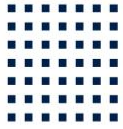


# IOT

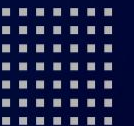
DEVELOPMENT  
COMPANY

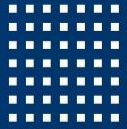




WITH INNOVATIVE, \_\_\_\_\_  
**AND CONNECTED IOT SOLUTIONS,**  
\_\_\_\_\_ WE CHANGE BUSINESSES GROWTH

The Internet of Things (IoT) is an idea from the future: connecting devices to a computer network to make them "intelligent" and interlinked. These connections allow us to collect and exchange data, control devices or set a device's rules of action remotely. IoT makes life easier for humans in their daily activities.





# OUR FULL-STACK IOT SERVICES



IoT Support & Implementation

IoT Gateway Development

Sensor Connectivity

Hi-End IoT Solution With Rich Architecture

Connectivity With Wearable Devices

App Security Consulting

Voice Enabled Technology Solutions

IoT Cloud Platforms

# IOT MAINTENANCE SERVICES



## RESULT-ORIENTED IOT DEVELOPMENT SERVICES FOR ALL INDUSTRIES

Beat your opponents with a feature-rich IoT-based application and improve your business ROI 2x times faster. KrishnaPadam IT Solution serves all industries with top-notch IoT development solutions.

# LOGISTICS

We develop IoT-enabled apps that enable real-time fleet management and greater transportation efficiency for the logistics industry.



Vehicle Parts Monitoring



Security, surveillance, and safety



Real-time Monitoring



# FOOD AND BEVERAGE

Our IoT development services help monitor the stages of food production and the state of food products, provide real-time information, and take necessary steps to reduce food waste.



Betterment of Food Safety



Distinct Supply Chain Process



Efficient Logistics Performance



Saving Energy Consumption

# CONSTRUCTION

As IoT in the construction industry becomes more widely available, they significantly influence how the industry pivots. Applications of IoT in Construction:



