

IT SYSTEMS

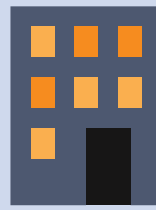
Information Technology (IT) combines all necessary technologies for information processing.

Level 4

ENTERPRISE SCHEDULING & MANAGEMENT

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

Remote Office



Database Server



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



Enterprise PC's
Visualization &
Reporting



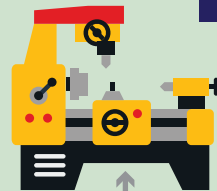
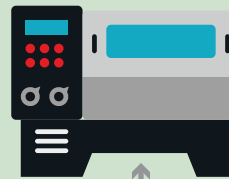
-- Integrated Firewall --

Level 2

CONTROLS & AUTOMATION

Logic/Batch Control, Recipe Management,
Parameter Management

PLC Machines



Level 1

INTELLIGENT DEVICES

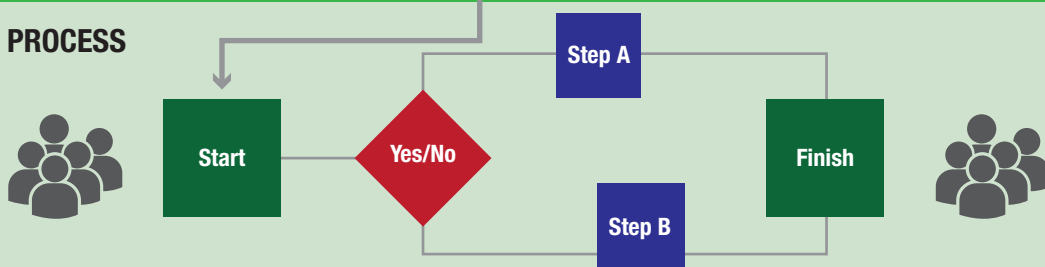
Sensors, Vision systems, RFID readers,
Flow, Printers, Scanners

*These devices can interact
directly with the Data Commander*



Level 0

PHYSICAL PRODUCTION PROCESS



MES

Manufacturing Flow Design
Manufacturing Flow Planning

MES

OT SYSTEMS

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

IloTA™ Edge Based Appliance

Part Number	IIOA-1.0-xxx *	IIOA-MiNi-xxx*
Network Interface #1	1000/100/10baseT	1000/100/10baseT
Network Interface #2	100/10baseT	100/10baseT
Network Security	Integrated hardware based firewall	Integrated hardware based firewall
Device Connections	0 to 100 (increments of 5)*	0 to 100 (increments of 5)*
Integrated Dashboard Tool	Yes	
Max Number of Dashboards	Unlimited	
Drag & Drop Dashboard Tool	Yes**	
Integrated Database Server	Yes**	
Datasever App's (Included)	Workflow Manager Machine Storyline Machine Downtime Manager	
Power	+5V @ 1.2A, 115/240 VAC	24 Volt @ 0.25A
Case	Cast Aluminum Enclosure	Metal DIN-Style Enclosure
Dimensions WxHxD in/(mm)	7.08" x 7.28" x 3" (180 x 185 x 76)	2.125" x 5.98" x 4.09" (54 x 152 x 104)
Cooling	Passive	Passive
Temperature	-60°C to 80°C	-20°C to +70°C
Hardware Warranty	12 months Limited Warranty	12 months Limited Warranty
Certifications	UL, CE	UL, CE
Included in Package	AC power plug, quick start guide	24VDC
* The number of device connections to be specified in increments of 5 connections and added as a three digit suffix (-xxx) at the time of order (e.g. IIOA-1.0-015)		
** Licensing Required		



INTEGRATED DATABASE SERVER -

Resulting in an Industrial IoT system that can be configured to operate 100% stand alone.



INTEGRATED HARDWARE BASED FIREWALL -

Hardware separation of the Operation Technology (OT) Network from the IT Network for an ultra-secure, malware adverse solution.



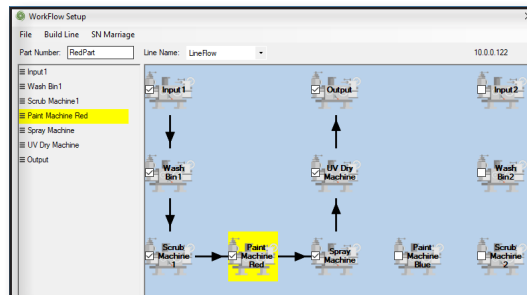
IloTA™ DASHBOARD DESIGNER -

Easily create attractive URL based machine monitoring dashboards with the IloTA's drag & drop style dashboard builder.



PROCESS WORKFLOW SETUP SOFTWARE -

Quickly configure a line-side defect flow-out prevention system to ensure the proper processes are completed successfully and in order.



www.IloTA.net