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PROJECT

ENG

PRO

CYBER SECURITY FOR INDUSTRIAL CONTROL SYSTEMS

By Project **ENG PRO**



Programmable Logic Controllers Introduction



In this lesson, we will delve into the topic of Programmable Logic Controllers (PLCs) and gain a comprehensive understanding of their overview and functionality.

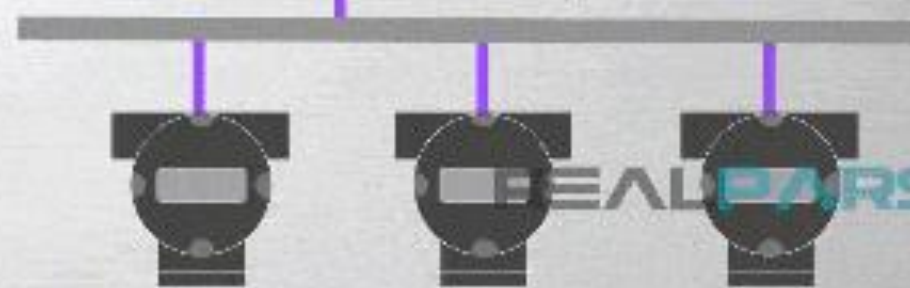
Allen Bradley PLC

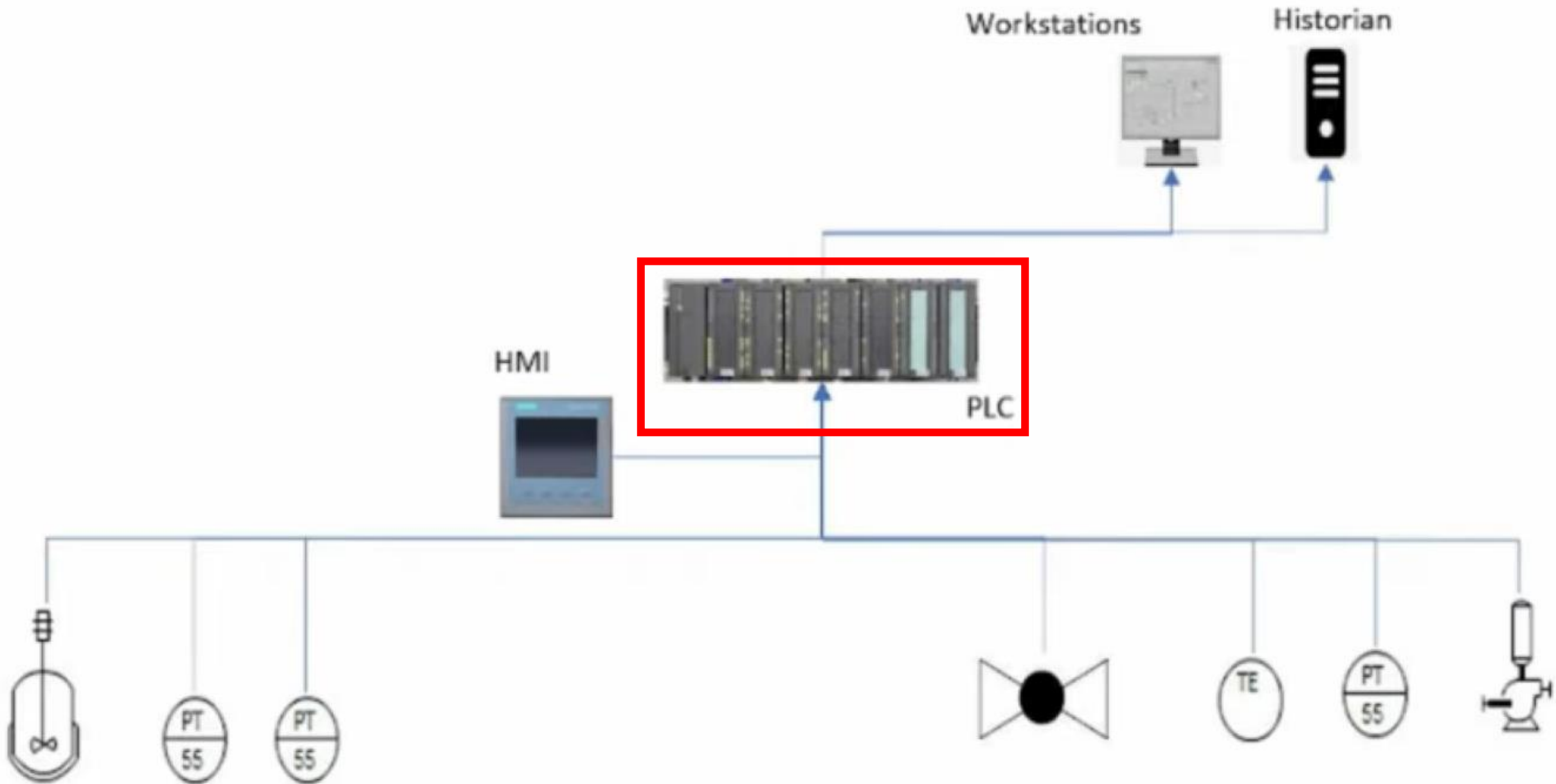


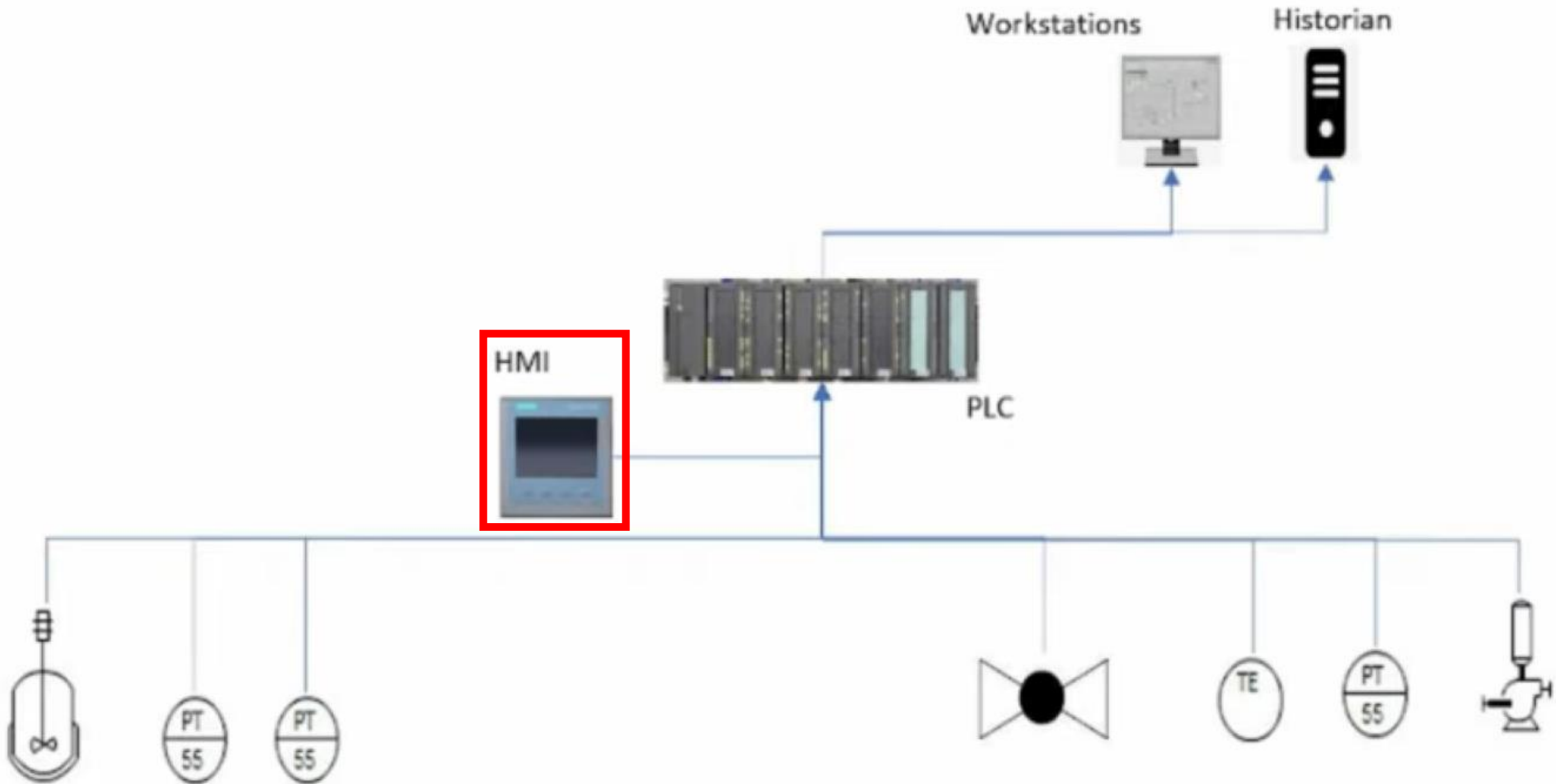
ControlNet

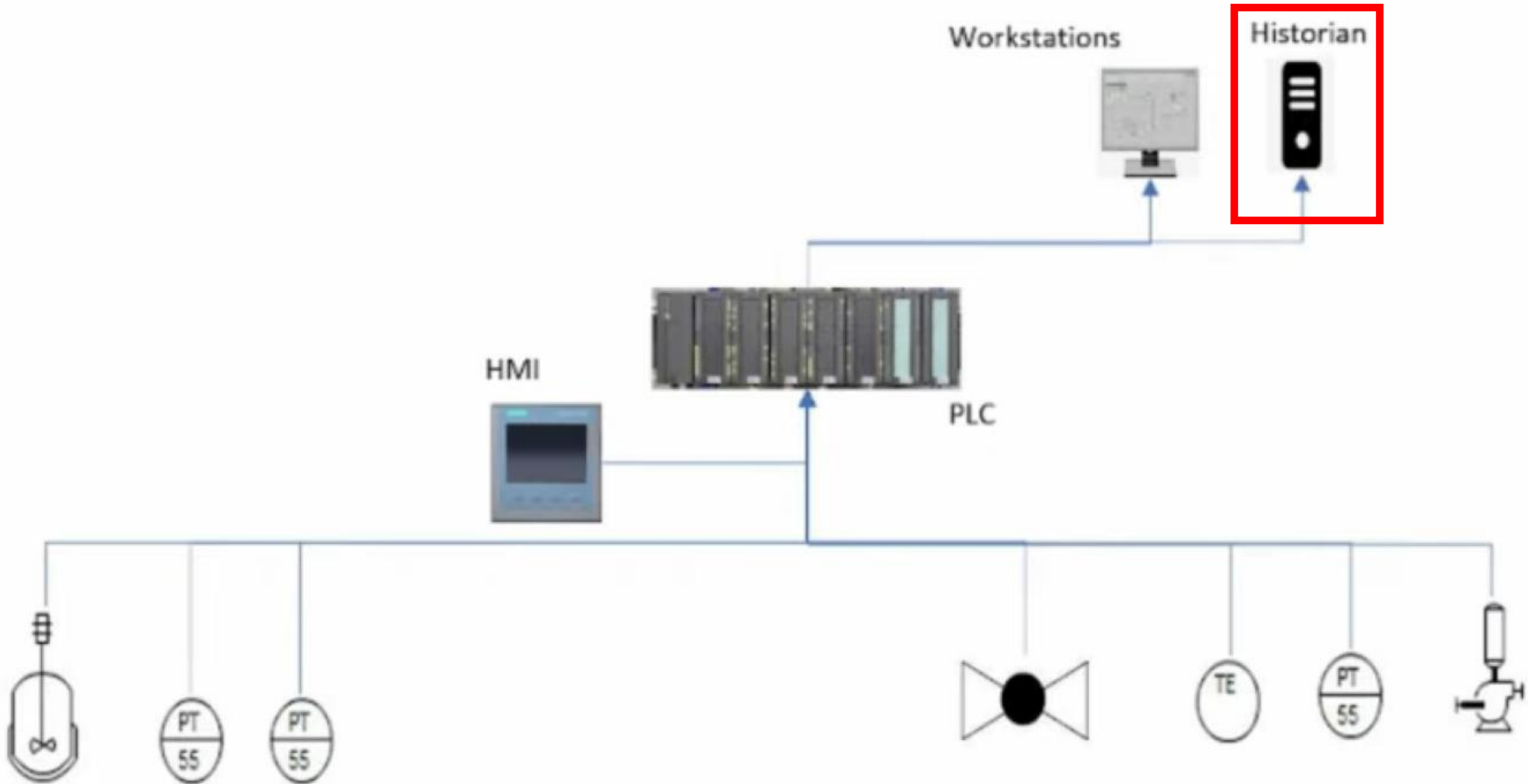