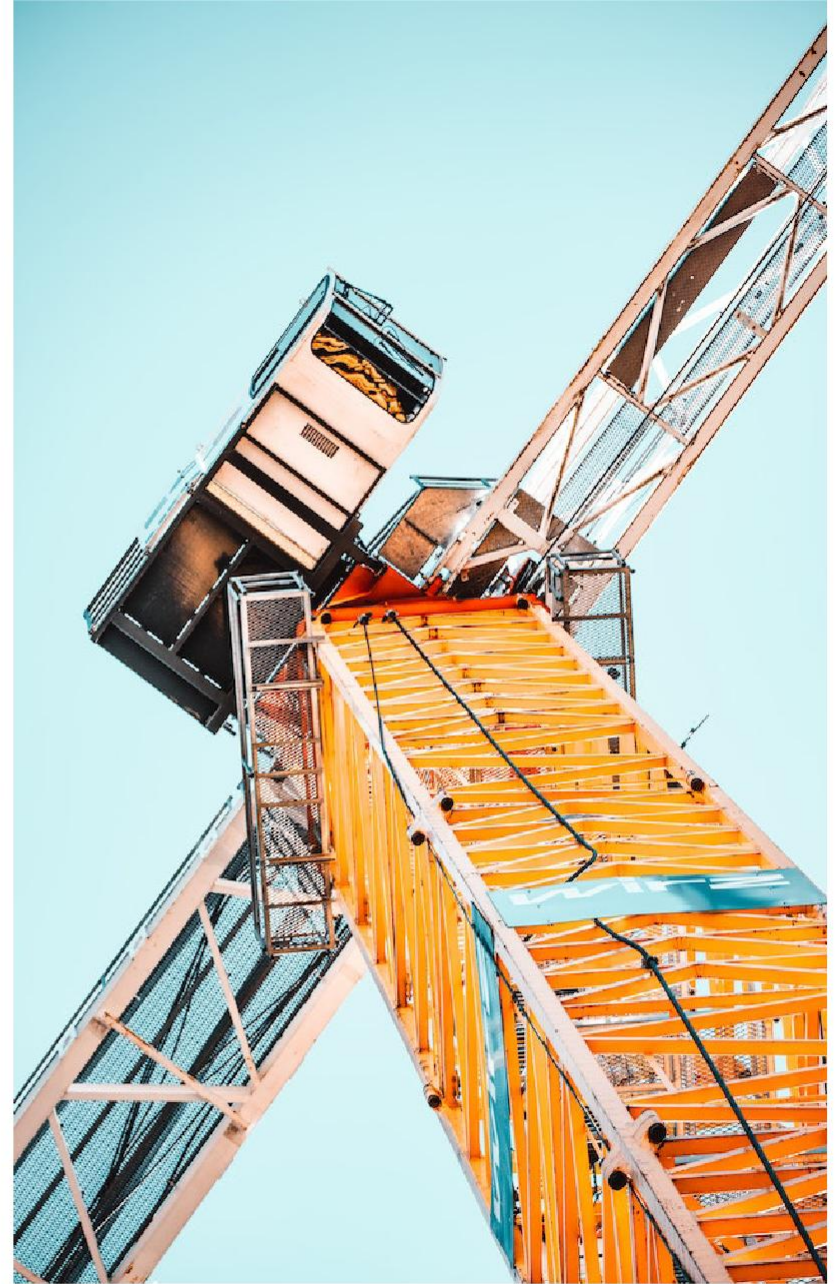
Sensors



Maintenance  
Systems



Real-Time  
Site Map



# SMART HOME & WORKPLACE

We provide IoT development services for smart homes & workplaces that directly transform our lifestyles.



