



Edge Based Appliance



# IloTA™ Edge Based Appliance

**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.



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



Stand Alone IloTA™

**INTEGRATED DATABASE SERVER -**  
Resulting in an Industrial IoT system that can be configured to operate 100% stand alone.



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



DIN Mount IloTA Mini™

Part Number	IloTA-1.0-xxx*	IloTA-Mini-xxx*
Network Interface #1	1000/100/10baseT	1000/100/10baseT
Network Interface #2	100/10baseT	100/10baseT
Network Security	Integrated Hardened Gateway	Integrated Hardened Gateway
Device Connections	0 to 100 (increments of 5)*	0 to 100 (increments of 5)*
Drag & Drop Dashboard Tool	Yes (Licensing Required)	No
Pre-Installed Database Server	Yes - DB2 (Licensing Required)	Yes - MySQL (Included)
Compatible App's (Included)	Workflow Manager Dashboard Designer	Web Server - Apache MySQL Database Server
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	0°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. IloTA-1.0-015)

# IT SYSTEMS

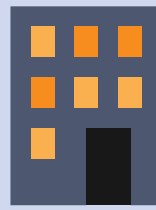
Information Technology (IT) combines all necessary technologies for information processing.

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



MES

Manufacturing Flow Design  
Manufacturing Flow Planning

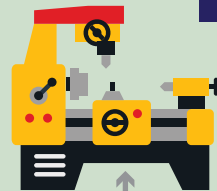
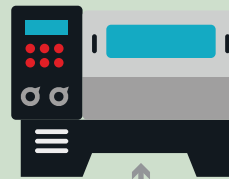
Integrated Hardened Gateway

Level 2

## CONTROLS & AUTOMATION

Logic/Batch Control, Recipe Management, Parameter Management

PLC Machines



Level 1

## INTELLIGENT DEVICES

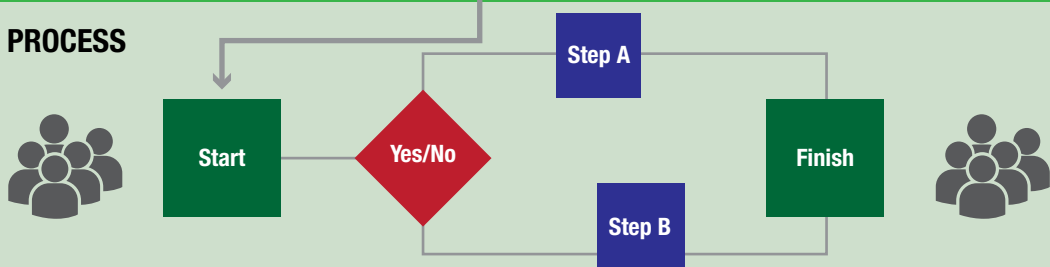
Sensors, Vision systems, RFID readers, Flow, Printers, Scanners

These devices can interact directly with the Data Commander



Level 0

## PHYSICAL PRODUCTION PROCESS



MES

# OT SYSTEMS

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

To learn more about the OT / IT conflict, please visit [www.IIoT.net/mes-gateway-appliance](http://www.IIoT.net/mes-gateway-appliance)

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*Engineering Excellence Since 2009*

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