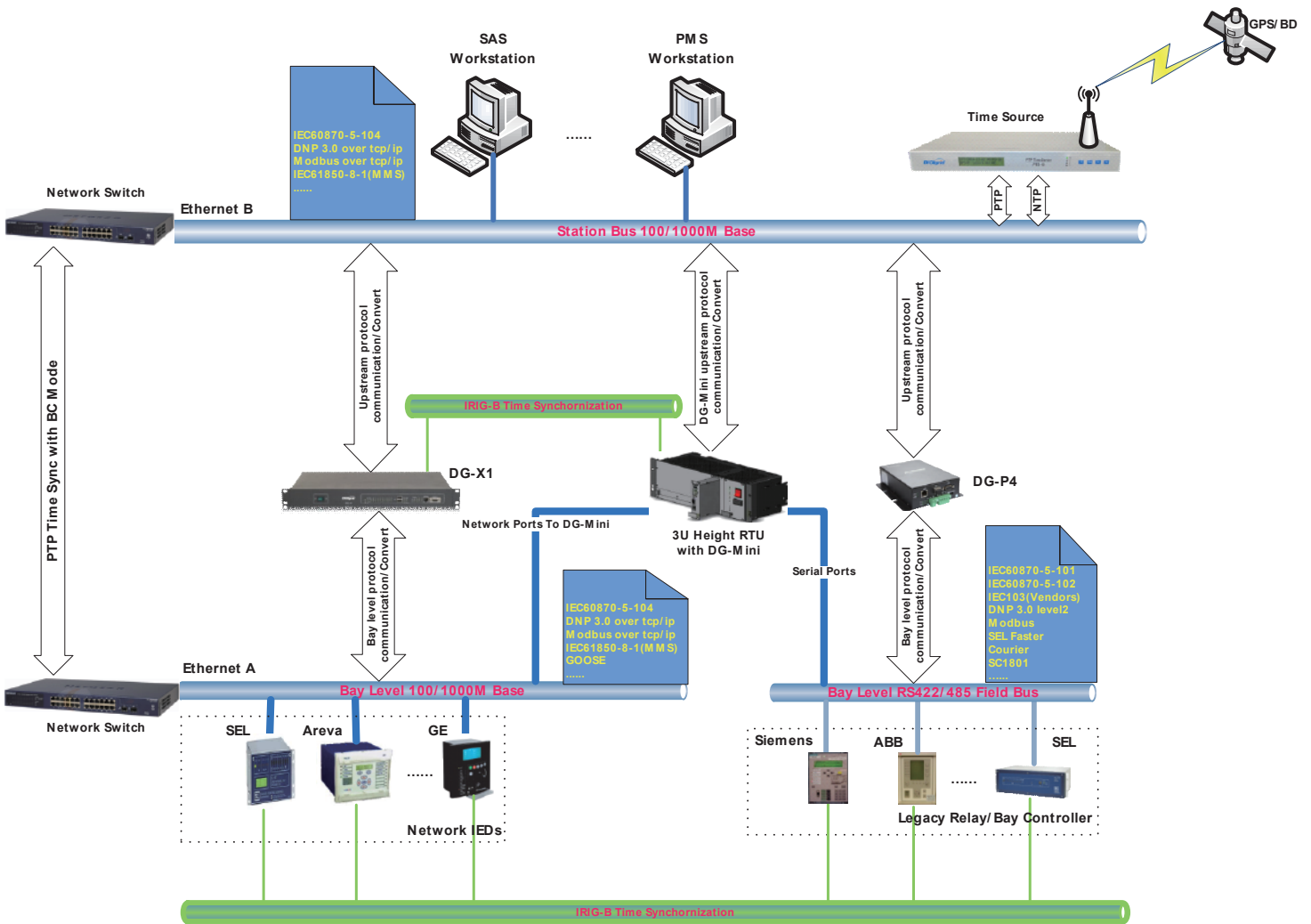


Protocol Conversion Technologies

DG series device is an industrial class yet multipurpose family of communication gateway that integrates modern communication technology and robust embedded design by concern of high reliability, high stability and low power consumption features. It is capable of protocol conversion, data concentration and data processing. It is easy to be managed in any complicated system across the enterprise.

