

DEKTEK

PREMIUM EUROPEAN AUTOMATION



Dektek is steered through MM Interra

which is more than a decade old organisation dealing into end-to-end automation of homes, offices, retail, hotels, apartments, institutions, airports and hospitals.

With presence across both India as well as US, it was one of the first mover in India in the field of Automation. Today, with 1000+ installations all across India, Miles Magic is at the front end of automation industry.

We are an Artificial Intelligence based automation solution company. Smartness

and functionality serve as our main pillars of operation. We primarily focus on control of various elements in a facility with a software based platform. DEKTEK has more than 200 support partners across India. It is our strength, that the service network across the country which has led to an impeccable customer service and thus loyal clientele.

Our focus is on different the verticals of facilities like energy, security etc.



ABOUT US



DEKTEK AND INTERRA SHAKE HANDS TO PROVIDE THE MOST EFFICIENT AND ELEGANT AUTOMATION SOLUTIONS.

Interra is a company that develops both software and hardware with its R&D teams experienced in the field of automation. By aiming each product to primarily comply with high-quality standards, the company uses the highest quality components. With this vision, Interra is a leader in the primary local and environmental markets, and is one of the important players in the global arena. Each Interra product is designed to be unique. None of the products in the product palette are ordinary. They have features in their details that make them unique.

This is the basic philosophical approach of Interra. It is a great mission in which great experiences are mixed with product parameters such as touch panel, i-switch, combo etc., and form and design. Interra has provided the most needed solutions with the products it produces. Be it a residence or a commercial building, you can provide the most optimal solution with Interra.

WHAT IS INTERRA

SUSTAINABILITY

OUR VISION

In the future, Interra aims to develop sustainable solutions with quality products and dynamic and flexible products that customers can always use.

Building designers never use to mention about energy saving in buildings much; however, today it is prominent among the issues that need to be considered important and taken seriously throughout the world.

Interra engineers are developing new systems, they develop their product visions in a way that is respectful to eco-environment, and according to regulations determined by global standards.

Interra develops integrated solutions for international systems such as KNX, IoT, Bacnet, and Modbus in all of its projects. Thus, without having to be bound by time, it finds a market area in many regions of the world, especially in Europe, with its sustainable solutions.

RESIDENCE SOLUTIONS



CONCIERGE AND RESIDENCE SERVICES



AUTOMATION SYSTEM CONTROL



MOBILE SOLUTIONS



CAMERA VIEWING, ALARM, SECURITY



AFTER SALES / SERVICE



AESTHETICS



SIP VIDEO INTERCOM

HOTEL SOLUTIONS VIA INTERRA'S AUTOMATION CONTROLS

Efficiency Monitoring and Control

Our main goals are to make your residents feel that they are in a special place and also to offer technology and ease of use together in our room solutions.

All room automation system control by residents is handled innovatively by Interra. The requests can be applied instantly via both on mobile

devices and next-generation touch panels in the room.

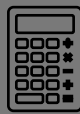
The fact that the room manages itself to ensure economy and comfort is the basic feature of the system. For this, software, hardware and central (Hotel room management software - IS Server) applications in Interra are preferred by many world brands.



ROOM
DESIGNS



COMFORT &
TECHNOLOGY



KNX & EIO
GRMS



EASY TO USE



ACCESSIBLE
INTERFACE

FEATURES OF SOLUTIONS

HOTEL



LIGHTING

**CONTROLLED
CONSUMPTION**

**TEMPERATURE
CONTROL**

**FAVOURABLE WORK
ENVIRONMENT**

WE REPRESENT THE

engineering of our country and **INTERRA** qualities in domestic and foreign markets with special projects such as commercial, public projects, university, high-security facilities and so on. Our solutions, that can manage themselves, reduce energy and maintenance costs, offer many advantages in office and public integrations.

Using the Building Automation System has become a necessity for a healthy and economical communication in buildings where the technical systems are scattered. Mechanical and electrical systems in a building make up a considerable part of the total cost of the building. These systems provide services such as heating, cooling, air conditioning, lighting, (elevators, escalators etc.). Operating and maintaining these systems require much more than the other services in the building. This is why building owners and managers have to find control methods that will enable these systems to operate more effectively and efficiently. This is more important in large and widespread settlements such as head offices, airports, hospitals, universities, and factories.

