



iTHING MECHATRONICS LLP

Making Machines Smarter



iThing - An Open Source & Versatile IoT Gateway



Multiple Protocol Support: Modbus TCP, Modbus RTU,
CAN Open , J1939
OPC UA

1 x Ethernet, 1 x RS 485, 1 x CAN

Connectivity Options: WiFi, GSM
(LTE/4G/2G), Bluetooth, LoRaWAN*

On Board IOs: 3 X Analog I/P
2 x Digital I/P
1 x Digital O/P

FOTA – Firmware Over the Air

Easy to configure

iThing - An Open Source & Versatile IoT Gateway



iThing *PaaS* – Complete integrated “Platform As A Service”



Cloud

Storage & Back End Solution



EasyDash

Quick to Configure/Customizable Dashboard



Reporting & Analytics

Predictive analysis & ML application

No Code Platform

Integrated Cloud, Customizable Dashboard, Analytics into a single platform

Industry side Ecosystem

IT Ecosystem

iThing – IoT Gateway

iThing - PaaS – Platform As a Service



INTEGRATED SOLUTION AT ONE STOP FOR IOT/INDUSTRY 4.0

EasyDash

With our revolutionary EasyDash IoT portal, quickly link database and create dashboard for monitoring.



Send Data to iThing's Cloud



Connectivity



Cloud protocol



Connectivity



iThing IoT Gateway



Protocols



Industrial Assets, PLC, HMI, Sensors, Etc



PROCESS METERS



TEMPERATURE SENSORS



UPS



ENERGY METER



PLC



HMI

“IHING” IOT GATEWAY



Live Dashboard with real data from a Deployment in Food Machinery

iThing

DATA -

Dashboard

Reports

Device Logs

CONFIG -

Change Password

Manage Users

Configure Dashboard

Manage Devices

Dashboard

Log Out

IndustryPlasticWovenSack▼OEMJaiko IndustriesCustomerJaiko FactoryMachineLoom1DeviceiThingJaiko00001

Dashboards

Vega DashboardALL

Device: iThingJaiko00001 - Last Update: 9/7/2024, 3:15:18 pm

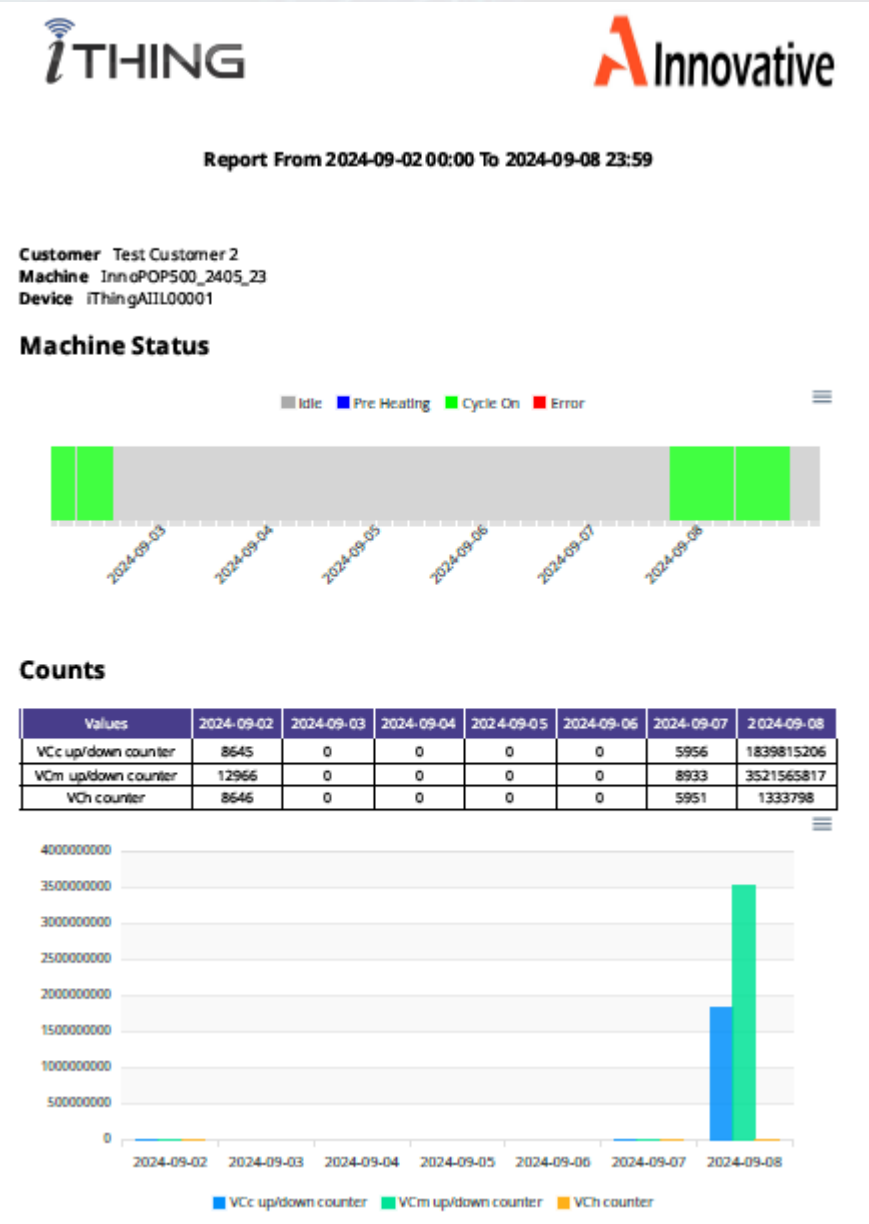
Production

3 Meter

01000000

Weft Break

0Count



Our value proposition/solution:

- *Offering simplified and integrated End-to-End IoT/IT ecosystem in most economical way (otherwise highly complex & expensive).*
- *Swift & Seamless onboarding of any IoT application in 30-45 minutes which otherwise takes 6 months 2 years or more depending upon project size*
- *This is without diverging from their core focus and resources*
- *With this we increase the speed of IoT enablement for any machine/project massively, and in turn increasing the market size of IoT*

Making Machines Smarter

Thank You

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