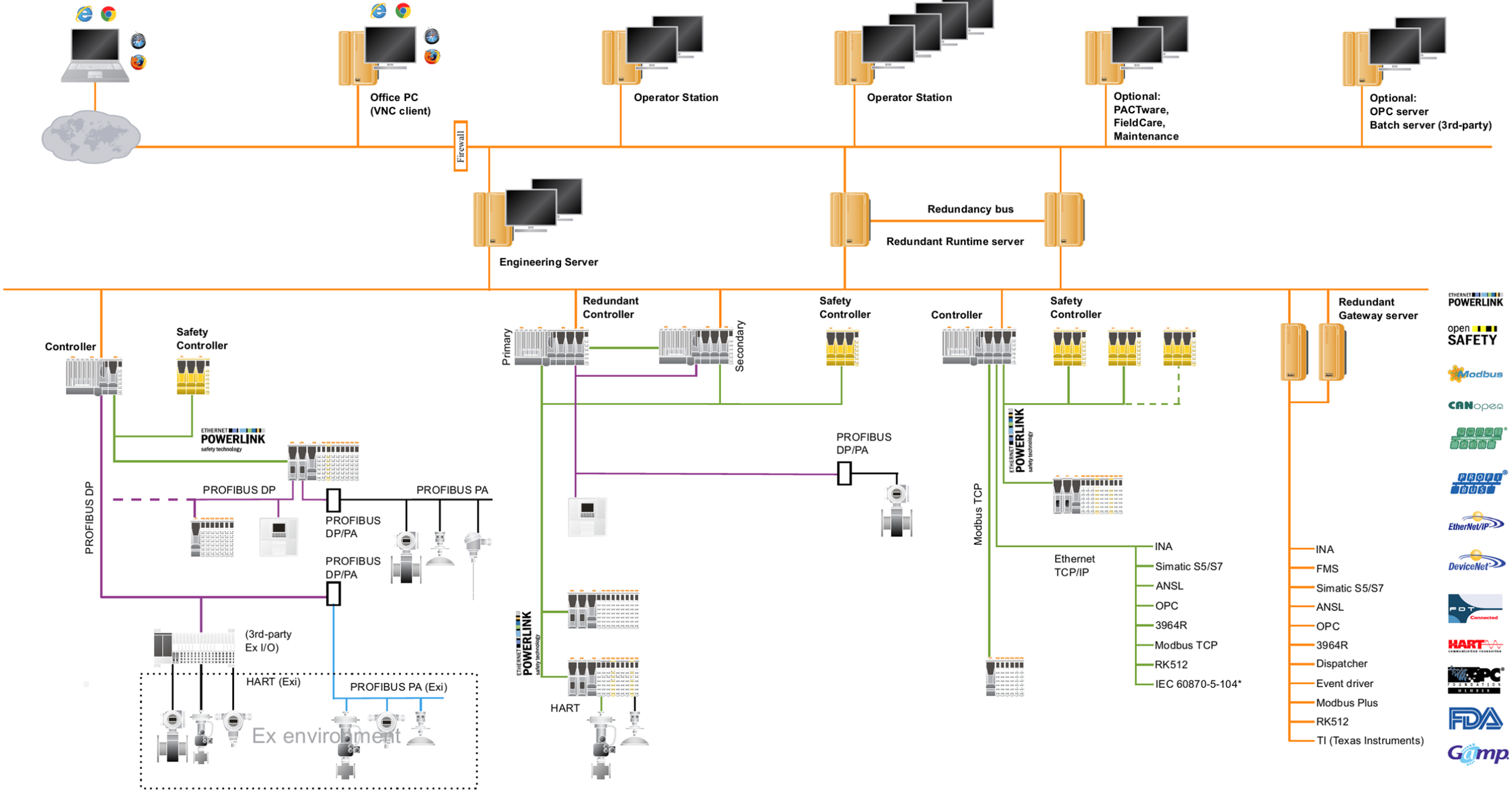
Office PC
(VNC client)
Firewall
Operator Station
Operator Station
Optional:
PACTware,
FieldCare,
Maintenance
Optional:
OPC server
Batch server (3rd-party)
Engineering Server
Redundancy bus
Redundant Runtime server
Controller
Safety
Controller
Redundant
Controller
Primary
Secondary
Safety
Controller
Controller
Safety
Controller
Redundant
Gateway server
ETHERNET
POWERLINK
safety technology
PROFIBUS DP
PROFIBUS DP
PROFIBUS PA
PROFIBUS
DP/PA
PROFIBUS
DP/PA
(3rd-party
Ex I/O)
HART (Exi)
PROFIBUS PA (Exi)
Ex environment
PROFIBUS
DP/PA
HART
Modbus TCP
Ethernet
TCP/IP
INA
Simatic S5/S7
ANSL
OPC
3964R
Modbus TCP
RK512
IEC 60870-5-104*
INA
FMS
Simatic S5/S7
ANSL
OPC
3964R
Dispatcher
Event driver
Modbus Plus
RK512
TI (Texas Instruments)
ETHERNET
POWERLINK
open
SAFETY
Modbus
CANopen
PROFIBUS
EtherNet/IP
DeviceNet
FDT
Connected
HART
OPC
FOUNDATION
MEMBER
FDA
Gamp