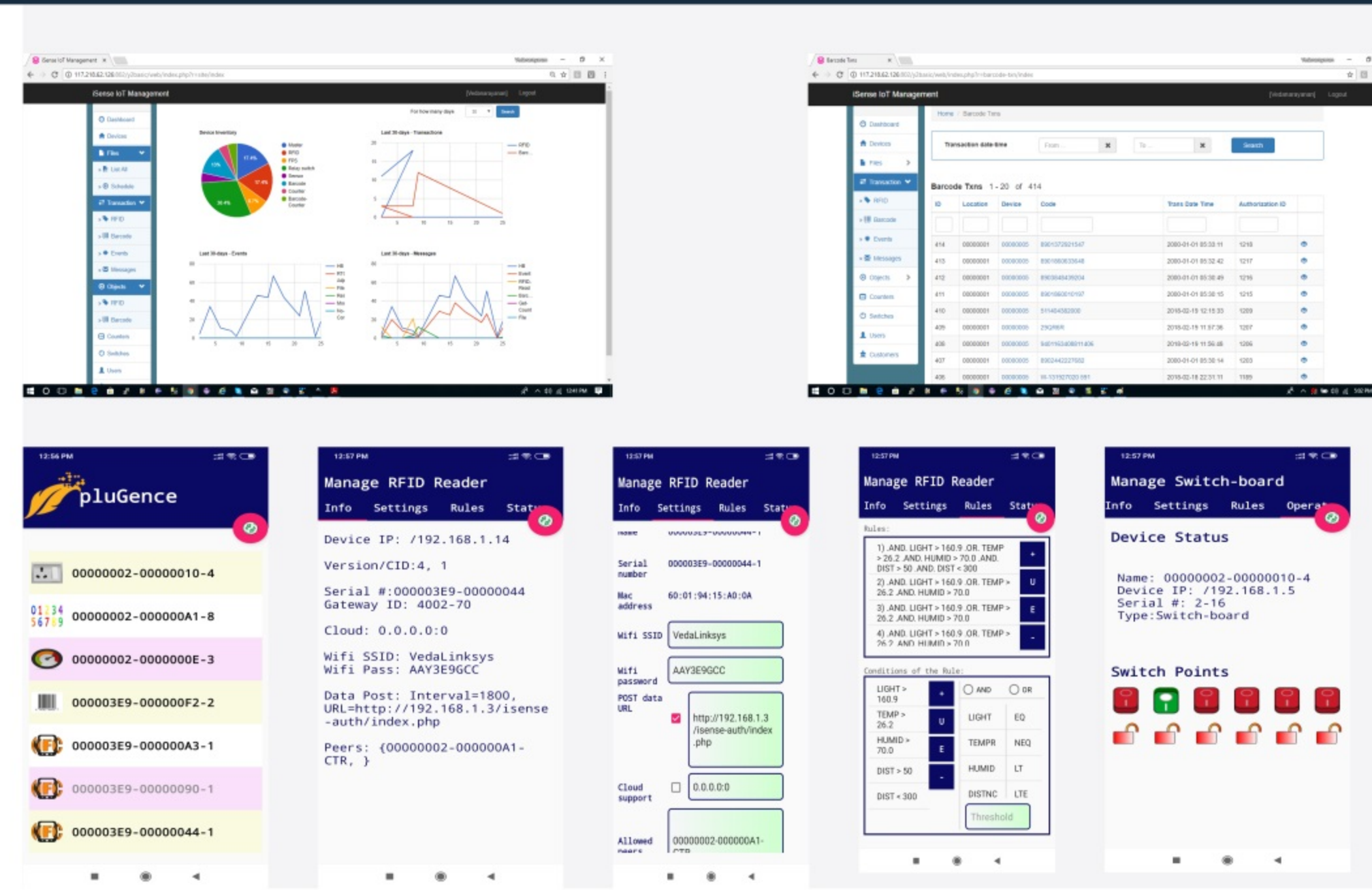


Automate your manual data-gathering



- RFID[tag + reader]
- BARCODE[label + scanner]
- SENSORS [temperature, humidity, light, smoke]
- SWITCH BOARD
- COUNTER
- WiFi, IoT, CLOUD, ANDROID
- YOUR ERP

You have **SMALL-DATA** in **LARGE** volumes
We digitize & automate



- Manage your devices
- Write & manage rules and configuration
- View barcode and RFID transactions
- Map barcode & RFID to apparels or objects
- Subscribe to real-time feed of transactions
- Map counters of all your devices with counter
- Manage your users



- Record time & duration of apparels at sew/cut sections
- Manage apparel movement
- Reduce manual labour
- Produce accurate data
- Integrate with your ERP
- Optimize productivity
- Help your business grow

Internet of Things (IoT) is equipped with sensors, actuators, and processors that communicate with each other to serve a meaningful purpose, with various technologies that work together in tandem.

pluGence IoT devices have embedded sensors, scanners, processors and transceivers. We automate collection and transfer of data between devices for further process and act on the data.