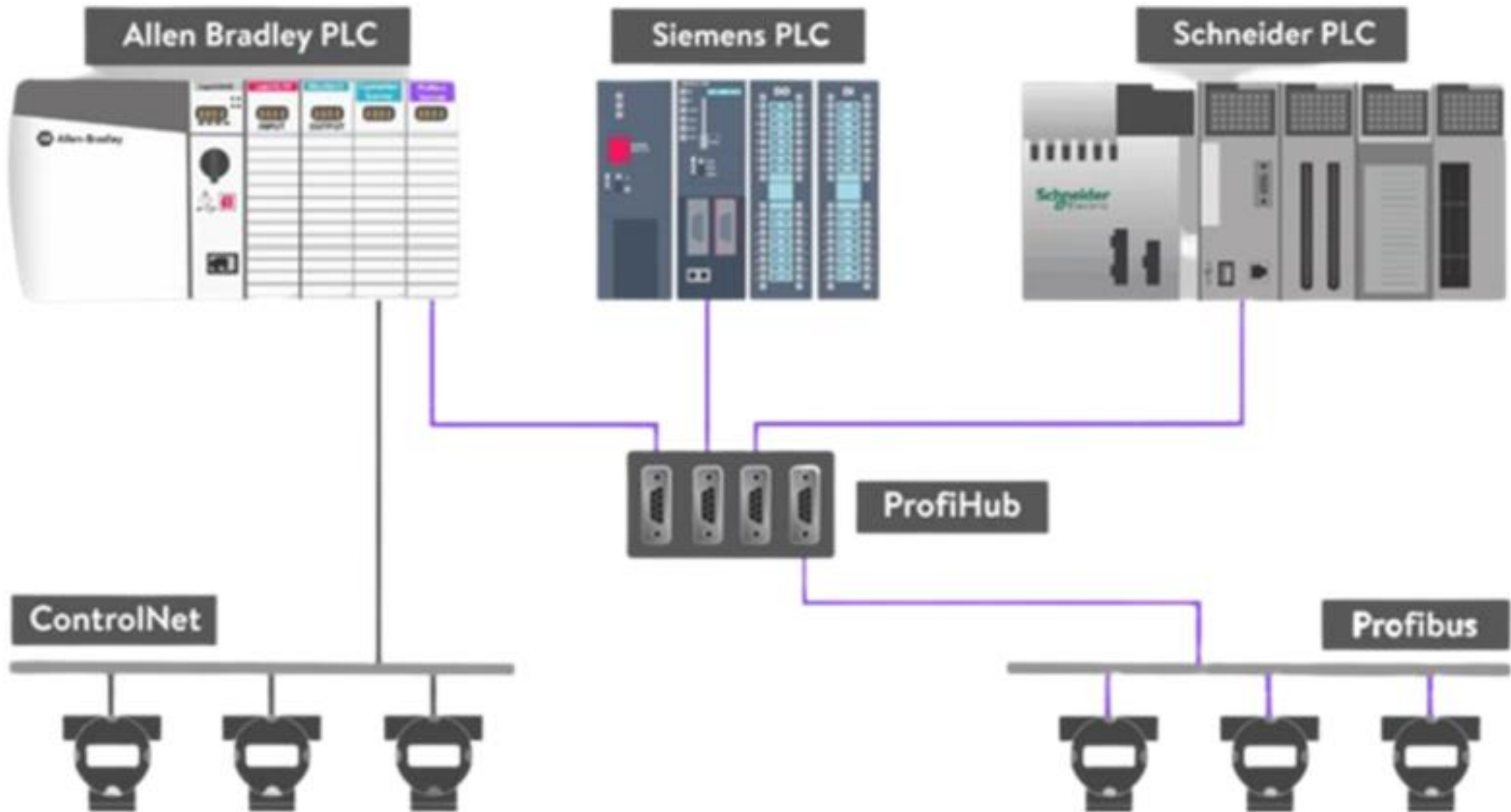
Profibus

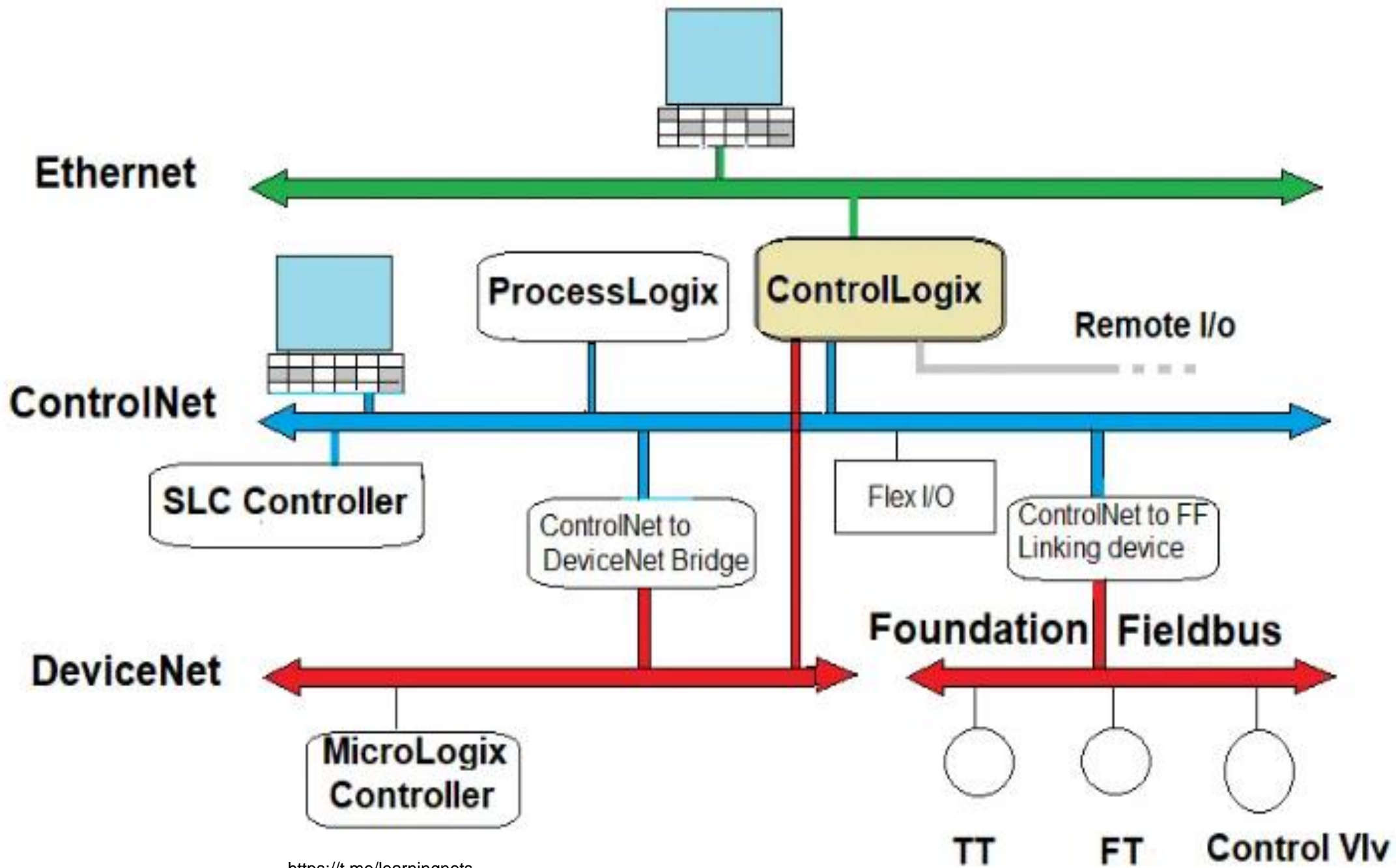




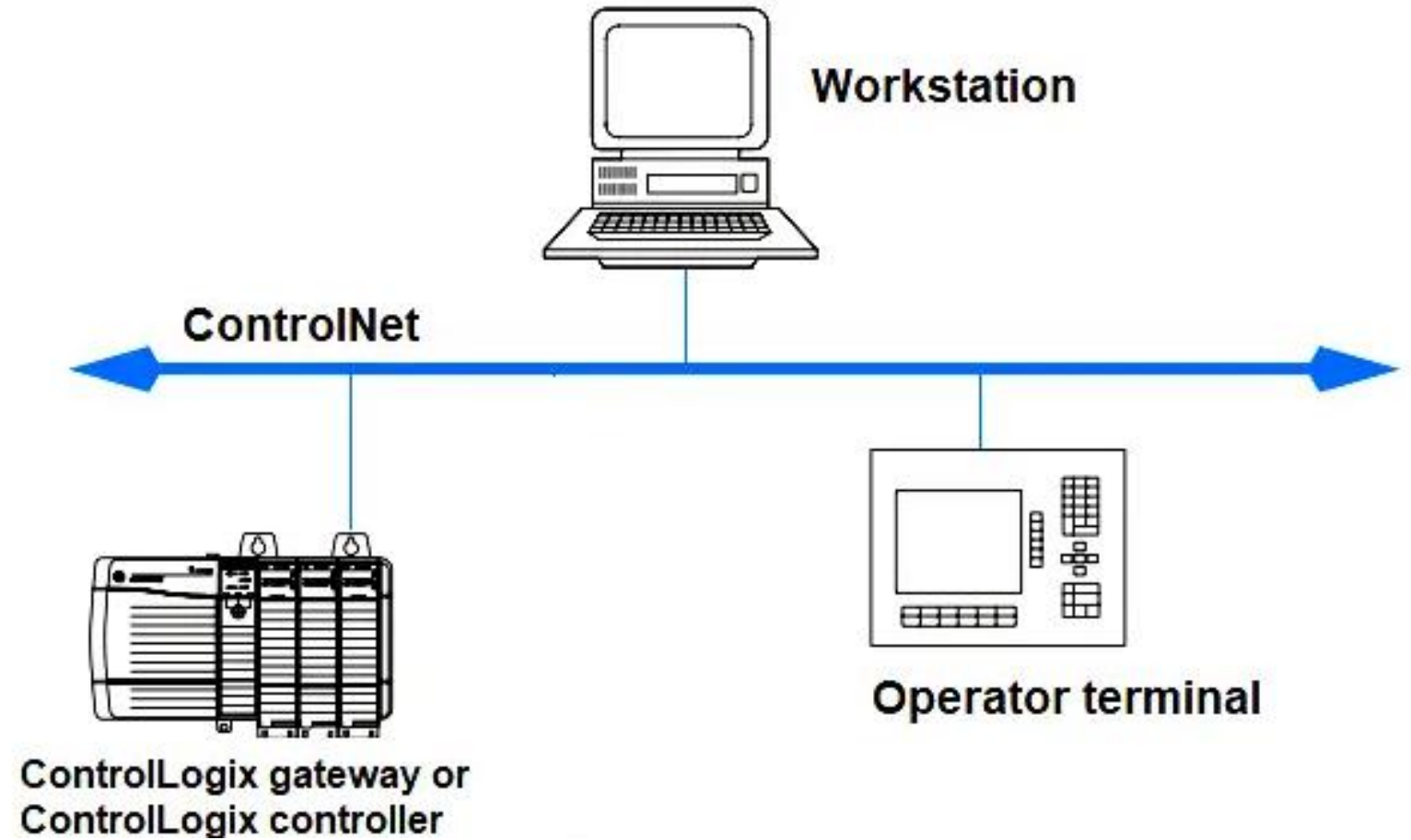


