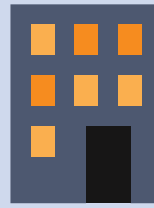# IT SYSTEMS
Information Technology (IT) combines all necessary technologies for information processing.

Level 4

ENTERPRISE SCHEDULING & MANAGEMENT

Supplier Rel. Mgt., HR Mgt., Finance Mgt.,
Supply Chain Mgt., Customer Relationship Mgt. (CRM)

Remote Office

Database Server

MES

Level 3

PRODUCTION MANAGEMENT

PRODUCTION:
Resource Mgt., Process Mgt., Production Planning,
Tracking & Tracing, Quality Mgt. (QA),
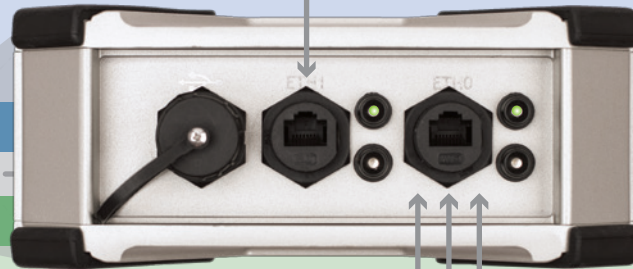Data Collection Perform. Analysis(KPI)

DEVELOPMENT:
Computer Aided Design (CAD), CA Manufacturing,
CA Process Planning, Digital Mock-up

Data Commander™

**Enterprise PC's
Visualization &
Reporting**

Manufacturing Flow Design
Manufacturing Flow Planning

- - **Integrated Firewall** - - -

MES

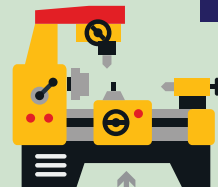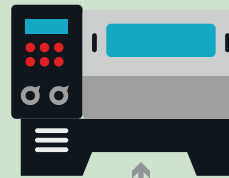**Level 2**

CONTROLS & AUTOMATION

Logic/Batch Control, Recipe Management,
Parameter Management

PLC Machines

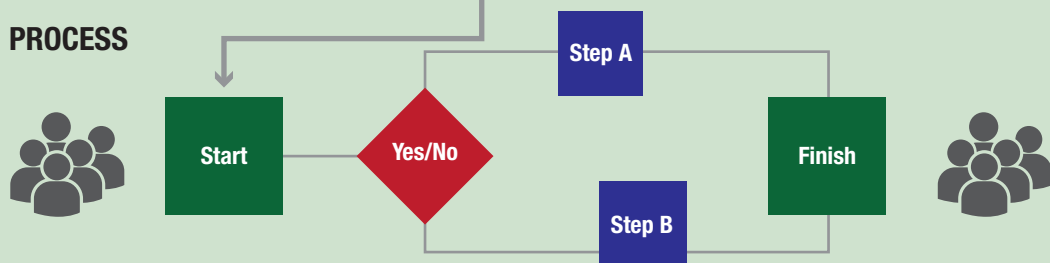**Level 1**

INTELLIGENT DEVICES

Sensors, Vision systems, RFID readers,
Flow, Printers, Scanners

*These devices can interact
directly with the Data Commander*

Level 0

PHYSICAL PRODUCTION PROCESS

Start

Yes/No

Step A

Step B

Finish

OT SYSTEMS
Operation Technology (OT) comprises the devices, sensors and software necessary to control and monitor the plant and equipment.