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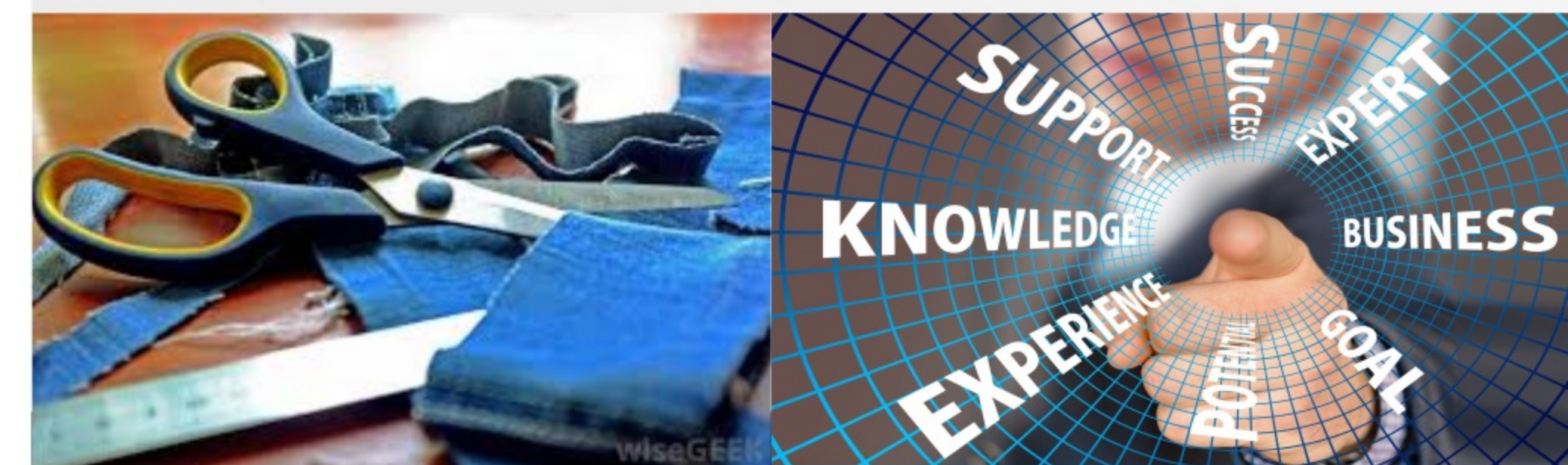


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Simplifying

automation

Products



RFID Reader

RFID tagged apparels and their fragments can be tracked at each point of process flow - cutting, sewing, and packing.



BARCODE Scanner

Apparel-fragments tagged with barcode can be tracked at each point of process flow - cutting, sewing, and packing.



Sensors

It has sensors to find temperature, humidity, light, proximity, and smoke. Posts the sensed values periodically to your MIS/ERP and same is known from android app.



Counter

Counter device displays count of pluGence IoT devices. It reflects the immediate reconciliation of successful scans at RFID/Barcode scanners.



Switch-Board

With these wifi-enabled switch-boards you can control any electrical gadgets remotely.



APP Interfaces

Android app helps you configure all pluGence devices. Optionally, devices can be configured by cloud APP [pluMTES]. Cloud provides host & management of data-source for data persistence of devices.

flexible solution to optimize
your production flow

YOUR OPPORTUNITIES

Apparel-fragments tagged with barcode can be tracked at each point of process flow - cutting, sewing, and packing.

Control of equipment based on live parameters derived from other dependent parts can save energy and improve efficiency.

Excessive emission of chemicals, gases, etc can be monitored and controlled.

Saves a lot of manual effort spent in moving data derived from various machines and/or products and/or events during production in the factory.

Equip with proper tools, devices and technologies to monitor and coordinate production related activities.

Avoid wasteful expenses with coordinated use of scarce resources like water, electricity, etc.

OUR SOLUTION

Apparels tagged with RFID are tracked till they go out of inventory.

Using our barcode-scanner at Sew, Assembly, Iron and Packing sections, the arrival/departure of apparels can be recorded.

These events are posted in real-time to your existing ERP and to the cloud as well.

Produces ready-to-process and accurate data.

pluGence counter device provides live update of count of objects at various sections thereby reflecting the events happening in those sections in real-time.

make the data actionable

Android app pairs pluGence devices with your mobile. This makes configuration and management of your devices seamless. Possible to review status quickly.

The pluGence switch-boards can be used to control various electrical gadgets like lights, fans, and machines remotely.

Sensor device has temperature, humidity, light, proximity, and carbon-gas sensors. Based on various parameters, a switch-board can be controlled by a set of configurable rules.

All pluGence IoT devices are configurable via android app as well as cloud for your specific requirements. You can get status of events in devices via android-app.

No need of manual intervention.

BENEFITS

Repetitive, boring, and error prone operations are automated.

Data gathered is pushed to your MIS or ERP in digital form in real-time and cloud as well optionally.

Data is ready-to-process for dependent applications.

Reduction in cost of production.

Use of high-end technology.

Your business becomes I-IoT enabled.

Energy saved (human, electric,...).

Data redundancy is avoided.

connect to collaborate

a network of concepts and objects,
leading to higher level action

