DIVOR
AUTOMATIONS (PVT) LTD

COMPANY PROFILE

Your Partner in Digital Revolution

Young Company
with cutting edge ideas

Revolutionise the local tech industry

Divor Automations Private Limited
is a young company which is built upon introducing cutting edge technology to the industrial sector of Sri Lanka.

Our product portfolio applies to

1. Textile Industry
2. Avionics Industry
3. Biomedical Industry
4. Pharmaceutical Industry
5. Hotel and Construction Industry

Our main focus is to introduce simple cost effective products which is manufactured to industrial standards for our clients. What makes our products special is that they are always fine tuned to the needs of the customer.

ABOUT US

End to End
Comprehensive Solutions

Our Expertise
We are capable in designing

1. Printed Circuit Boards
2. Panel Boards
3. Control Systems
4. HMI and SCADA Systems
5. Mechanical Systems
6. Customized Software Integration
7. IOT Device Manufacturing and IOT Platform Integration

ABOUT US

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Complete
Procurement Solutions

Our Expertise
We are capable in handling

1. Industrial Automation Equipment
2. Sensors and Actuators
3. Development Kits and Modules
4. Panel Boards and Accessories
5. Mechanical Components
6. PCB Accessories

24 x 7 Dedicated Procurement Service

ABOUT US

Industrial AGV
DAV 1.0 (prototype)

- Objective of this project is to automate the traveller process thus enabling smooth flow of materials from line end to finished goods collector with optimized parameters.

- DAV 1.0 will be powered by high end Roboteq equipment from America while the control system would be built in house by Divor Automations.

- Will be able to carry upto 250 kgs per single round

- Automated battery charging stations

- Steerable Drive Motor for extra maneuverability

- Long lasting and reliable sensors (Safety First)

- Cloud connectivity and controllability

- Off site maintenance and firmware updates

PRODUCTS

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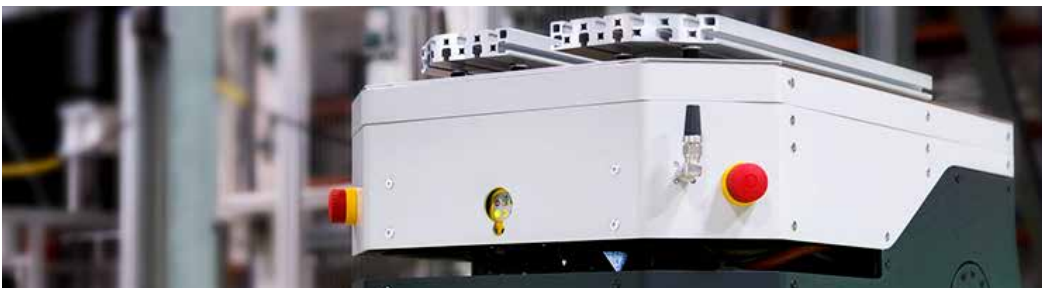
E-KANBAN
Systems

- Intelligent Kanban hardware and software

- Clear display of data using seven segment displays

- Portable input devices for travellers and other users

- WiFi/ RFID connectivity

- Software Integration to track goods and WIP

- Minimise inventory by using intelligent software systems thus reducing paper wastage and improving communication

PRODUCTS

Fabric and Elastic Measuring

- Capable of measuring the length of elastic accurately

- Upto 3 Different Models

- Touch screen and IOT connectivity

- Calibration memory for different elastic types to improve accuracy

IOT Powered Led Dashboards

- This dashboard can be used to display the following REAL TIME data

  1. Efficiency

  2. Actual Output

  3. Incentive

  4. Target Output

  5. AQL Conditions

  6. AUDIT Conditions

  7. Line Number

  8. Style Number

  9. Present Carder

Supermarket Branding Tool

- A compact device that can be placed on shelves of supermarkets to market a specific brand.

- The device detects motion nearby and will actuate the item placed on it along with an audio playback.

PRODUCTS

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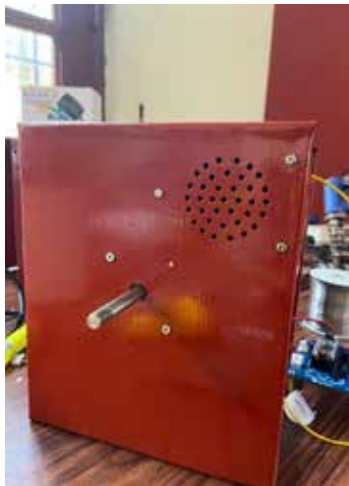
IOT Powered
Training Simulators

- A series of devices designed to train and improve the sewing speed and quality of new recruits in apparel companies.

