DIPP20272

RDL Technologies Pvt Ltd

MSME Best Product Innovation Award

CII-Best IP Portfolio Award

AIAF Achievers Award

ELEVATE100 Winner IT/BT Gov. of Karnataka

Who we are..

Incorporated on May 16th – 2016

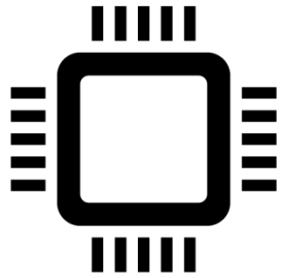
Man Power - 30

Patent
- 201841015125
- 201641033858
- 201941009816
- 201841048617

Industry & Academia
- 2064/CHE/2014
- 1767/CHE/2014

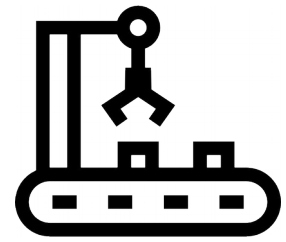
R&D Center/Production Mangalore

Embedded Systems & Design house having expertise in

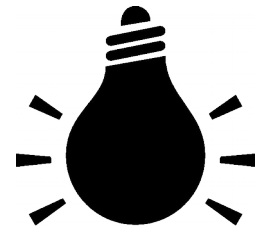


Embedded Systems

Internet of Things



Industrial Automation



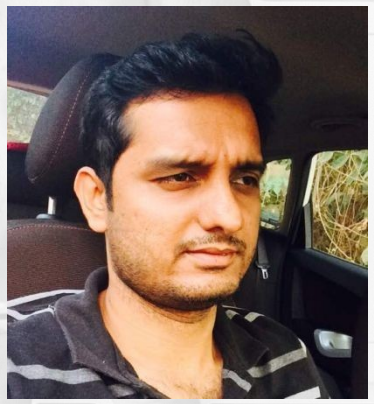
LiFi

Total Integration Company – End to End Solution Provider

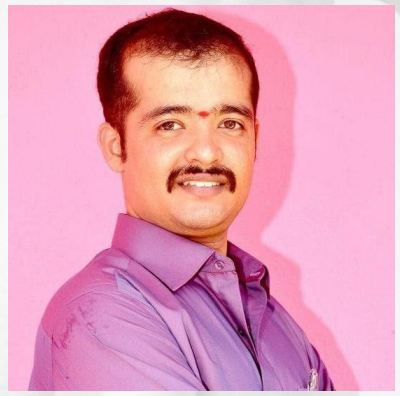
- ✔ **CII Best IP Portfolio Award 2019**
- ✔ **SILICON INDIA – BEST ORIGINAL DESIGN MANUFACTURER AWARD** – 2019
- ✔ **IESA – MAKEATHON** – 2018
- ✔ **BEST PRODUCT INNOVATION AWARD** – MSME – 2018
- ✔ **PITCH ELEVATE WINNER** – 2017

TEAM

Raghavendra G Shetty
Founder Director & CEO
Embedded Architect Designer



Kanwal Karkera
Technical Director



Ganapathi Aithal
Sr Manager - CAD

Pradeep Kumar C, M. Tech
Machine Learning Expert

Dr. Ashwath Rao, PhD (Ext.Consultant)
VLSI Design & Fabrication

Dr. Anush Bekal, PhD (Ext.Consultant)
Micro Electronics & VLSI Design

Sandeep S Pai, MBA
Business Development

Ramachandra Shetty, BE
Project Manager

RDL Products Portfolio

INDUSTRIAL DATALOGGER 4.0

CLOUD PLC 4.0

ACCESS CONTROL SYSTEM

INDINO 4.0

R-LiFi

RDL Products Portfolio

LiFI V2

Vehicle Tracking and Monitoring system -VTMS

Automated Machine Fault Alerting system

Long Range UHF RFID Reader

Datalogger 4G

Digital Checksheet

RDL Shop Floor AI 4.0

RDL Shop Floor AI 4.0 bundled with software and hardware deploying to the industry

- ✔ Process Effectiveness and vulnerabilities
- ✔ Impact of the individual step on the process
- ✔ Online records of audit items
- ✔ Data Analytics/ML enabling continuous evaluation
- ✔ Automatic triggers for escalations
- ✔ Predictive analytics and reducing down time
- ✔ Optimized resources utilization

Industry Operations - Challenges

Accountability

- Audit – Process and Plant
- Accurate issue reporting
- Timely and Authenticity in reporting