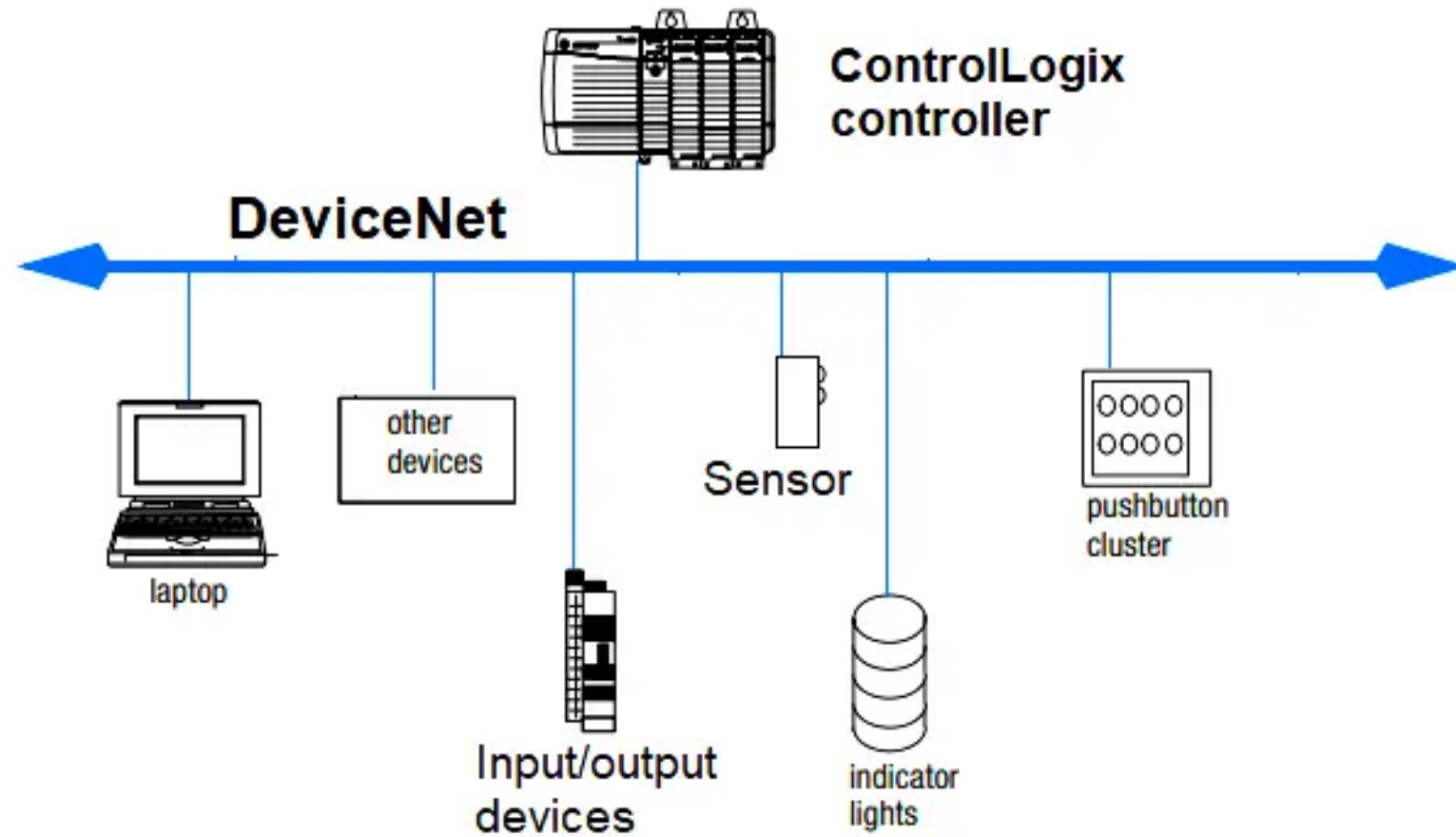






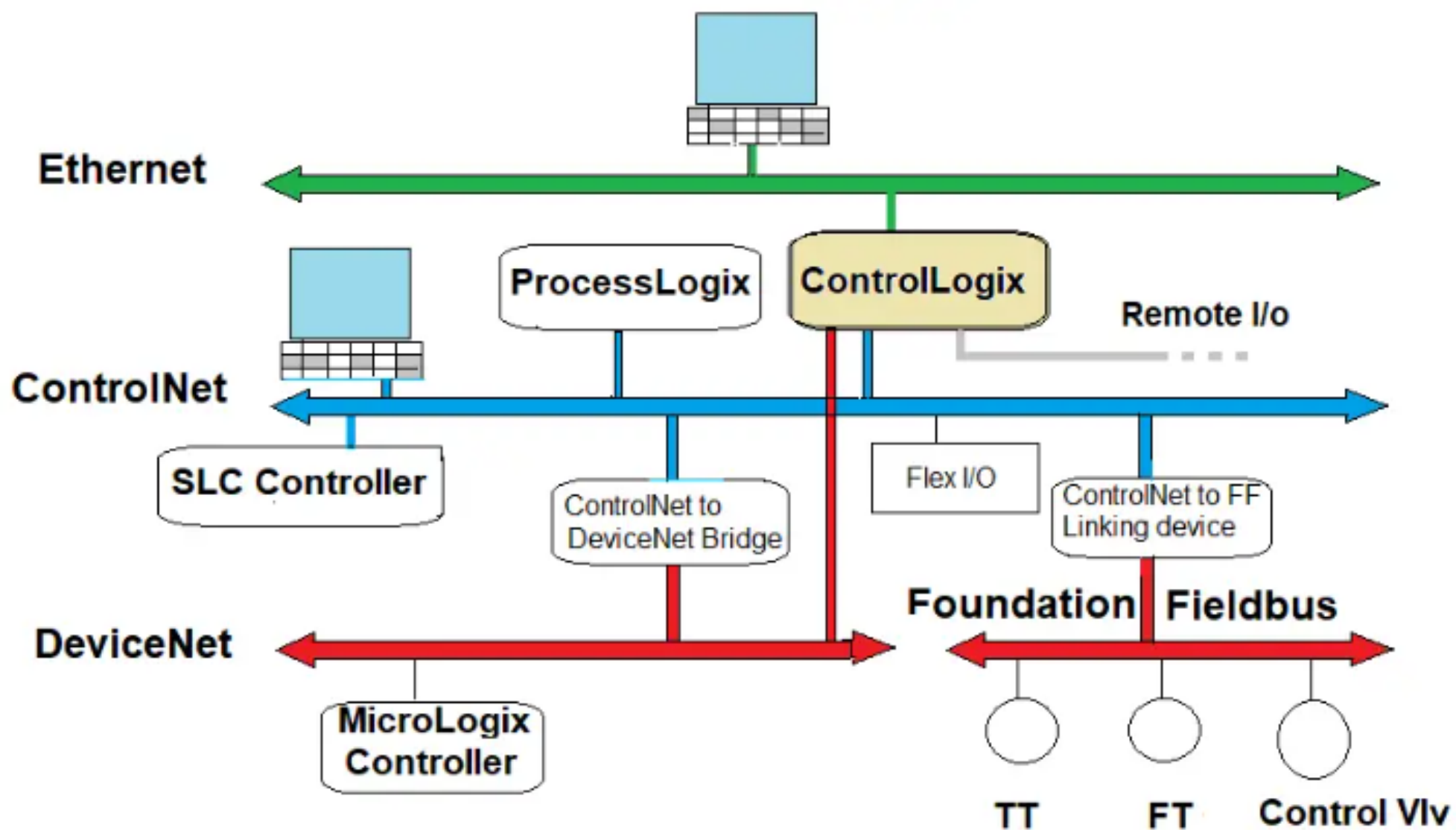
ControlNet



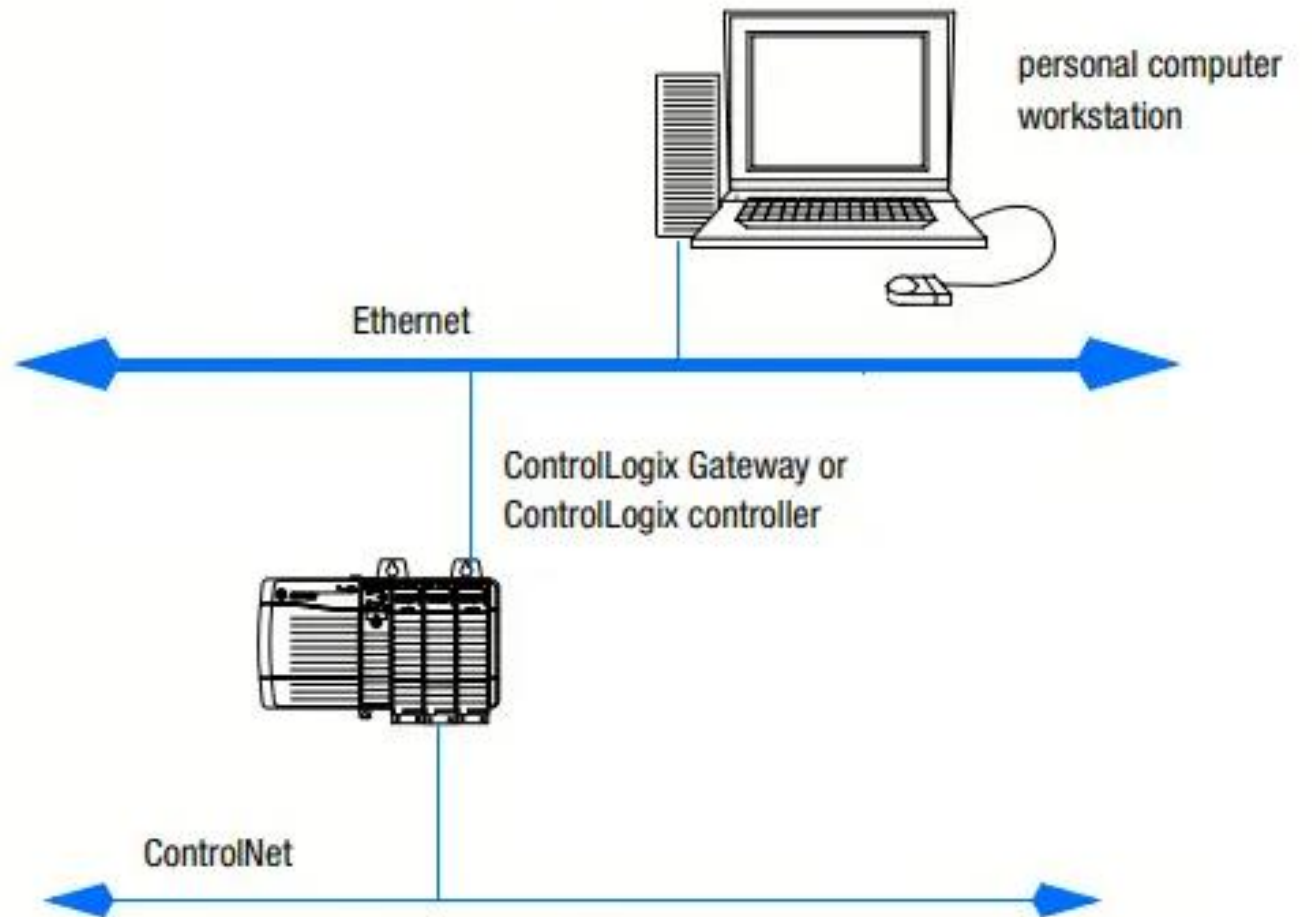