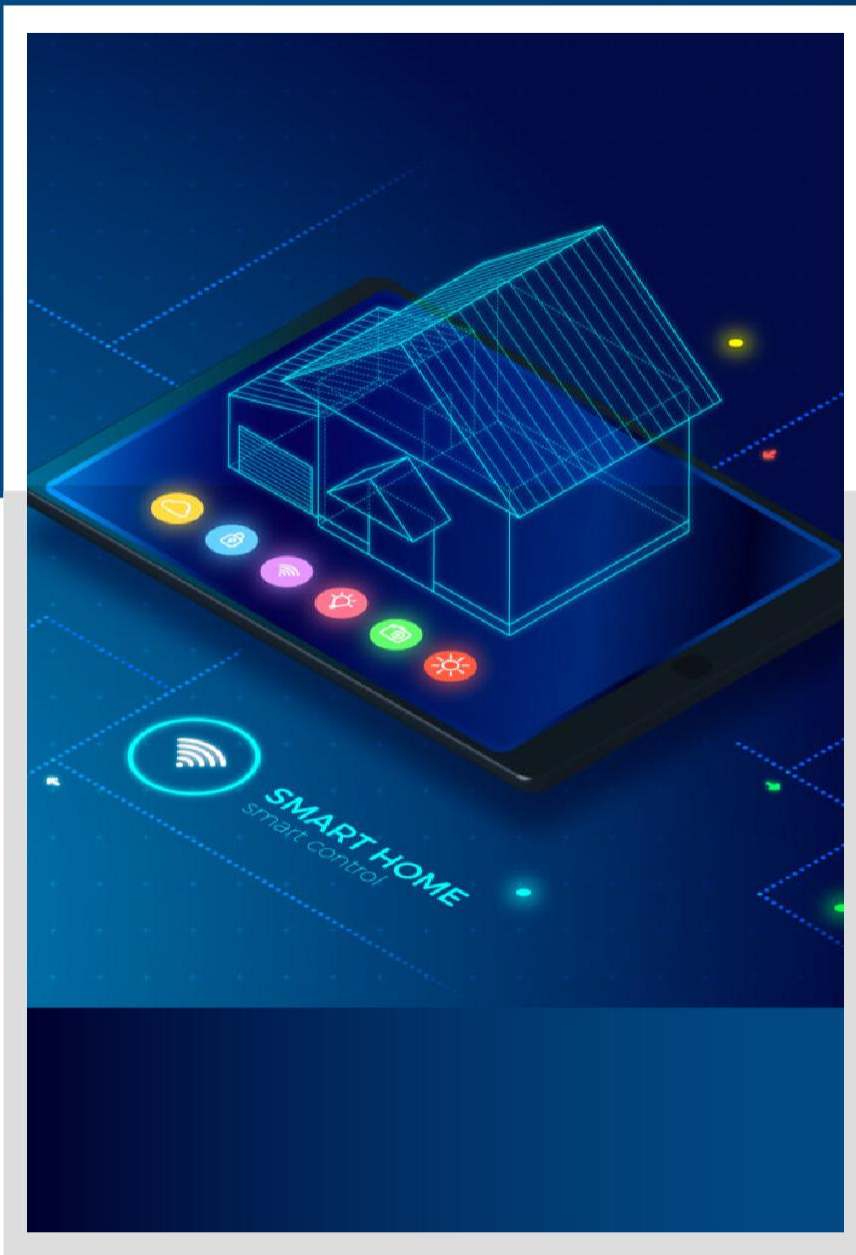
Controlling  
home access



Managing home  
appliances



Measuring home  
conditions





# HEALTHCARE IOT SOLUTIONS

We offer IoT application development services for the healthcare industry that allow remote Monitoring, deliver better patient care, and capture patients' vitals via IoT devices.



Simultaneous reporting and Monitoring



Data assortment and analysis



Tracking and alerts



# RETAIL

We develop IoT applications for retail companies that help analyze customer behavior, provide a better in-store shopping experience and boost revenue.



Improving the customer experience



Better inventory traceability



Improving the in-store experience

# AGRICULTURE

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We build IoT systems for monitoring crops and field conditions in real time.



Monitoring of climate conditions





## HOW DOES IOT (INTERNET OF THINGS) WORK?

### Technology that Connects Humans

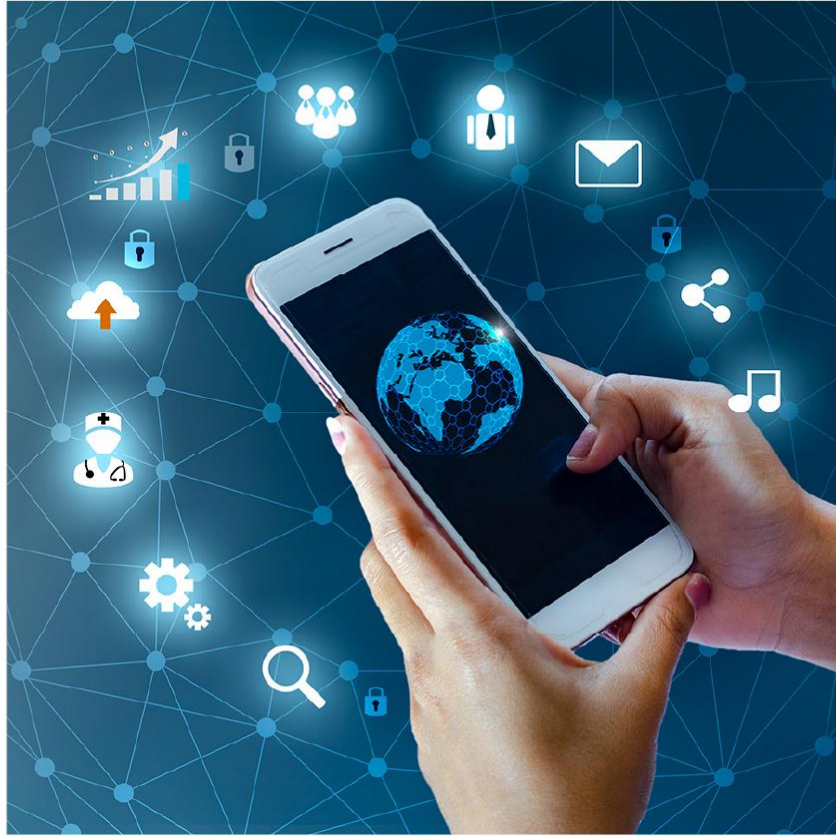
Connected devices are now far more than consumer products for smart homes. Although growing user adoption is certainly a good sign for the Internet of Things, what's equally exciting is how it impacts companies across industries. Nowadays, IoT mobile app development has become popular for the many benefits it offers. Learn more about IoT development, possible applications, and services available for your company.



