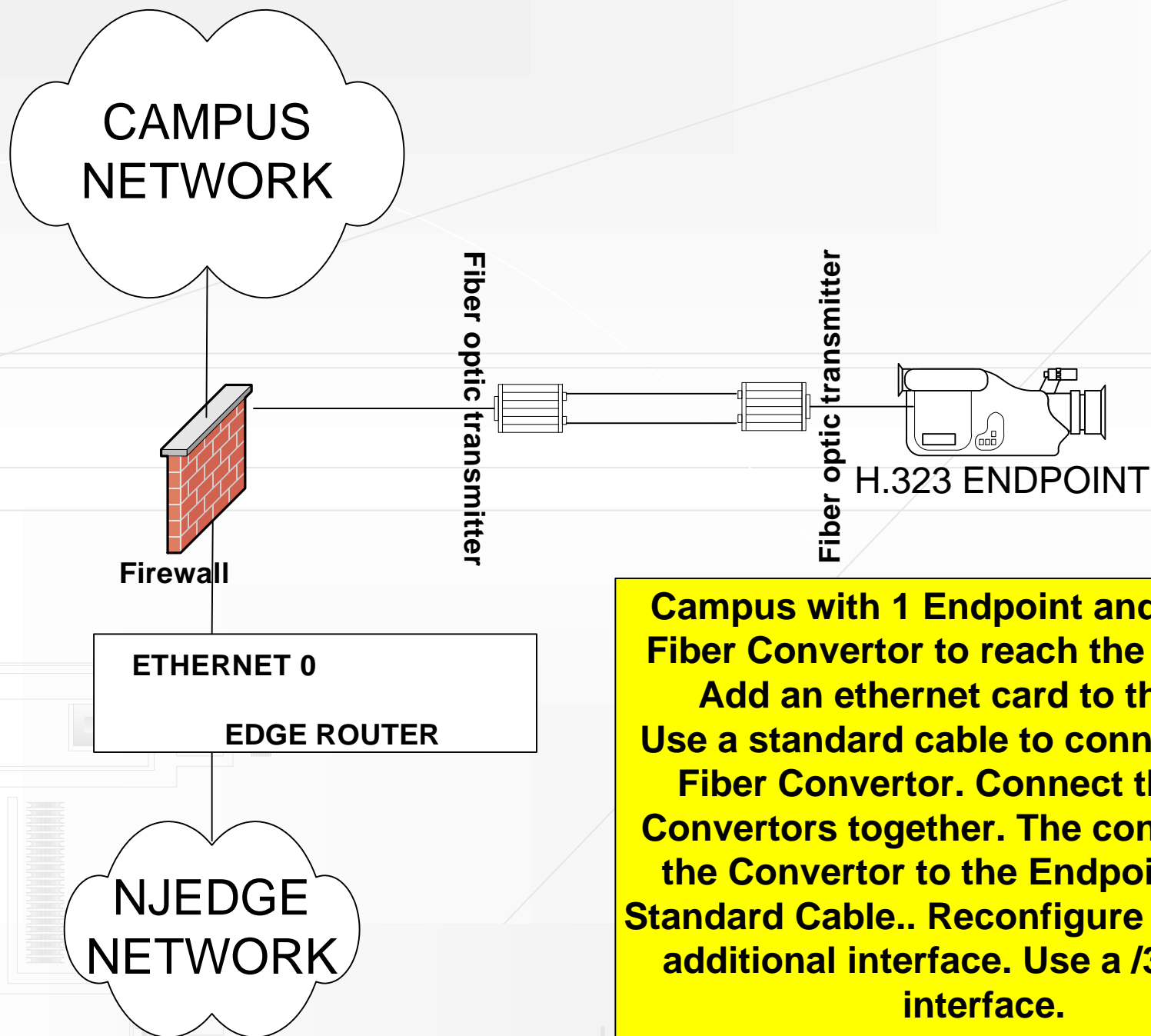


OPTION #5 BASIC SETUP REQUIRING FIBER TO CONNECT 1EP

Campus with 1 Endpoint and requires Fiber Convertor to reach the endpoint. Add an ethernet card to the router. Use a standard cable to connect to the Fiber Convertor. Connect the Fiber Convertors together. The connect from the Convertor to the Endpoint with a Standard Cable.. Reconfigure router to add additional interface. Use a /30 on the interface.