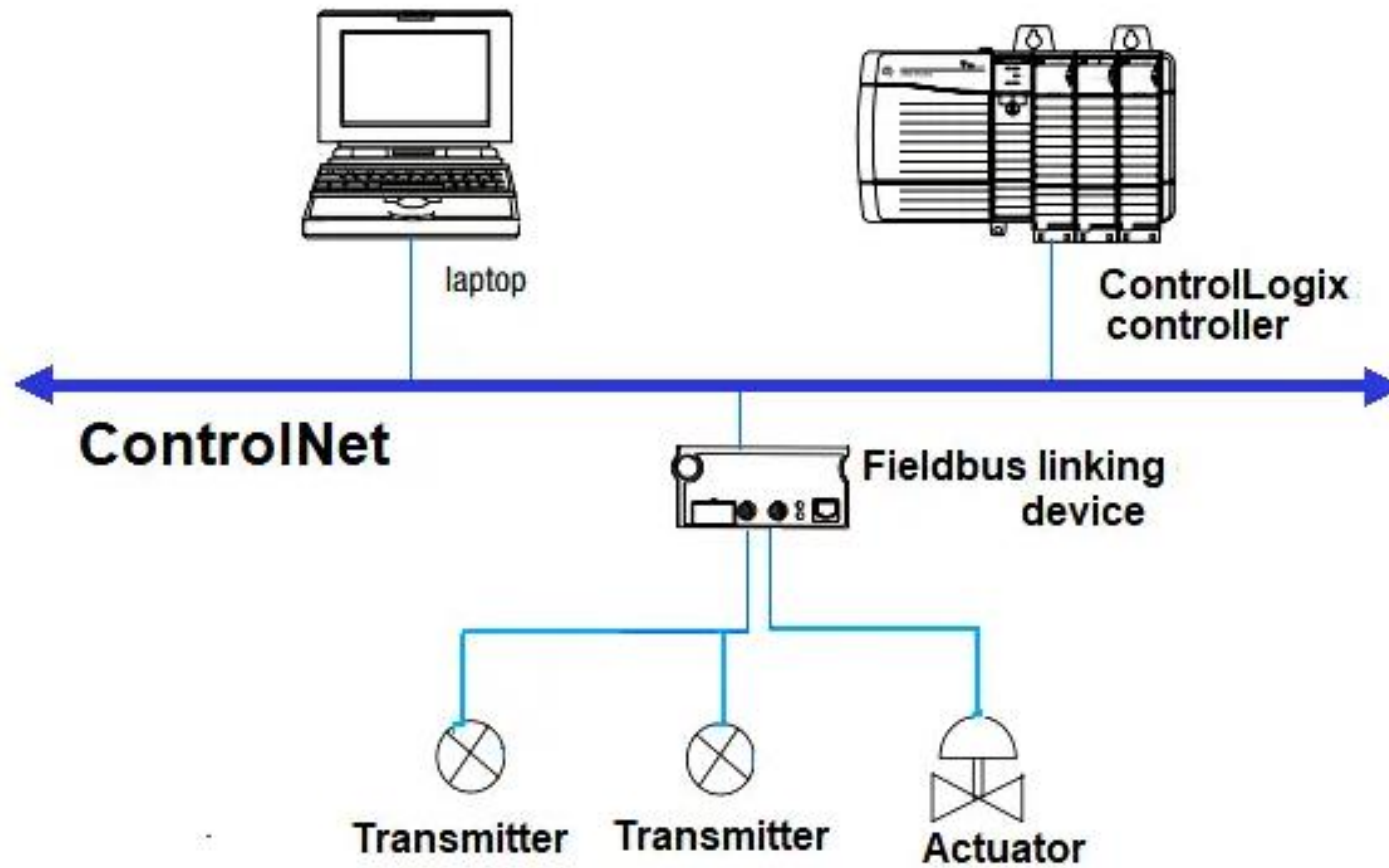
DeviceNet

Architecture of Allen Bradley PLC



Ethernet Network





Fieldbus Network

ControlNet