# MOBILE DEVICE MANAGEMENT SYSTEM

Our easy-to-use Mobile Device Management System allows you to manage and monitor all your devices from a single dashboard, giving you complete control over your mobile device fleet. It lets you manage smartphones, tablets, laptops, desktops, TVs, rugged devices, and multiple operating systems such as Android, iOS, iPadOS, tvOS, macOS, Windows, and Chrome OS.





# OUR MDM SOFTWARE DEVELOPMENT SERVICES



App Management



Data Management



Zero-Touch Deployment



UEM



Mobile Security



Inventory Management

# FEATURES OF MOBILE DEVICE MANAGEMENT (MDM) SOFTWARE

Our Mobile Device Management Solutions enable you to monitor, manage and secure your employees' mobile devices used for work. Following are our key offerings for Mobile Device Management.



Device identification



Device configuration



Device activity tracking



Centralized Dashboard



Email Protection



Geo-location Tagging



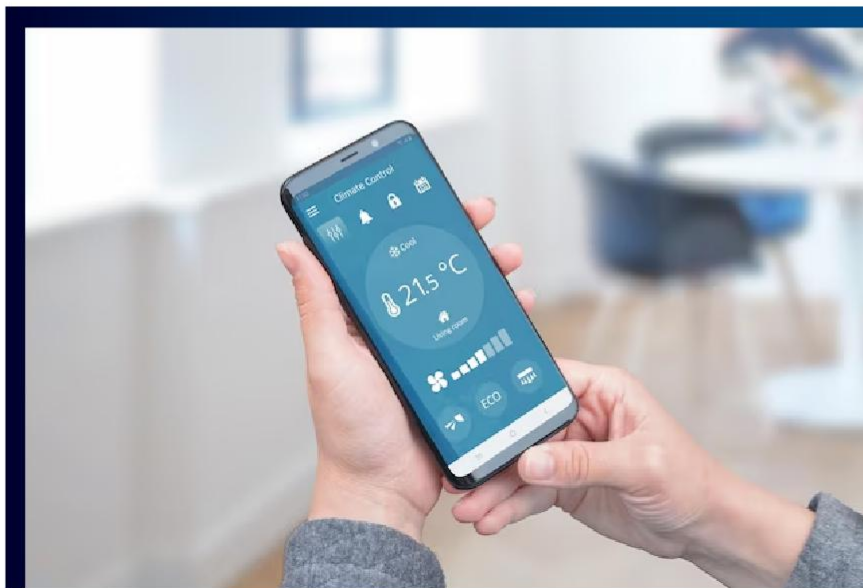
Data security



Remote security actions

# AIR QUALITY DEVICE

Our IoT-based Air Quality Device is an ideal solution that can provide real-time data and insights about the air quality in a particular area. This IoT-based air pollution monitoring system comprises several hardware and software components that collect and process data.



## FEATURES

1

Sensors that detect temperature, humidity, and particles

2

The information provided through the app

3

History data can see by numbers and graphs

4

The app gives alerts for pollution

5

Continue monitoring the environment of spaces



# MHOOTER (EMERGENCY ASSISTANCE DEVICE)

mHooter is a mobile app designed to fulfill the security needs of common citizens of Indian societies. Our innovation is based on the smart city concept, which gives you the option of safe and smart living. It combines a mobile app and an electronic device based on the most advanced Internet of Things technology. It gives you safety with a Single Tap on your mobile.

## FEATURES

World's first community policing app.

1

Easy to use technology (a single tap on an emergency button for 5 sec).

2

Whole community at your help.

