

PROFIBUS COMPETENCY CENTRE, AUSTRALIA TECHNICAL SERIES		
DATE: Feb, 09	ORIGINATOR: GRANT WEYMAN	DOCUMENT REF: 09/005
SUBJECT: STATION TYPES		

There are only 2 types of stations operational on a network:

Master devices (also called active stations)

- Class 1 masters – e.g. PLCs, controllers, some SCADA stations etc.
- Class 2 masters – e.g. engineering tools, certain diagnostic tools etc.

Slave devices (also called passive stations)

- e.g. I/O blocks, transmitters, sensors, actuators, valves, drives etc.

Masters control the bus communications, slaves can only respond to master requests.

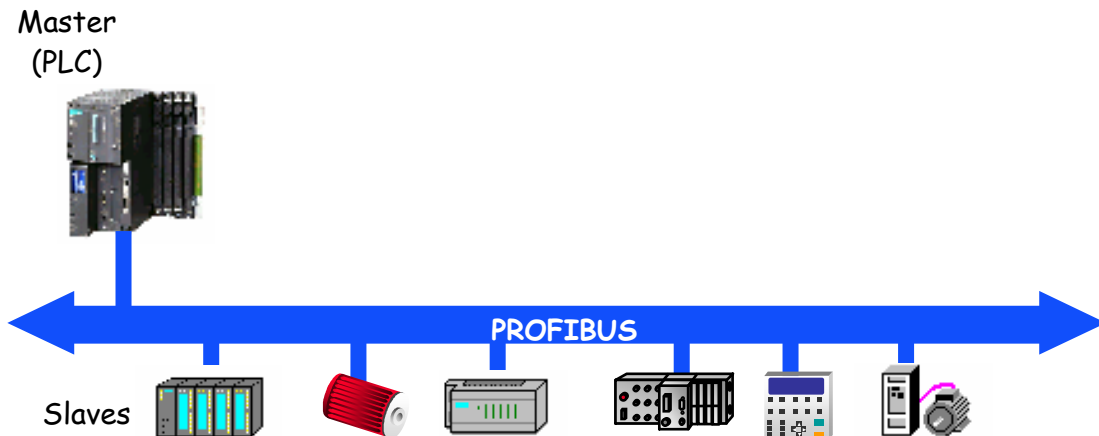


Fig. 1 Network Layoutⁱ

References:

ⁱ CPIC Presentation L02 Verwer Training & Consultancy Ltd.
The New and Rapid Way to PROFIBUS DP, Manfred Popp

<http://www.profibuscentre.com.au>
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