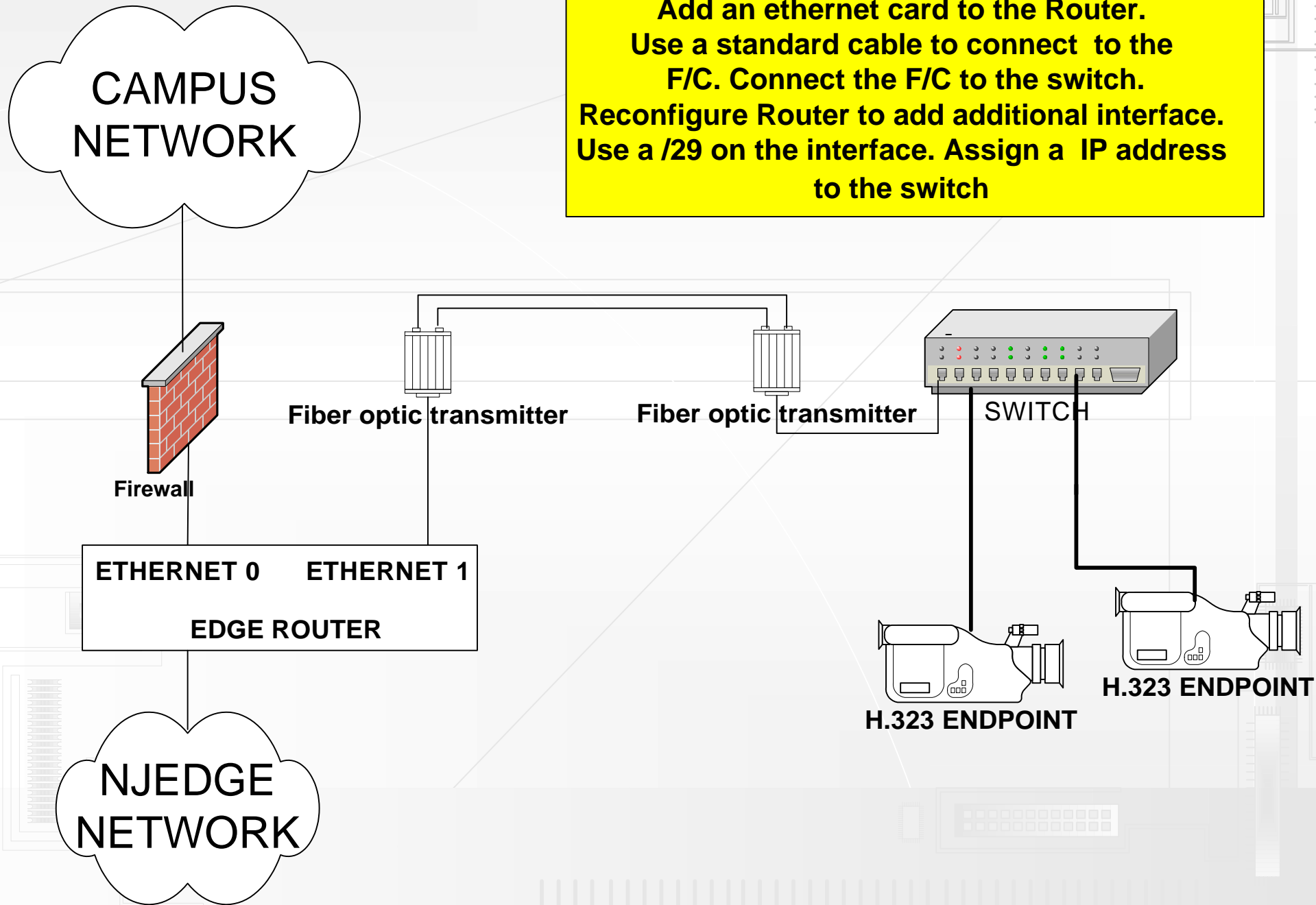
OPTION #6 BASIC SETUP WITH FIBER Behind F/W