- Each employee will be logged on to the machines and their performance will be logged and analyzed for future reference.

Glove Friction Measuring Device

- The device identifies very subtle changes in friction which is calculated in levels of tenth of a Newton.

- The machine is plugged into a computer app built using .Net Framework and C# to draw the friction curve of each glove.

- Designed as a requirement for quality control of glove manufacturing.

PRODUCTS

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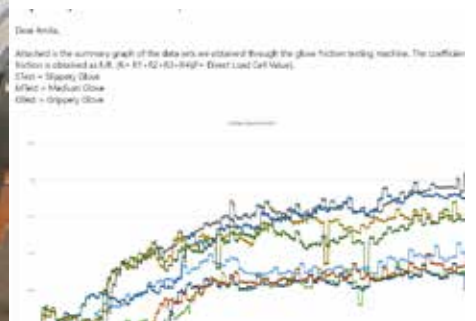
Hydroponics GrowBox

- Hydroponics growbox with an elegant design to capture the attention of plant enthusiasts.

- The box supports automated growing of plants in a controlled environment with more than 20 control elements such as:
  Temperature, Humidity, Water Level, Light Level, Water Temperature, etc.

- The product is marketed online with the intention to capture the global market.


PRODUCTS

Automated Farmer Pay System

- System used to grade the quality of gherkins for the purpose of real time payment of the farmers' harvest.

- This system has been trained by utilizing over thousands of images of gherkins.

- Currently, this system can identify the length of a single gherkin to an accuracy of +/- 3mm.

- The system can also reject curved gherkins.

PRODUCTS

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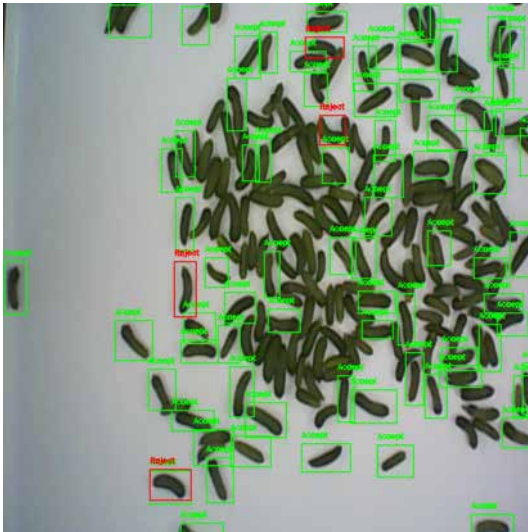
Digital Hobbs Meter

- The Digital Hobbs Meter is an embedded system designed to automatically recognise the engine on time of a training plane.

- The device is used to capture flying hours of both single engine and dual engine training air planes.
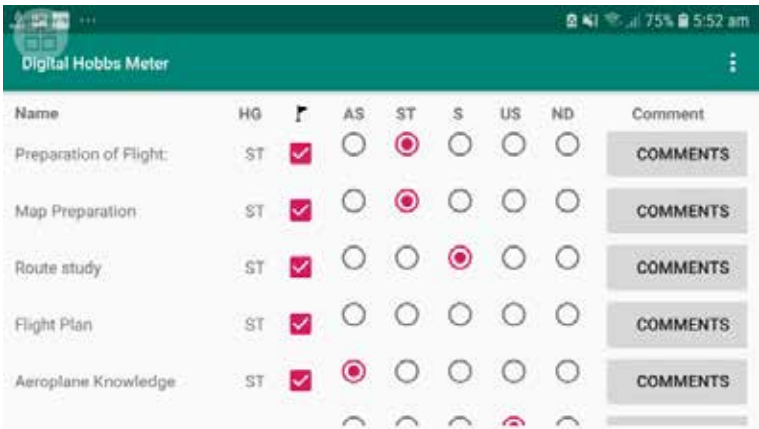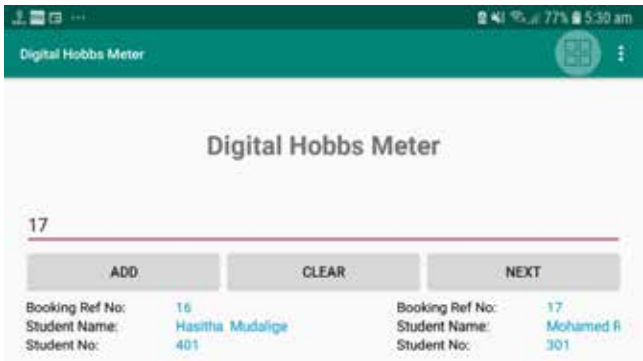
Output Counters
(packing counter)