SOLUTIONS



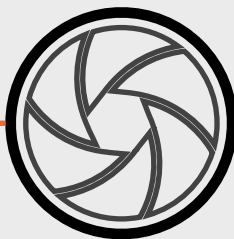
COMMERCIAL

VILLA

& SPECIAL SOLUTIONS

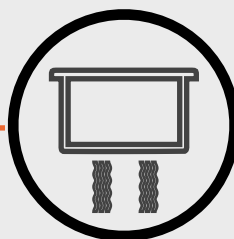
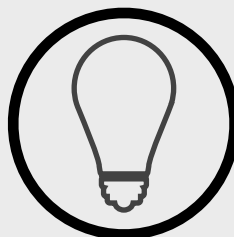
LIGHTING

- Anywhere lighting control with dimmer.
- With presence detectors, lighting control and energy saving are ensured
- Possibility of turning on the desired lighting the sun goes down, and to turn off when the sun is up,
- Timer and Logic features provide the correct timing to prevent user errors and allow energy saving with logical controls.



SHUTTER & CURTAINS

- Possibility to open and close all the curtains from anywhere in the house.
- The light sensor automatically adjusts the position of the curtains–shutters according to the detected light level.
- The desired lighting can be switched on when it gets dark or turned off when the sun is up



AIR CONDITIONING

- Set the desired temperature value via intelligent switches and you can determine usage limits for rooms.
- For all air conditioning and Fan-coil systems, you may control a single room or all of the house
- You can switch on and off remotely while you are away from home
- If there is no one in the room standby temperature level is activated.

SECURITY

- Motion detector protection in different areas
- Protection with fire, gas, and smoke detectors
- Interfering with water leakage with flood sensors
- It is possible to set and disable alarms via the touch panel



CENTRAL NERVE CENTRE

Dektek CNC is an integrated platform assimilating many different technologies. The purpose is to give wholistic control of facility in a very smart and efficient way for the following, but not limited to, verticals.



SECURITY



ELECTRONIC APPLIANCES



ENERGY MANAGEMENT



VEHICULAR MANAGEMENT



MARKETING MANAGEMENT



STOCK MANAGEMENT



HYGIENE MANAGEMENT



CROWD MANAGEMENT

HOSPITALITY



GOVERNMENT



OFFICE



EDUCATION



HOMES



HOSPITALS



INDUSTRY



DATA
CENTRES

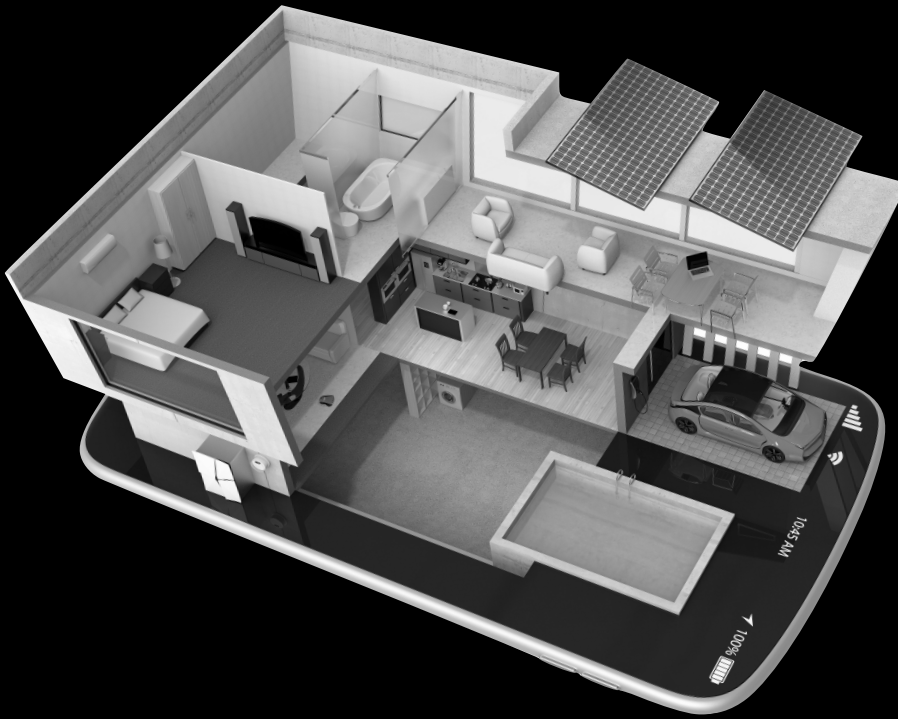


We provide complete solutions for Artificial Intelligence based automation. Our team is equipped and holds expertise for project implementation for the

