

The Automation Pyramid (ISA-95)

Hierarchical levels of industrial automation and control

Level 4

Enterprise

ERP, Business Planning, Supply Chain

Level 3

Manufacturing Operations

MES, SCADA, Production Scheduling

Level 2

Control

PLCs, DCS, Motion Controllers

Level 1

Field Devices

Sensors, Actuators, Drives, I/O

Level 0

Process

Physical Process, Machines, Equipment