- IOT powered, integrated sensor network designed to automate the counting of cartons in a production line.
- The system has a Relay out to indicate target completion.
- This Relay out can also be used to stop the conveyor system and sound an alarm.

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Fleet Tracking System

- Miniature module which accurately tracks the movement and track the fuel consumption of the vehicle.

- The electronic design is optimised to enhance the power saving functionality of the device.

- The location and fuel level can be accurately monitored online in real-time.
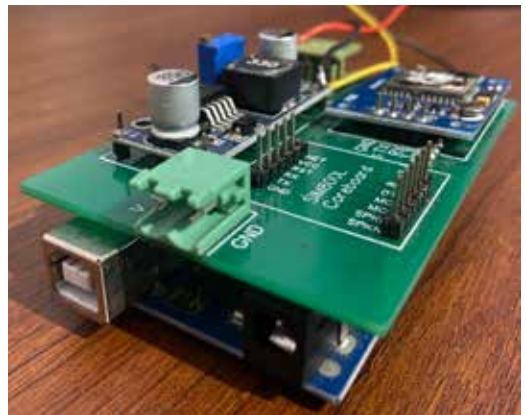
PRODUCTS

Glove Condition Monitoring

- This System-On-Chip (SoC) solution device is designed to wirelessly monitor temperature, orientation, humidity, battery life and the operational phase of a glove mold while running on a 1km production line in REAL TIME.

- This system uses active Radio-Frequency (RF) to transmit data within an industrial production environment which can heat upto 150 C.

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IOT Conversion of
Patient Monitoring Systems

- This system has been developed to enable real time monitoring of traditional patient monitoring systems.

- The system can generate customized report to indicate the time and condition of which any medication is given to a patient.

- This helps to keep track of the patient's vitals against medication

- Further development of this system is to gather necessary data to implement an AI system to predict critical conditions from past occurrences.

PRODUCTS

Automated
Tag Gun Machines

- This device is capable of automatically loading the label or labels of fabric clothing seamlessly.

- The automated tagging will only commence after sensing the correct placement of the garment while keeping hands away from the needle arrangement.