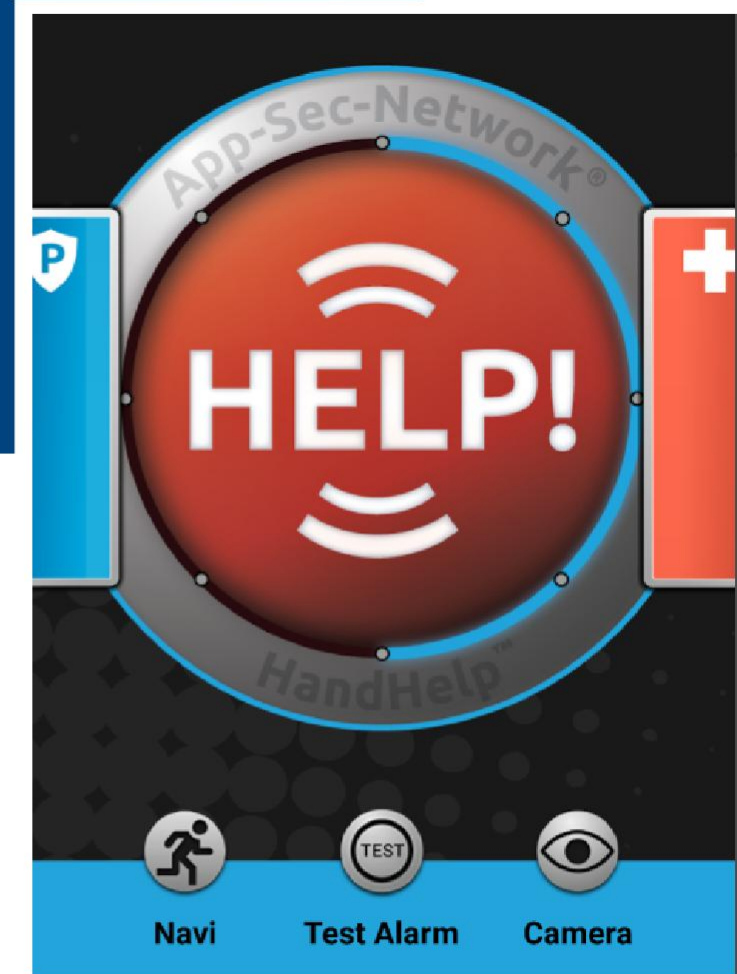
4

Instant notification to SOS (friends, family & relatives) contacts.

3

Instant assistance from police in case of theft/ burglary, ambulance in case of medical issues, and firebrigade in case of fire.

5



# MLATCH (ACCESS CONTROL DEVICE)

mLatch is made to protect the doors and windows of your premises from intrusion. It is built to mount on any window or door of your premises easily. Get a notification on any mobile phone instantly before getting burglars into your home.

## FEATURES

Indoor wayfinding



Secure access control



Convenient interaction



Instant confirmation



No physical ID



Can make changes to the lock password simply by editing or deleting requests.



# AWS (AUTOMATIC WEATHER STATION)

This application helps to measure and gather atmospheric conditions like air temperature, humidity, moisturizer, light intensity, rainfall, ultraviolet (UV) radiations, barometric pressure, solar radiation, wind speed and direction, cloud height, and other abnormal conditions.



## FEATURES



It gives high accuracy and reliability for weather monitoring and climate change.



It uses renewable energy sources like solar panels for charging the connected battery.



Through the web, it accesses real-time weather information and data.



Low maintenance is required for end users.



It can store data and provide it to the users as required.



# THE SCOPE OF INTERNET OF THINGS (IOT) DEVELOPMENT SERVICES

# IOT SOLUTION CONSULTING

IoT solution development project planning.

06

01

IoT solution prototyping.

02

Selection of fitting hardware (sensors, GPS tags, RFID tags (active and passive), RFID antennas, RFID readers)