SECTORS

THAT WE SERVE

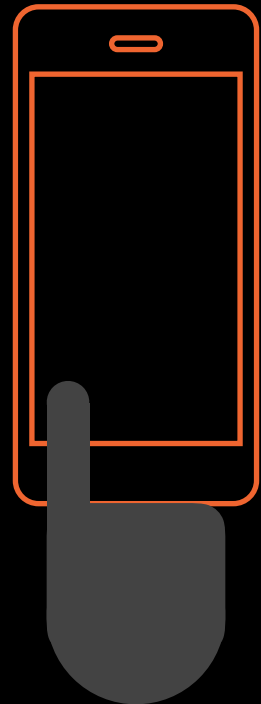
INTERFACE



The snapshot of the entire automated building would be on your phone through our application. You will be able to view it as whole as well the individual rooms and controls. Through your phone/tablet, you'll be able to control everything that is automated through Dektek. Our team will build an interface for your space specifically.

You will also be able to view, at each point, as to what the current settings are.

Apart from the touch control, voice controls and commands can also be integrated with Alexa and likewise. You can also customise the gesture controls on your device for specific commands.



MANAGEMENT VEHICULAR

Automated Parking Management System helps in controlling flow of cars and ensuring maximum utilisation of the parking space . Further movement of all the cars can be detected and tracked at any given point of time. The

probability of human error is nullified. One card that is issued for parking can be used everywhere for making payments via integrated payment gateway.



You'll be able to track the trucks/other vehicles at any time of the day.



Driver identification rules out the possibility of the entry of unauthorised third parties. Also enables license plate verification, speeding detection and other traffic violation detections



It'll be easier to track the fuelling and preventive emergency stoppage. Simultaneously, the reports and analysis would be stored and displayed on your dashboard.



With vehicular management, keeping a track of the parking premises will become more convenient.



NATURAL RESOURCE UTILISATION VIA DEKTEK'S CENTRAL NERVE CENTRE (CNC)

Energy Monitoring and Control

is one of the biggest advantages of smart automation. This monitoring/control has following advantages :

- Reduced electricity wastage and bill
- Reduced wastage of water and related costs

- Using free & abundant natural resources like natural light and geo-climatic conditions.

In addition to the energy-efficient operation of the buildings, it contributes significantly to the improvement of building physics/building envelope and building systems (heating, cooling, etc.).



WATER
FLOW



DAYLIGHT
HARVESTING



TEMPERATURE
CONTROL



OCCUPANCY
SENSOR



MOTION
SENSOR

Set elegant lighting scenes to match your lifestyle, Lighting control can enhance the enjoyment and value of your home and contribute to savings on your energy bill. Dektek lighting control can even be

retrofitted into existing homes without adding new wiring. You can also combine various controls with a single control and minimise the effort to be put in for each action.

