iSCOUT 4.0 MINI

Offers you an Edge to start your Industry 4.0 Journey

e -MAESTRO
.... embedded intelligence

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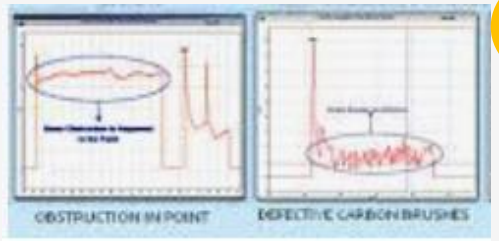
i-SCOUT4.0
Providing intelligence to everyone in the factory and beyond



Cloud

- Start-Stop status
- Rejections
- Process parameters
- Production counts
- Cycle time
- Downtime reason

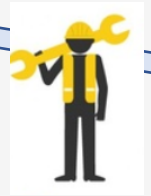
MFG HQ

Machine Health

Production data

Availability

Production data, rejection and alerts



Maintenance Engineer

AMC Service provider

Production MGR

Machine designer / Manufacturer

Quality Inspector

i-SCOUT4.0
With you on your Industry 4.0 journey

Connected Machine
Digitally enable the machine

Capture automatically basic information from the shop floor

- Start and Stop detection
- Rejection Detection
- Manual Root Cause Capture

Smart Machine
Realtime Performance Measurement

Realtime progress and KPIs to allow responsive actions from maintenance, operations and management
Easy detailed analytics to alert on deviations

- Standard KPIs and Reports
- Visual Status
- Alerts on drifts

Autonomous Machine
Digital Journey

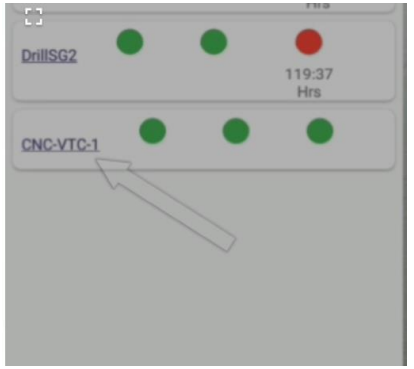
Automation of cause detection
Prediction of failures
Automated corrective actions
Share data with multiple applications

- Production control Tower
- Asset maintenance Tablet
- Worker Safety App

i-SCOUT4.0 MINI → i-SCOUT4.0 CNC → i-SCOUT4.0 Smart → i-SCOUT4.0 AutoMAX

iSCOUT4.0 MINI

iSCOUT4.0 MINI for 'Connected Machines' helps you to enhance workforce productivity with instantaneous alerts for machine status changes with single Push of a button by the operator



Product Overview

- Small box attached to the machine control panel with push buttons
- 3 Push Buttons, configurable to report machine status and other information like rejection, Service Request, Material Request
- Operator enabled to raise alerts without leaving a machine.
- Enables supervisor on the field to receive the alerts on mobile and enables him/her to see status of all 'Connected machines'

i-SCOUT4.0 CNC

iSCOUT4.0 CNC offers enhanced visibility into production progress of 'Smart Machines'. It help you track and improve machine productivity.

1. Data Acquisition for machine production data
   - ✓ Collects production data directly from CNC controller.
   - ✓ Ability to choose production parameters to be tracked
   - ✓ Ability to set thresholds based on which notifications will be triggered
2. Ability to store and push data in case of Network failures
3. Remote configuration of the device
4. Industrial grade Device with DIN Rail Mounting
5. Dashboard for monitoring equipment health, process parameters and production parameters
6. Standard Reporting on Health, Process and Production
7. Ability to Predict delays in production schedule using ML capabilities
8. Autonomous Mode
   Trigger automatic Enterprise actions like Requesting spares or creating a service Request

i-SCOUT4.0 Smart

iSCOUT4.0 Smart offering enhanced visibility into plant with 'Smart Machines' , help you increase plant productivity, production quality and the machine uptime

1. Data Acquisition for machine health data, process parameters and production data
   - ✓ Collect data from digital and analog sensors, from K Type thermo couples, PLCs and SCADA System using OPC-UA and other protocols
2. Ability to store and push data in case of Network failures
3. Remote configuration of the device
4. Industrial grade Device with DIN Rail Mounting
5. Dashboard for monitoring equipment health, process parameters and production parameters
6. Standard Reporting on Health, Process and Production
7. Ability to Predict machine health using ML capabilities
8. Autonomous Mode
   Trigger automatic Enterprise actions like Requesting spares or creating a service Request

Thank you

Contact us for the product demo or for any further information

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