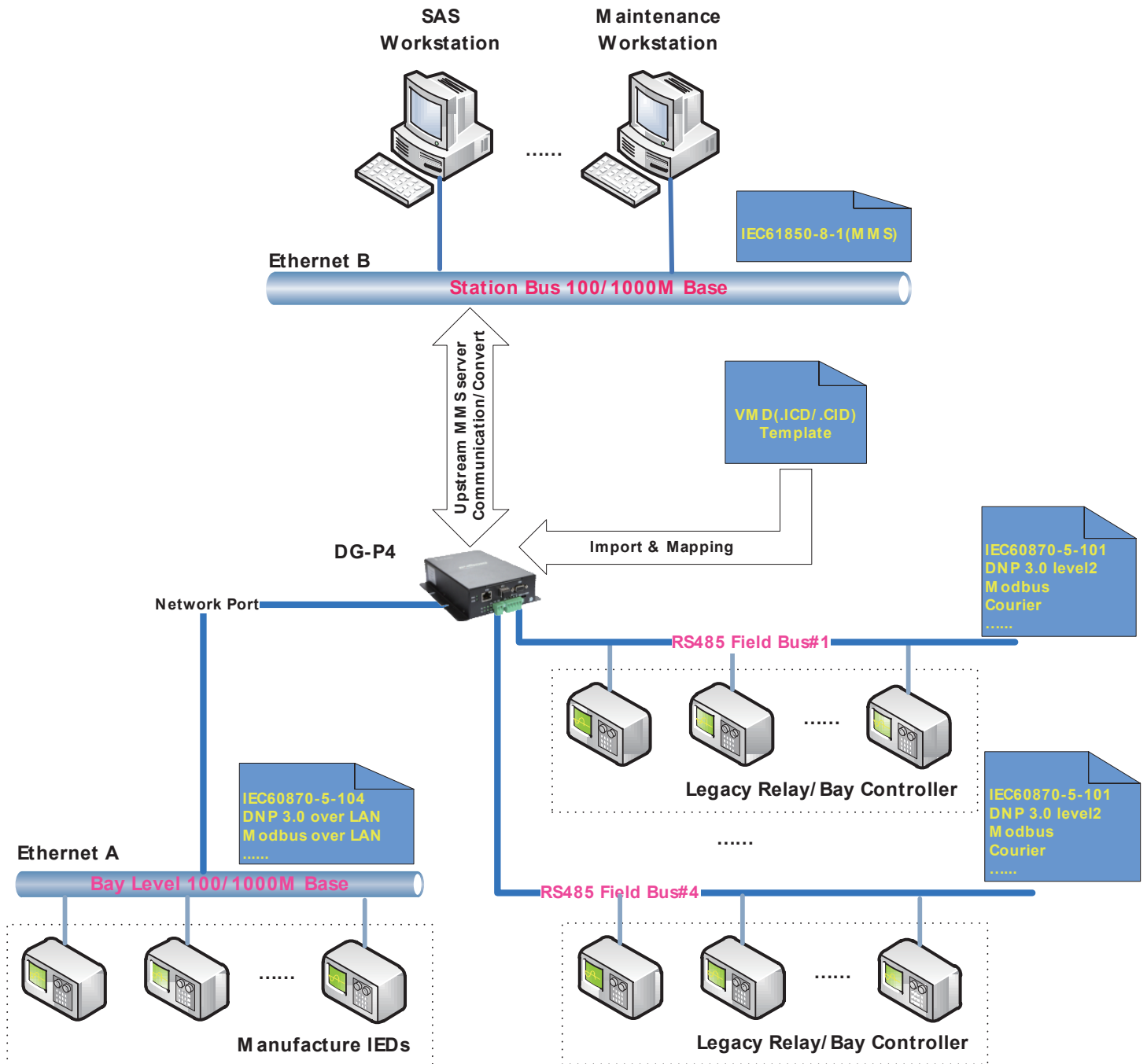
Protocol Conversion by Store-and-Deliver

DG gateway can provide the very flexible internal data processing method during protocol communication.