P

Power can be customised as per our needs

O

Other electronics appliances linked with the panel can also be automated

W

Without any human interference

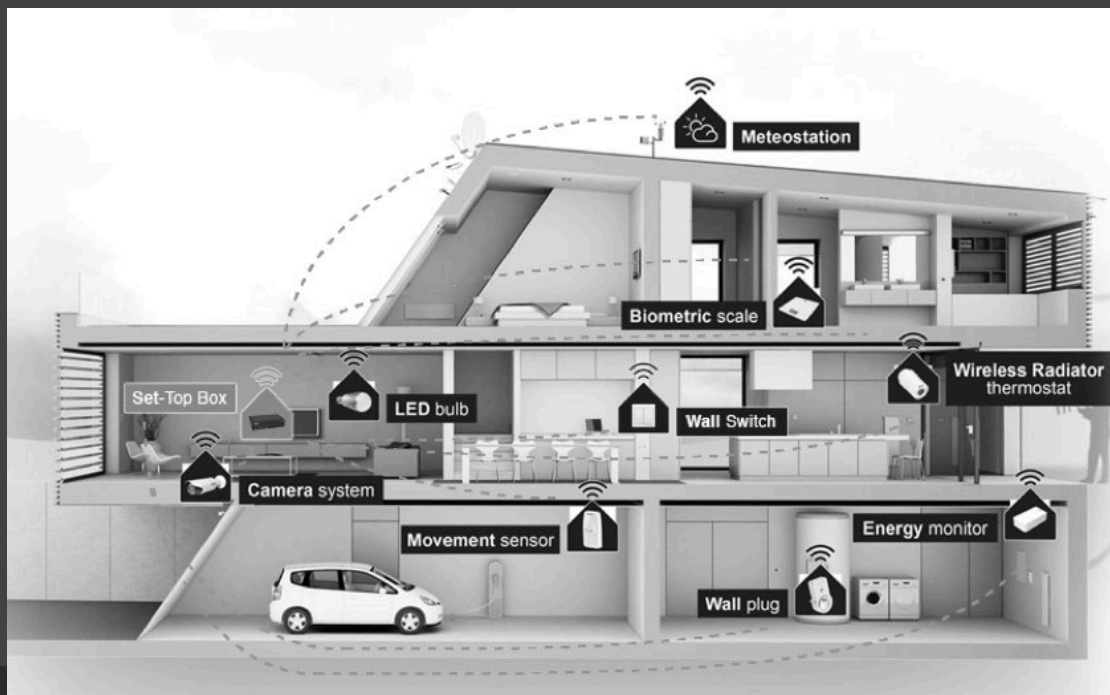
E

Energy and cost efficient

R

Reporting and analysis via artificial intelligence

**OF
INTERNAL
SENSORS
WITH GEO-
CLIMATIC
CONDITIONS**



INTERGRATION

All Cameras as well as Doors can be controlled via our system application. In case of any breach in security an alert will be raised on all the connected devices as well as a message can be sent to any nearby authorities, as desired. With this feature, you can be assured about the security even while you are not physically present. The ability to customise the controls and access is an added benefit.



Access can be moderated through the controlled access system. It helps in blocking off certain areas for third parties.



Linking of smoke detectors through a fire alarm panel to our security system which will identify the area where smoke/fire has taken place specific information will be given to the required personnel



It becomes easier to track live location of individuals via RFID tagging. The staff members are easier to reach out in case of any emergency/issue/security breach. Facial recognition technology and RFID would make sure that there is no trespassing.



Door alarms make sure that there are no forced entries. In case of a breach, live alerts are sent to the registered mobile numbers.



HYGIENE

MANAGEMENT

HYGIENE MANAGEMENT



- Automated Analysis of Whole System.
- AI Based Monitoring System: Security (Access Control) + Surveillance + Fire.
- Comprehensive Reporting.
- Scoring of Kitchen Staff in respect of their Performance Standards;
- Anomalies Based: Red/Green/Yellow Marking of each individual activity.
- Synchronisation of Complete data in single report: Daily/Weekly/Monthly.
- Daily Stock/Inventory Reports.
- Automated Energy Management for Entire Cooking Facility.
- Efficient lighting usage: Proper Lux Levels.
- Adequate water consumption: Automatic control of water meters / motors.
- Generic sensors for controlling apparatus for bacteria / virus free atmosphere.

**CCTV based
detection
parameters**

**RFID technology
inventory
software**

**Stock
management,
uniform
detection and
hygiene check
levels**

**AI based
reporting and
analysis**

**COST EFFICIENT****MOTORISED
CONTROLS****EFFICIENT USE OF
ARTIFICIAL
INTELLIGENCE****CUSTOMISATION****WITH THE AUTOMATED**

electronic appliances, there are two fold benefits. Apart from being able to integrate the mood settings in one touch, all your appliances would become bill friendly. The energy sensors couple very well with the appliances. It takes care of the controls

such as HVAC, audio/video and other equipment which can be motorised. This integration brings the best of artificial intelligence forward by adjusting the settings according to your comfort with a single click.

APPLIANCES**ELECTRONIC**



Heating, Ventilation and Air Conditioning (HVAC) solutions include temperature and humidity control. It gives the flexibility to control through internet and increase the efficiency.