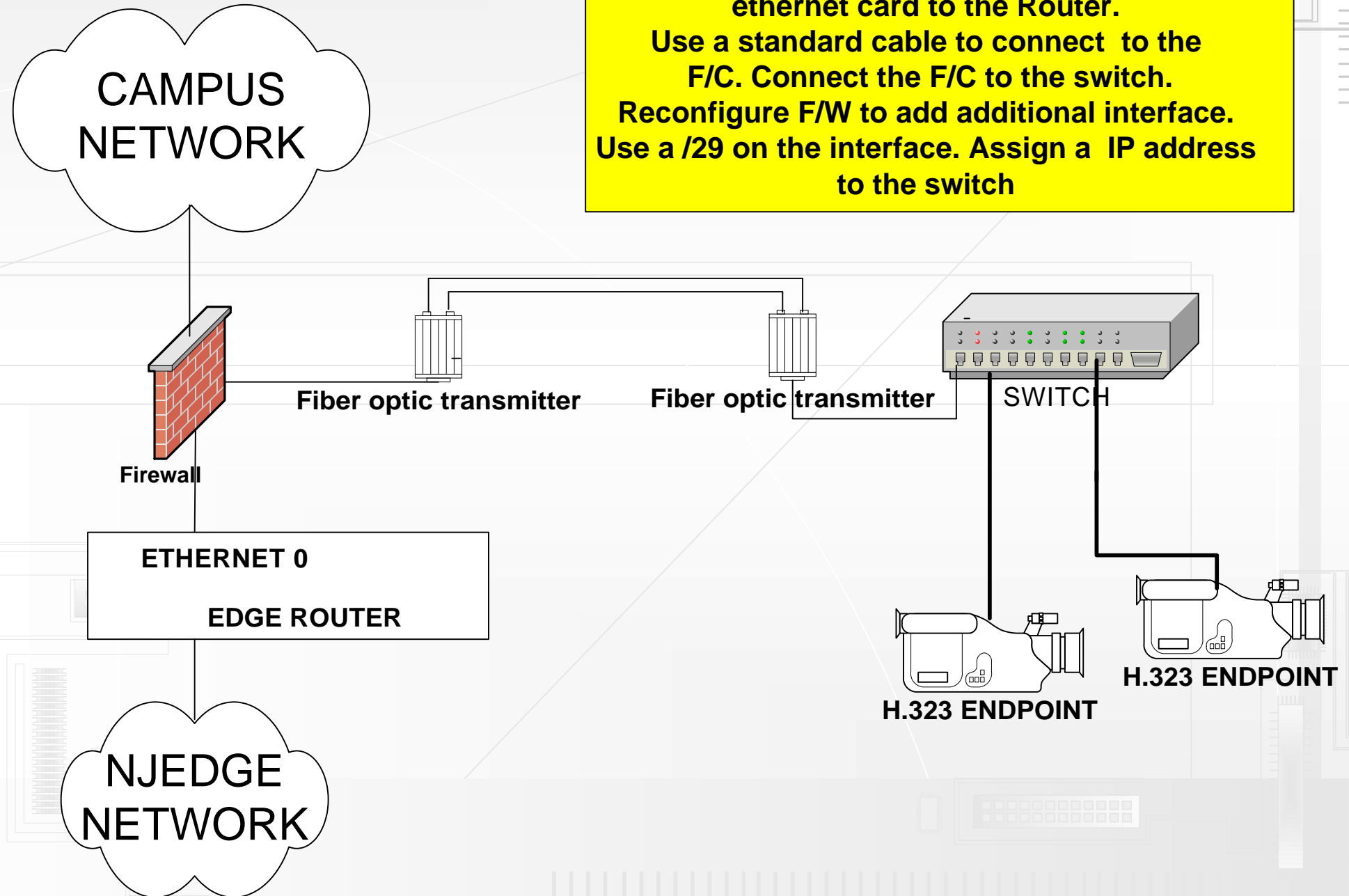
Campus with 1 Endpoint and requires Fiber Converter to reach the endpoint. Add an ethernet card to the F/W. Use a standard cable to connect to the Fiber Converter. Connect the Fiber Convertors together. The connect from the Converter to the Endpoint with a Standard Cable.. Reconfigure F/W to add additional interface. Use a /30 on the interface.

OPTION #7 BASIC SETUP WITH MORE THAN 1 ENDPOINT REQUIRING FIBER

Campus with 2 Endpoints and a Switch that requires Fiber to reach the endpoints. Add an ethernet card to the Router. Use a standard cable to connect to the F/C. Connect the F/C to the switch. Reconfigure Router to add additional interface. Use a /29 on the interface. Assign a IP address to the switch



OPTION #8 BASIC SETUP WITH MORE THAN 1 ENDPOINT BEHIND FIREWALL REQUIRING FIBER



Campus with 2 Endpoints and a Switch that requires Fiber to reach the endpoints. Add an ethernet card to the Router.
Use a standard cable to connect to the F/C. Connect the F/C to the switch.
Reconfigure F/W to add additional interface.
Use a /29 on the interface. Assign a IP address to the switch

NJEDGE GATEKEEPER STRATEGY

Redundant Gatekeepers at the Portal

ALL ENDPOINTS REGISTER WITH THE PORTAL GATEKEEPER