Availability

- Resources – Machine, Human
- Usage of consumables, tools,
- Preventive maintenance
- Warranty, guarantee management

Resilience

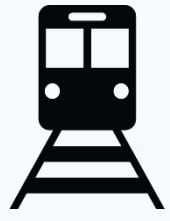
- Issue resolution time
- Alert right person at right time
- Predictive issue detection and resolution

Industries

Airport

Public Places

Hospitals & Health Care Centres



Railways

Defence

Banks

R&D

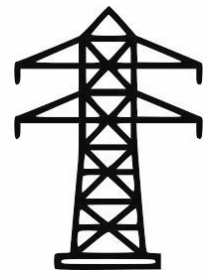
Oil & Gas

Digital Checksheet– Target Industries & Applications

PAPERLESS

Paperless Offices ISO Process

PERIODIC CHECKSHEET



Smart Grid

Water Pump House

AREA & BORDER PATROLLING

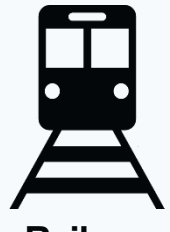
Patrolling

CLEANLINESS CHECKSHEET

Airport

Public Places

Hospitals & Health Care Centres



Railways

SAFETY & SECURITY CHECKSHEET

Defence

Banks

R&D

Oil & Gas

SHOP FLOOR AI SOLUTIO N

Application Layer

ERP Integration

Mobile Alerts

HMI Indications

Data Ingestion Layer

Public / Private
Cloud Analytics

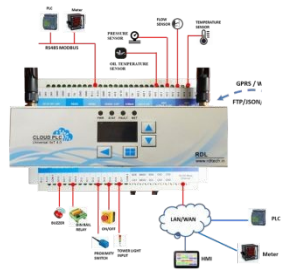
Device Layer

Digital Checklist

- Lubricant leaks
- Residual Cleanliness
- Tool kit availability
- CNC Jaw Misalignment

Automatic Condition Monitoring

- Resources – Machine, Human
- Usage of consumables, tools,
- Preventive maintenance
- Temp, Pressure, Oil Level, Vibration

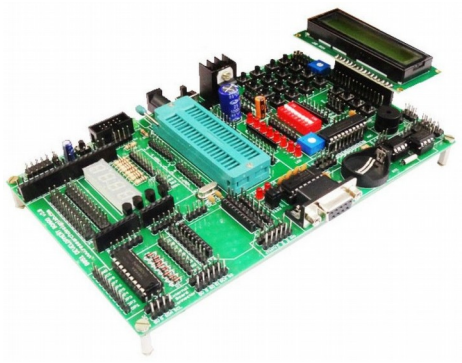


Shop Floor

Human Visual inspection

Sensor based inspection

3 Year Summary of Evolvement in Customized Hardware & Software ,Design & Development



Board Level
FY 2017-18

Product Level
FY 2018-19

Industrial Panel System Design
FY 2019-20

- Devices
- Dashboards

- ✔ Authorized Mobile
- ✔ Secure HMI

Business Model & Strategy

Value Proposition:

- Industry 4.0
- Optimization, Higher Utilization and Productivity
- Predictive performance and lack human error

Strategies

- Sales – Push strategies
- Marketing – Pull strategies
- Social Media Marketing
- Exhibitions
- Other conventional way of promotions

Revenue Model

Revenue Model

- Subscription / Contract period (3-6-12 months)
- AMC
- OEM & ODM services

Customers/Target Segment

- Automotive
- Manufacturing
- Food & Beverages
- Aerospace
- Healthcare
- Logistics
- Retail

Clientele.

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TOYOTA

BOSCH

HONDA

CANARA Lighting

भारत इलेक्ट्रॉनिक्स BHARAT ELECTRONICS

इसरो isro

TEL Turbo Energy Ltd A Unit of TVS Group

ROYAL ENFIELD

ZestIOT TECHNOLOGIES PRIVATE LIMITED

MANIPAL GROUP Generations of faith

Mahindra

LOGICAL WINGS Our Logic, your Wings

NudgeNext Ideate.Innovate.Integrate.

HYSITRON

Ralco Industries Inc. ISO/TS 16949 Registered

RDS Reckitronic Devices and Systems

INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR योगः कर्मसु कौशलम्

BITS Pilani K K Birla Goa Campus

MANGALORE UNIVERSITY

Wavelinx Identify Innovate & Inspire

ARAANTO

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THANK YOU

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