Dektek provides a stand alone solution for audio and visual settings. It brings together all the major and minor controls at one place to provide for the best home theatre experience.

Programmed curtains in such a manner that they understand your moods and feelings. Press a button on the remote control and your curtains glide quietly from side to side – and stop wherever you want them to.

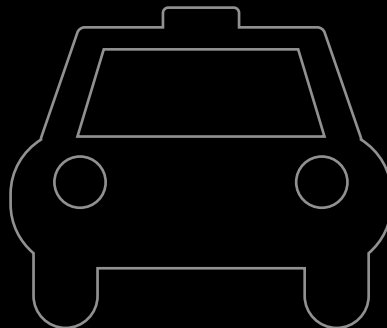


SMART HOARDING MANAGEMENT SYSTEM

With the AI based cameras installed in the hoarding panels, it becomes very easy to track the reach of the ads placed. Vehicle counting counts the vehicles crossing a virtual line in a specific lane, integrated with advanced Auto Report E-mailer for Text, Graphical Reports. People counting gives approximate count of the crowd in an area. Gives crowd information either

in terms of no. of people or percentage of area occupied. It also includes data about the counterflow and the optimum threshold of the crowd which helps in customising the ads accordingly.

The different types of solutions here depend upon the size of the hoarding because of subjective use of lenses and camera IR.



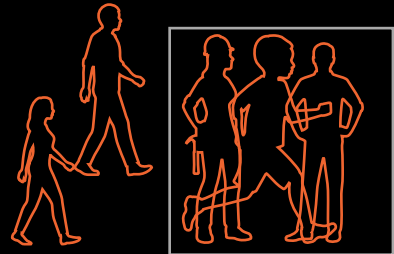
CROWD

CROWD MANAGEMENT



1. Differentiation between men and women in a crowd

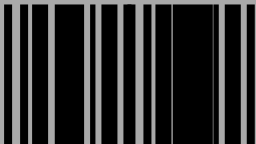
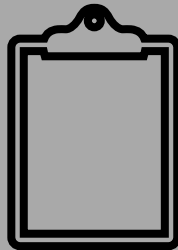
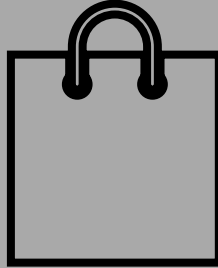
2. Highlighting a crowd formation in a particular area



3. Head count of the number of people



MANAGEMENT



- According to the Purchase order, the name of the vendor, quantity etc. will be entered in the software.

- The purchase order will then be sent to the vendor from our end.

- As the items arrive at the factory Invoice would be generated against the Purchase Order.

- Barcodes will be generated for all the items arrived. There are separate solutions from items which cannot be barcoded, like handling through menu.

ANALYSIS TRACKING

WITH STOCK MANAGEMENT

automation, you can be at ease with the calculations and the possibility of human error. It'll be more convenient to leave aside double checks on everything. The data for all the finished goods would be on your computer along with barcode generation of the inventory. For the items which cannot be barcoded, a menu card would be generated with the respective barcodes. Strikingly reduced chances of theft due to RFID tracking and

stocking will also reduce the dependancy on the human resources. Tracking, right from the purchase of raw material till the sales would be done automatically. Alerts for minimum quantity reach and location wise inventory, along with accurate reporting and analysis can also be integrated into the system. All the statistical constants would be produced automatically for better analysis.

STOCK TRACKING



STORAGE TRACKING



INVENTORY CONTROL



FINISHED GOODS



RFID TRACKING



STOCKING



PARTNERS

With Miles Magic as the exclusive partner, Dektek has partnered with the leading automation brands from all over the world. Our products, such as the front end switches and other smart technology like the mirror tv is provided directly by these brands.

Here's a glance into our partner brands:

- Fontini
- URC
- City Grow
- Luxom
- Interra
- Vivimat
- CJC
- Teleco
- Global Cache
- Ace

You can come experience all of this, first handedly, at our Experience Studio. Located in the heart of South Delhi, our studio provides a glimpse of what your space would look like post our services.

COME

EXPERIENCE EUROPEAN AUTOMATION AT OUR STUDIO



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