PRODUCTS

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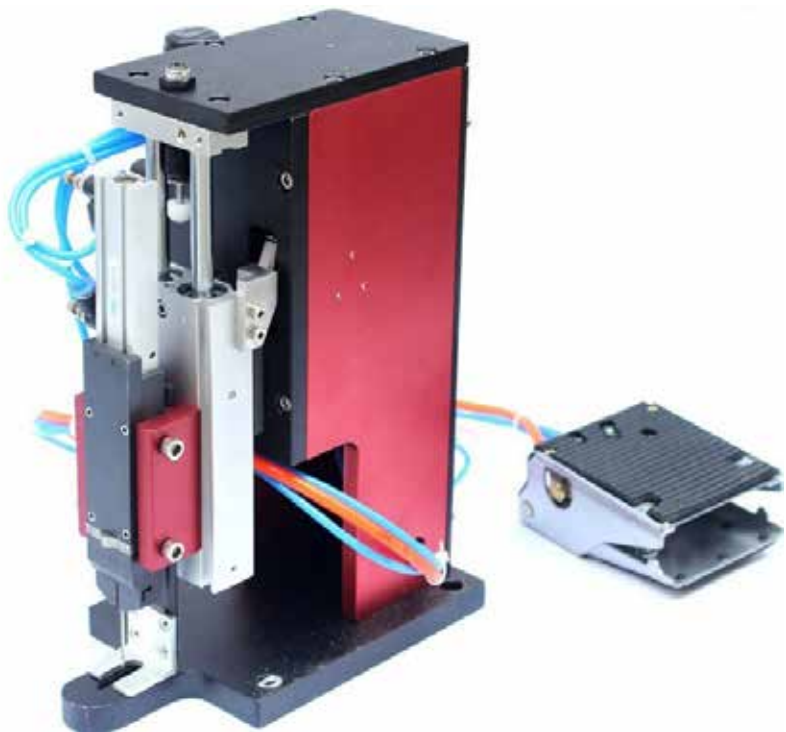
PCB Designing and Manufacturing
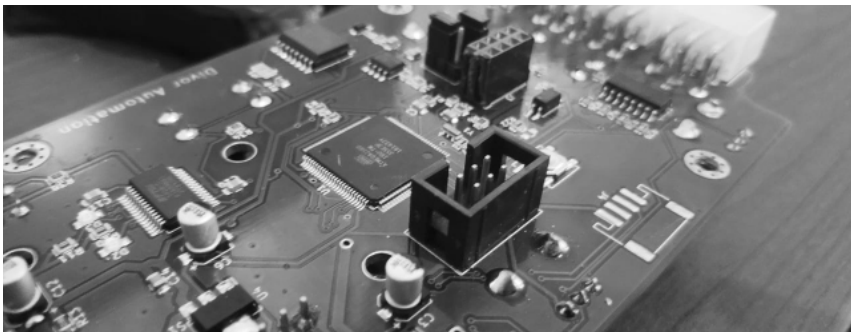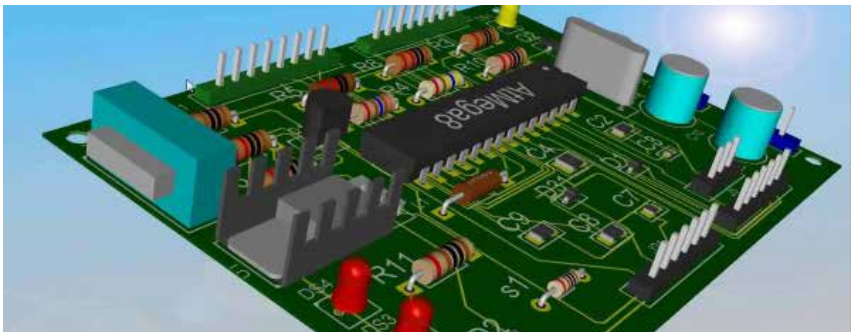
Micro Controller Programming

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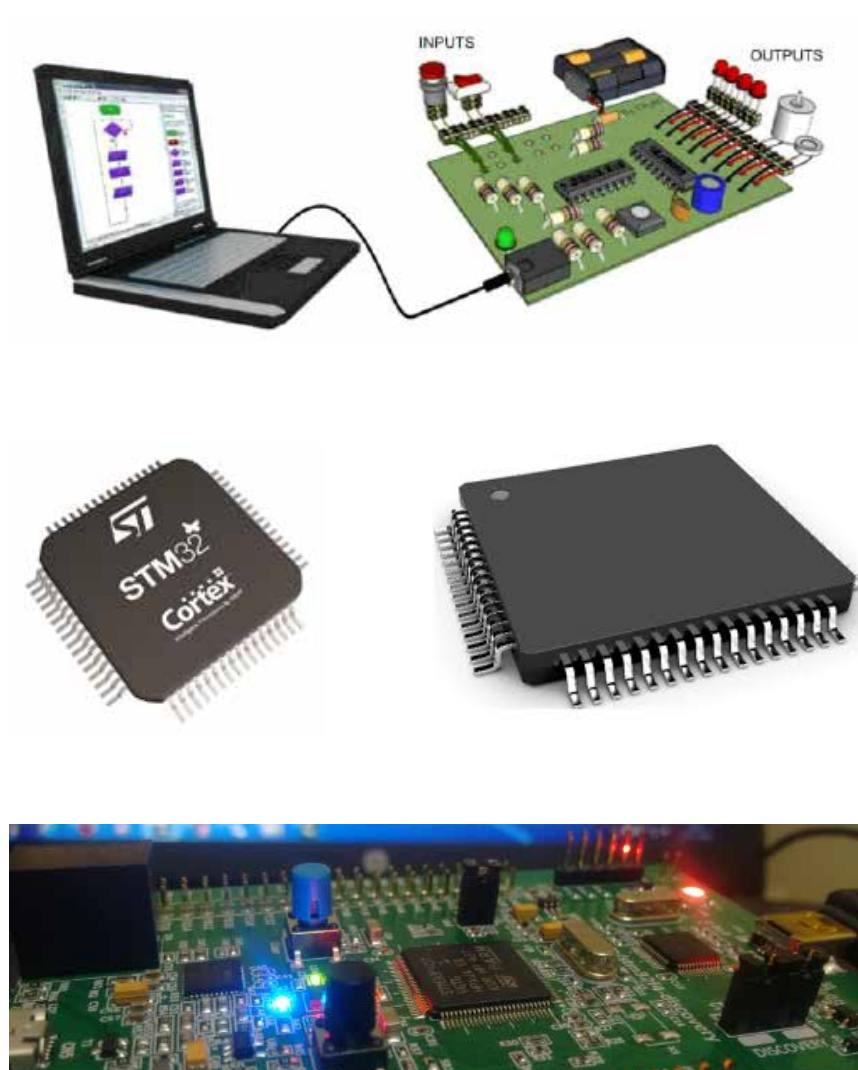
Panel Board Assembly and PLC Programming
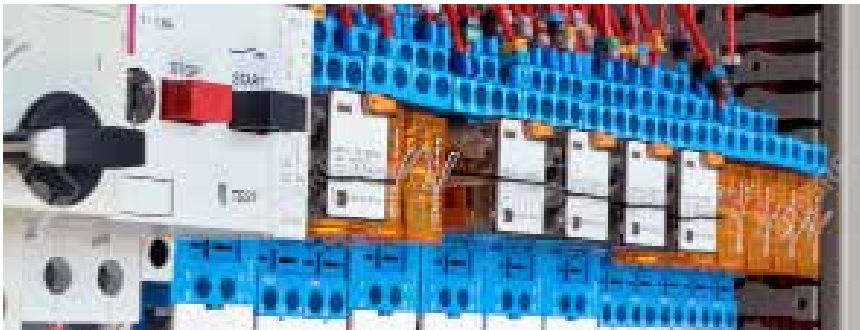
Manufacturing and
Assembly of Electronic Devices