05

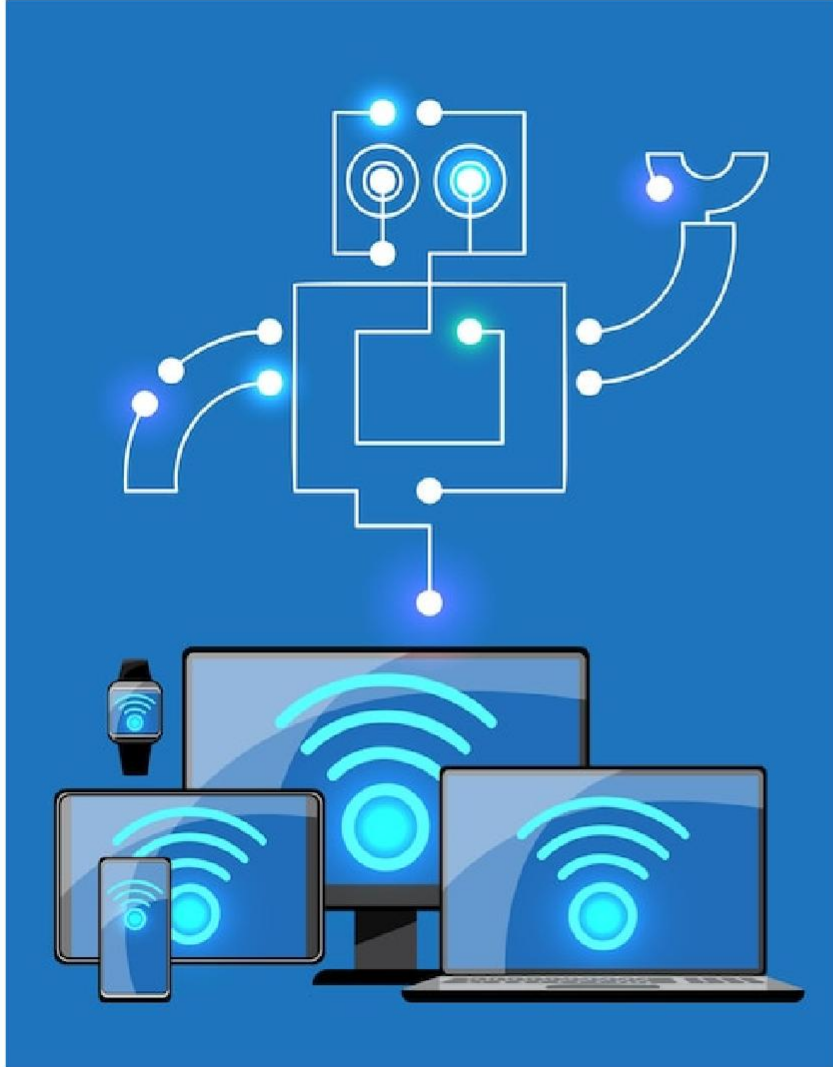
IoT solution adoption planning.

04

Data security strategy planning.

03

Planning of automated collecting, filtering, and analyzing data from smart devices.



# IOT DEVISE NETWORK CREATION AND MANAGEMENT

1

Selection of suitable IoT devices.



2

Configuring IoT devices and connecting them to the network.



3

IoT devices monitoring and diagnostics.





# EDGE COMPUTING SETUP



Creating an edge infrastructure consisting of several servers placed across a network.



Grouping IoT devices through an edge device.



Setting up advanced analytics and reporting tools.

