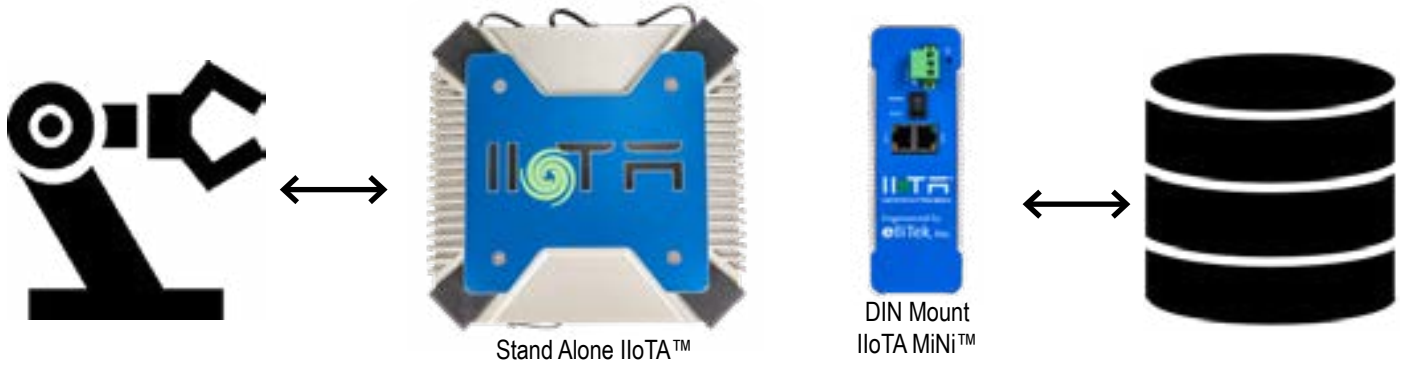




Edge Based Appliance



IloTA™ Edge Based Appliance



INTEGRATED DATABASE SERVER -

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



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.



INTEGRATED HARDENED GATEWAY -

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



| Part Number | IIOOTA-1.0-xxx ¹ | IIOOTA-MiNi-xxx ¹ |
|--|---|---|
| Network Interface #1 | 1000/100/10baseT | |
| Network Interface #2 | 100/10baseT | |
| Network Security | Integrated Hardened Gateway | |
| Device Connections | 0 to 100 (increments of 5) ¹ | 0 to 20 (increments of 5) ¹ |
| Drag & Drop Dashboard Tool | Yes | To Be Released |
| Pre-Installed Database Server | DB2 | MySQL |
| Integrated Web Server | Yes | |
| Compatible App's | Workflow Manager ² | N/A |
| Power | +5V @ 1.2A, 115/240 VAC | 24 Vdc @ 0.25A |
| Case | IP Rated Cast Aluminum Enclosure | 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 | |
| Temperature | -60°C to 80°C | 0°C to +70°C |
| Hardware Warranty | 12 months Limited Warranty | |
| Certifications | UL, CE | |
| Included in Package | AC Power Plug, Quick Start Guide | Quick Start Guide |
| ¹ 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. IIOOTA-1.0-015) | | |
| ² Licensing Required | | |

IT SYSTEMS

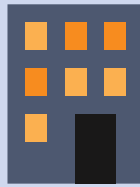
Information Technology (IT) combines all necessary technologies for information processing.

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 -



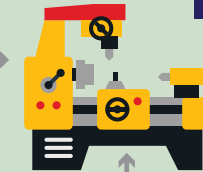
MES

Level 2

CONTROLS & AUTOMATION

Logic/Batch Control, Recipe Management, Parameter Management

PLC Machines



Level 1

INTELLIGENT DEVICES

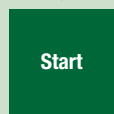
Sensors, Vision systems, RFID readers, Flow, Printers, Scanners

These devices can interact directly with the IIoTA™ and the IIoTA Mini™



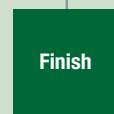
Level 0

PHYSICAL PRODUCTION PROCESS



Step A

Step B



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.

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Engineering Excellence Since 2009

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