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Laser Cutting & Engraving

Mechanical fabrications

Home Automation & BMS

- Current BMS systems are very expensive in the market. We at Divor Automation are capable of designing and implementing customized BMS systems that suit the requirements of the client.

- Large scale BMS systems are expensive due to its flexibility and capability to accept many functions. BMS systems designed by Divor Automations will be very specific to the client requirement making it less expensive as well as more efficient. BMS systems can be of
    1. Ambient light control
    2. HVAC systems
    3. Door Access Control and Monitor
    4. Security Systems
    5. Sunlight control for rooms

- These are just a few examples of what our BMS systems are capable of handling. The BMS will also be hosted on the cloud enabling easy yet secure access to our clients.

SMART HOME

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Divor School of Tech

Institute to teach and certify engineers, technicians and school students on tech usage and research. Planning to include courses in

- PLC and HMI
- Arm Processors and TI Processors
- IOT Platforms and Embedded Systems

DIVOR TECH SCHOOL

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Awards

E -Swabhimani 2020
Inclusion & Empowerment -Winner

National ICT Awards (NBQSA) 2020
Startup of the Year -Merit Award

SLT ZERO ONE AWARDS 2020
Best Use of Mobile -1st Runner -up

SLT ZERO ONE AWARDS 2020
Best Community Empowerment Programme -1st Runner-up

AWARDS

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Our main tech suppliers and integrators

SIEMENS

XINJE
www.xinje.pl

CHELIC.

TouchWin

SMC.

STI
life.augmented

Schneider Electric

OMRON

AirTAC

FESTO

E·MC

ARDUINO

NACHi

SKF

FAG

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LCSC

ARROW ELECTRONICS

ARM. POWERED

TEXAS INSTRUMENTS

TOS LANKA

EFutureTech
"Possibilities Re-imagined"

RS Components

Digi-Key ELECTRONICS

PARTNERS

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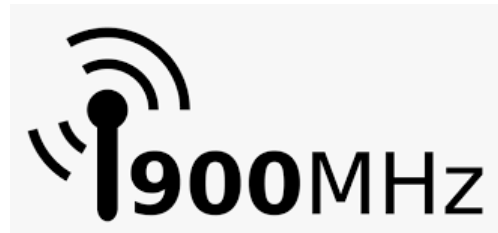
Technologies

Empowering
Our Clients

DIVOR
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