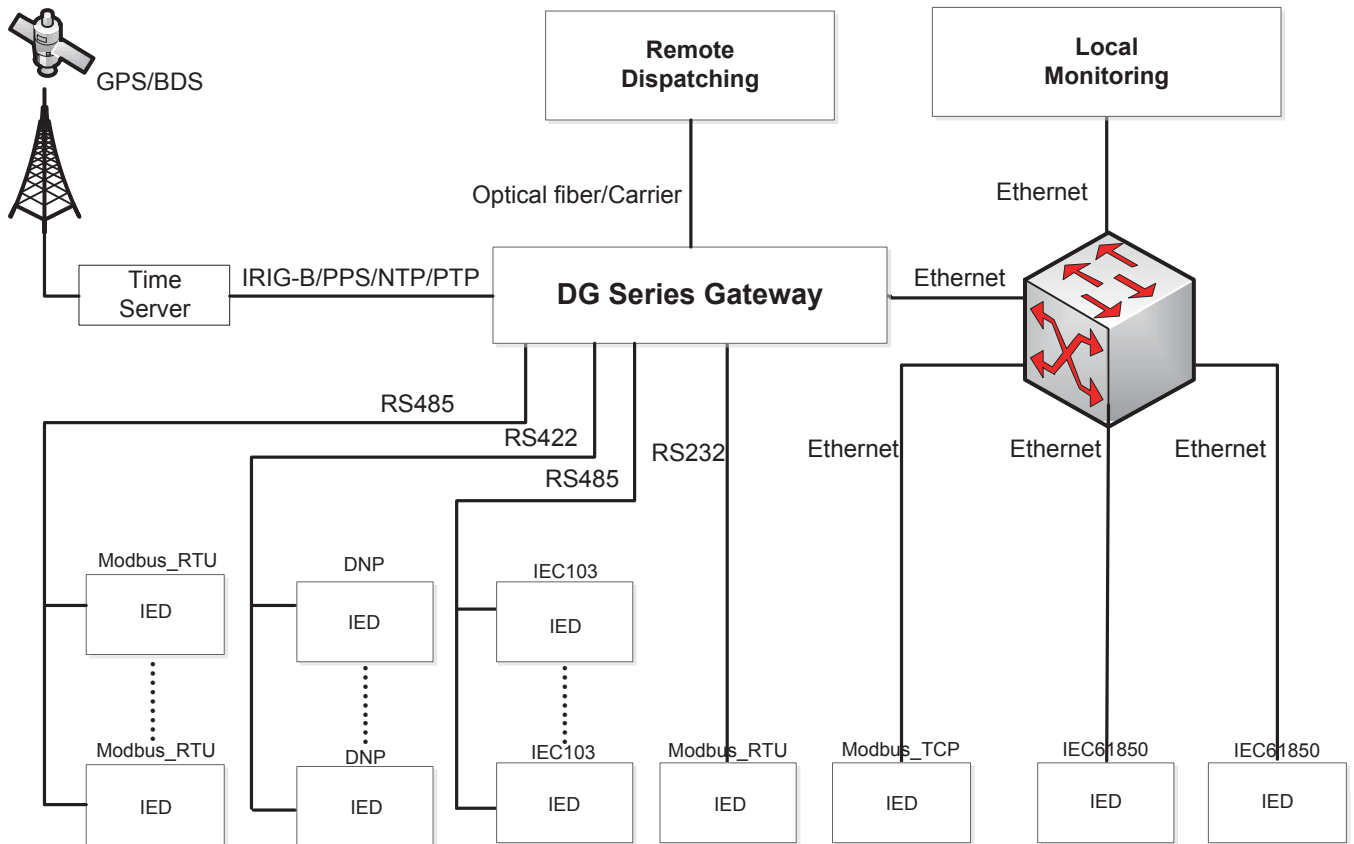
IEC 61850 communication bridge

DG gateway is designed in conformity with the IEC 61850 standards. It can be deployed to be an intelligent proxy unit to collect data by both serial ports and Ethernet ports. By importing any pre-defined IEC 61850 SCL(.icd/.cid) template file and mapping the data to internal VMD model with the configuration tool - ICE, the unit can be viewed just as the standard IEC 61850 virtual IED(eg. Logical IEC 61850 IED) from its master side.



Substation Automation

Not only collect various data from the IEDs, the gateway can also be time synchronized to time server through IRIG-B, NTP etc. Thus will ensure validity for the monitoring real-time data.



Advanced Task

When using advanced task in DG gateway, Engineer can program on-line with E-script language which is provided with the ICE configuration toolset to implement even complex operation. Such as logical calculation, accumulation, strategy control, batch processing control etc.

