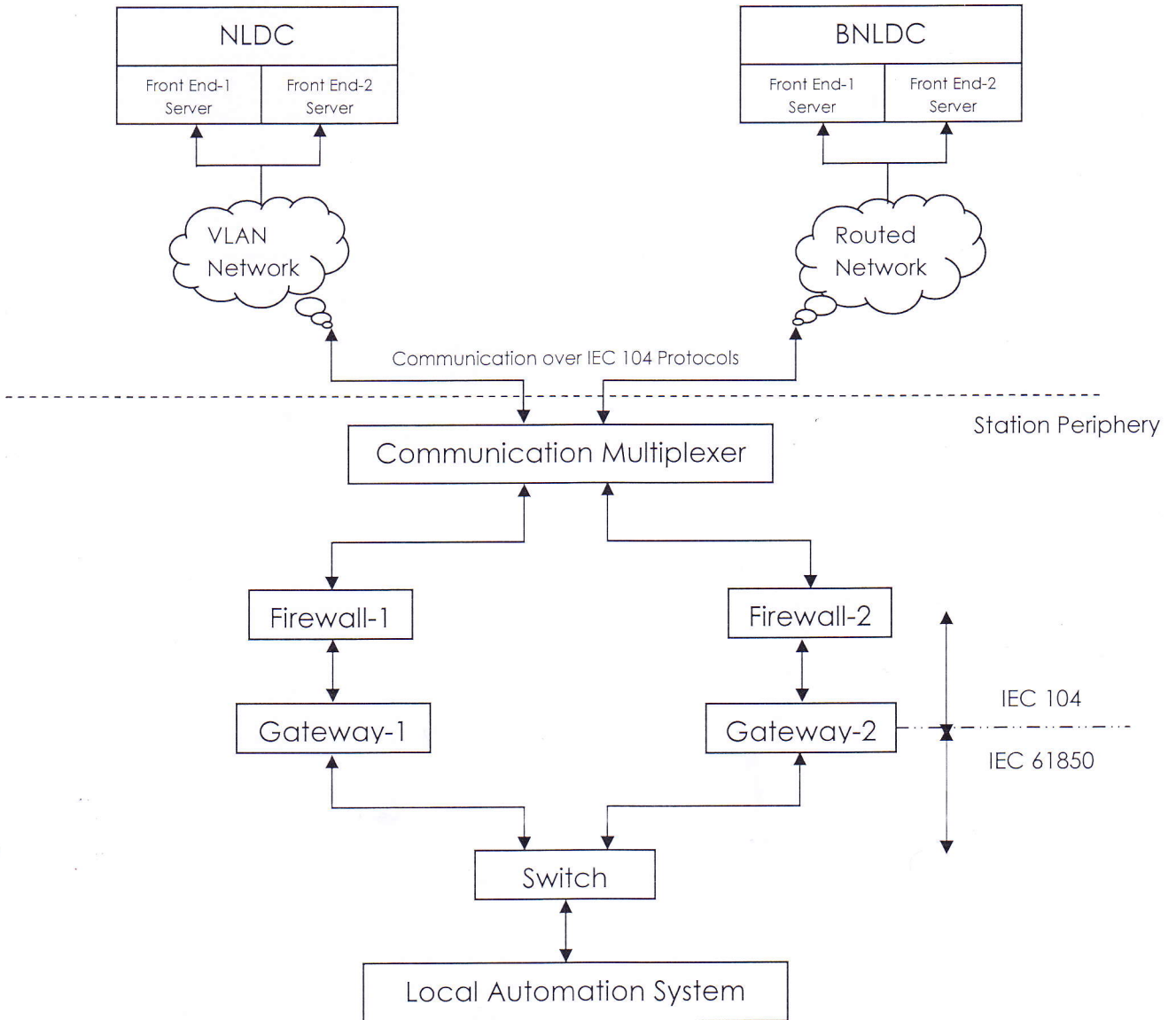


Conceptual Drawing for SCADA Integration with NLDC



Note:

- ❖ Gateways shall communicate directly with Bay Control Unit (BCU) i.e. Gateways shall work independent of SAS Server.
- ❖ Both gateways shall be capable of using IEC-104 protocol to communicate with Master & Backup station of NLDC.
- ❖ Both Gateways shall be configured as Hot-Standby. The hot gateway shall communicate with both stations of NLDC simultaneously.
- ❖ Firewall shall be capable of communicating with at least 3 different networks i.e. one with substation's internal network, second one with NLDC main station and third one with NLDC backup station.
Or, two nos. of firewall may be provided to meet the purpose.

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(Signature)
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