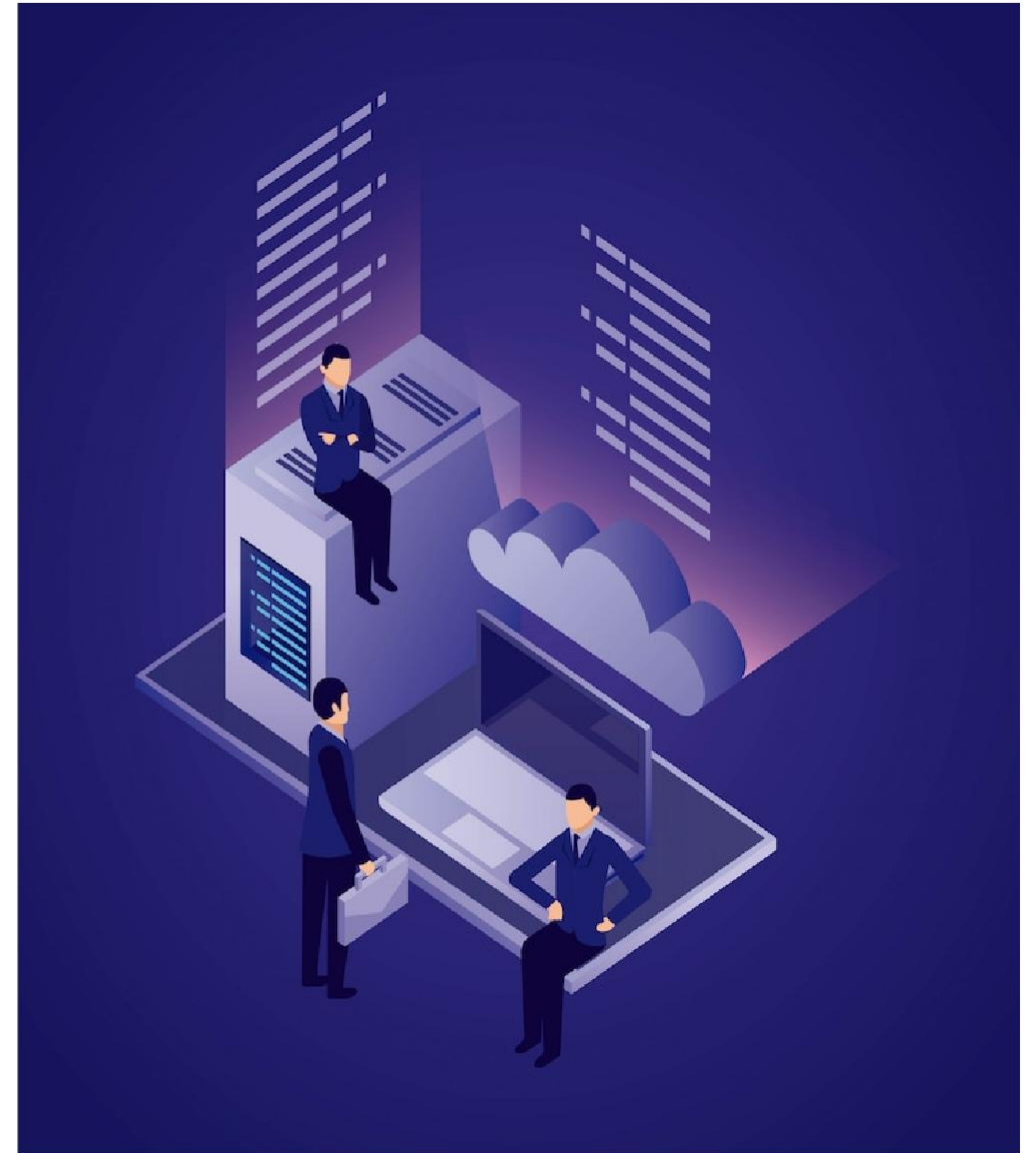
# DATA CENTER IMPLEMENTATION



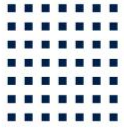
Designing and creating a data processing environment for heterogeneous IoT data.



Building machine learning and data science algorithms to identify data patterns and trends that help solve specific problems in IoT-based equipment conditions, operations, etc.







# DEVELOPMENT OF IOT DATA VISUALIZATION APPS

01

Diversity of web and mobile apps to serve IoT visualized data insights, including VR/AR apps.

02

Multiple visualization techniques (e.g., bar, pie, funnel, connectivity charts, heat maps).

03

Tailored reports and dashboards on IoT data for different user roles (managers, data experts, etc.).

04

Customizable IoT data visualization (adding new data sources, configuring additional reports, etc.).





# DEVELOPMENT OF REMOTE CONTROL APPS

01

Design of rule-based and machine-learning-based remote control apps (web and mobile).

02

Remote control app configuration and integration with IoT devices.

# QA AND TESTING

01

Comprehensive verification of requirements for the IoT solution and its architecture.

02

Well-structured and well-documented code, regular code reviews, and unit testing.

03

Testing automation to increase test coverage and eliminate regression errors in the IoT solution.





# IOT APP MANAGEMENT AND SUPPORT

01

Identifying and fixing data quality, IoT application availability, and usage issues.

02

Assess and address network, server, database, and application vulnerabilities.

03

IoT infrastructure compliance review.

04

Adding new functionality to IoT apps.



**KRISHNAPADAM IT SOLUTION PVT. LTD.**

**THANKS FOR READING!**

**We build Value for your business...**

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 [info@kpis.in](mailto:info@kpis.in)