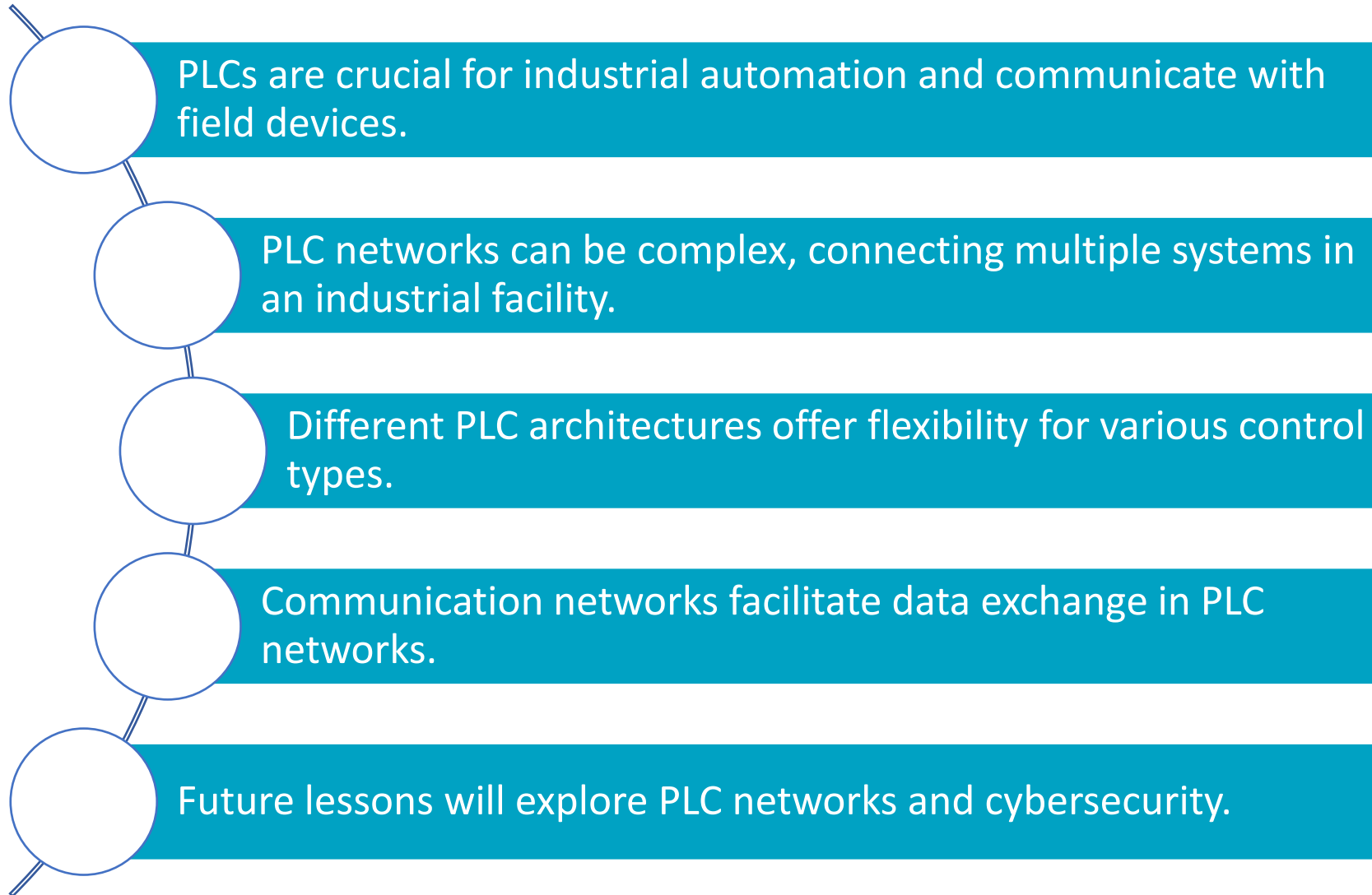


EtherCAT  



Communication Networks

Wrap Up





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