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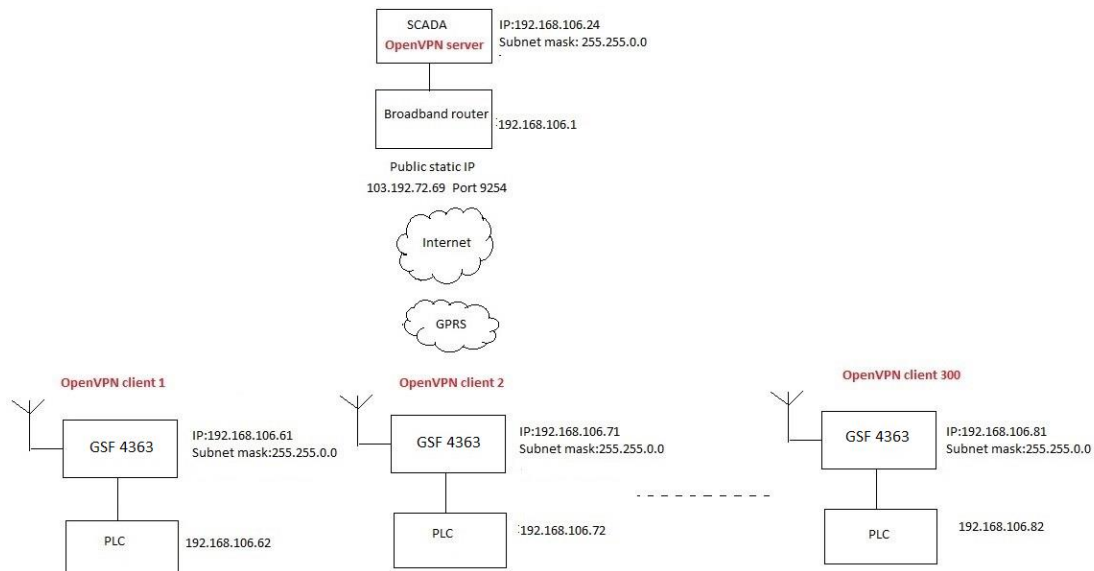
Remote monitoring solution using GSF4363 OpenVPN

Setup:

GSF-4363 is a 3G cellular router terminal device which conveniently and transparently connects Ethernet devices to a cellular network. At remote location PLC is connected to GSF-8364 router through Ethernet. GSF-4363 is configured as Open VPN client. The central location is having a static IP and installed with Open VPN server on network PC. Once VPN connection is established, then application software or SCADA at central location can monitor PLC at remote station. This solution is used to monitor multiple remote locations.

Note:
1) OpenVPN server software is a free software to be installed on SCADA PC. It will be provided by Santelequip.
2) Port forwarding settings should be done for the required port in the broadband router for the OpenVPN communication.
3) SCADA PC should have internet access using the broadband router as a gateway.
4) VPN communication should be allowed through customer network firewall. If not allowed, static IP SIM card with GSF4363 will be required which will be in customer scope.