Indexed Department

Conveyor

OUT →

Working machine

Light barrier
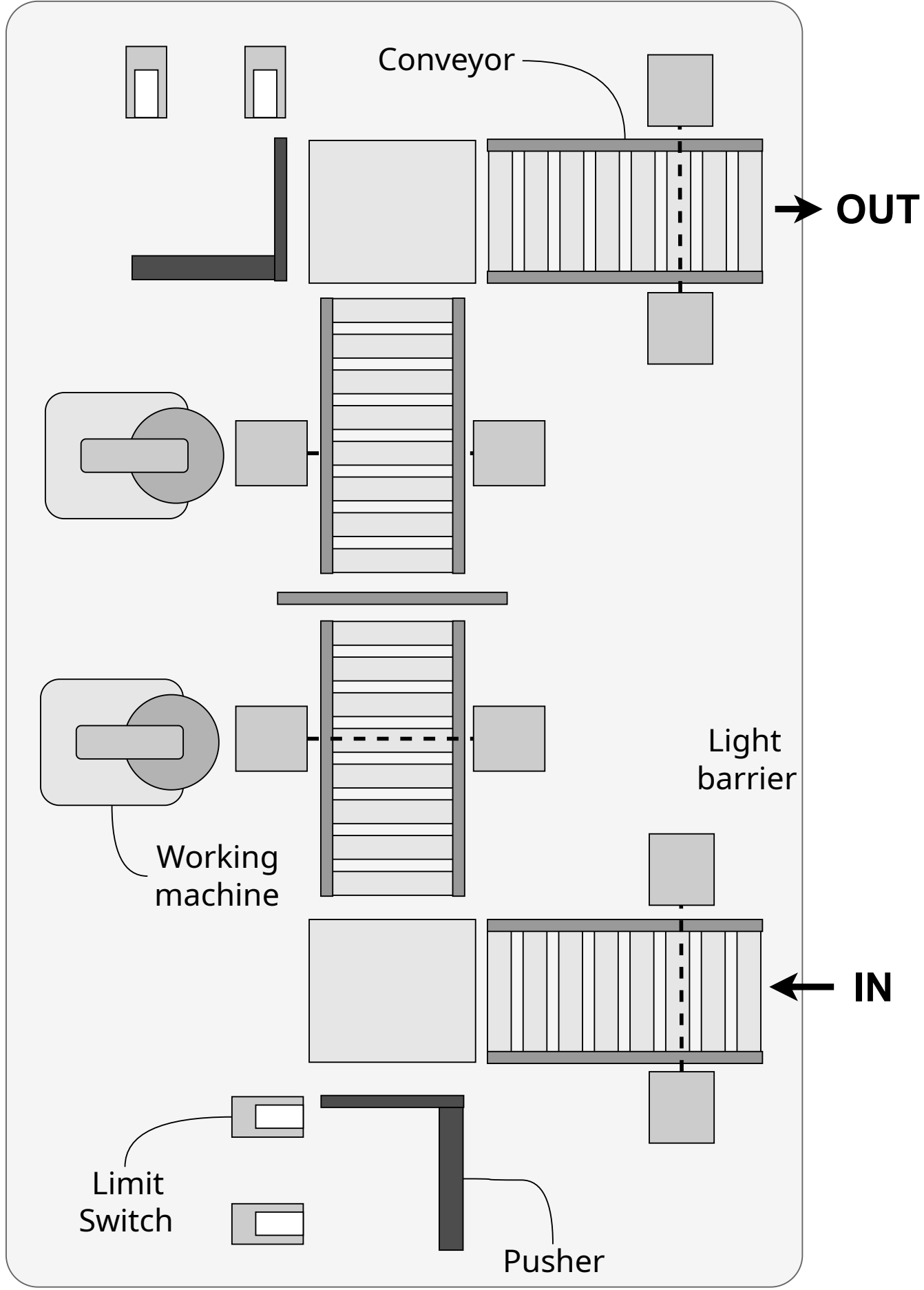
← IN

Limit Switch

Pusher

Digital Twins

MQTT DiA	HTTP DiA	WoT DiA

Indexed Line Department Digital Twin

MQTT PhA

MQTT DiA	HTTP DiA	WoT DiA	MQTT DiA	HTTP DiA	WoT DiA	MQTT DiA	HTTP DiA	WoT DiA	MQTT DiA	HTTP DiA	WoT DiA

Input Conveyor DT

Machine 1 DT

Machine 2 DT

Output Conveyor DT

OPC-UA PhA	MQTT PhA	OPC-UA PhA	OPC-UA PhA	OPC-UA PhA	MQTT PhA

Controller: Siemens S7-1200

Arduino