



LOKAWIZ

Smart devices and smart solutions

Shaping IoT Landscape

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Overview

End-to-end IoT Solutions

Our mission is to make a Smart Connected World by deploying smart devices and solutions for better production efficiency, ease of operations management, safety and general convenience.

Devices
Electronic Hardware

Firmware
Device Intelligence

Application
User Interface

Cloud
Back-end Storage

Industrial Focus

Smart Manufacturing

Improve the efficiency and productivity of manufacturing operations

- Production Monitoring
- Inventory Management
- Predictive Maintenance
- Quality Control
- Safety and Security

Smart Logistics

Help move up the value chain with advanced communication and monitoring systems

- Warehouse Digitalization
- Asset/Equipment Tracking
- Supply Chain Monitoring
- Shipment/Vehicle Tracking
- Safety and Security

Solution Platforms

Smart LocATe
Smart Location Acquisition and Tracking

Smart WIN
Smart Wireless IoT Network

Differentiators

ADAPTABLE AND SCALABLE IN-HOUSE HARDWARE DESIGN

ADVANCED CLOUD BASED BACK-END SERVER INFRASTRUCTURE

DEPLOYMENT OPTIONS CONSIDERING SPECIFICS AND BUDGET

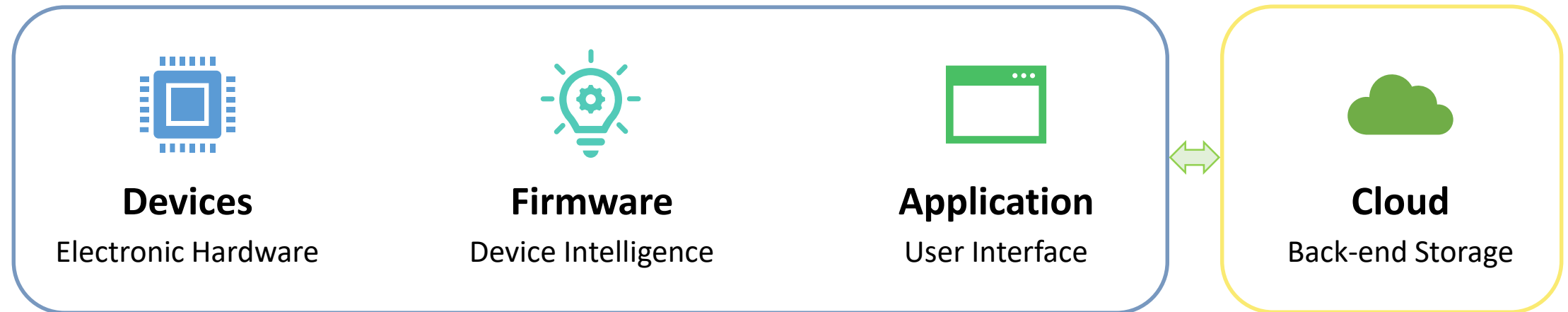
EXPERIENCED LEADERSHIP AND TALENTED ENGINEERING TEAM

HIGH QUALITY SMART DEVICES, APPLICATIONS AND SERVICES

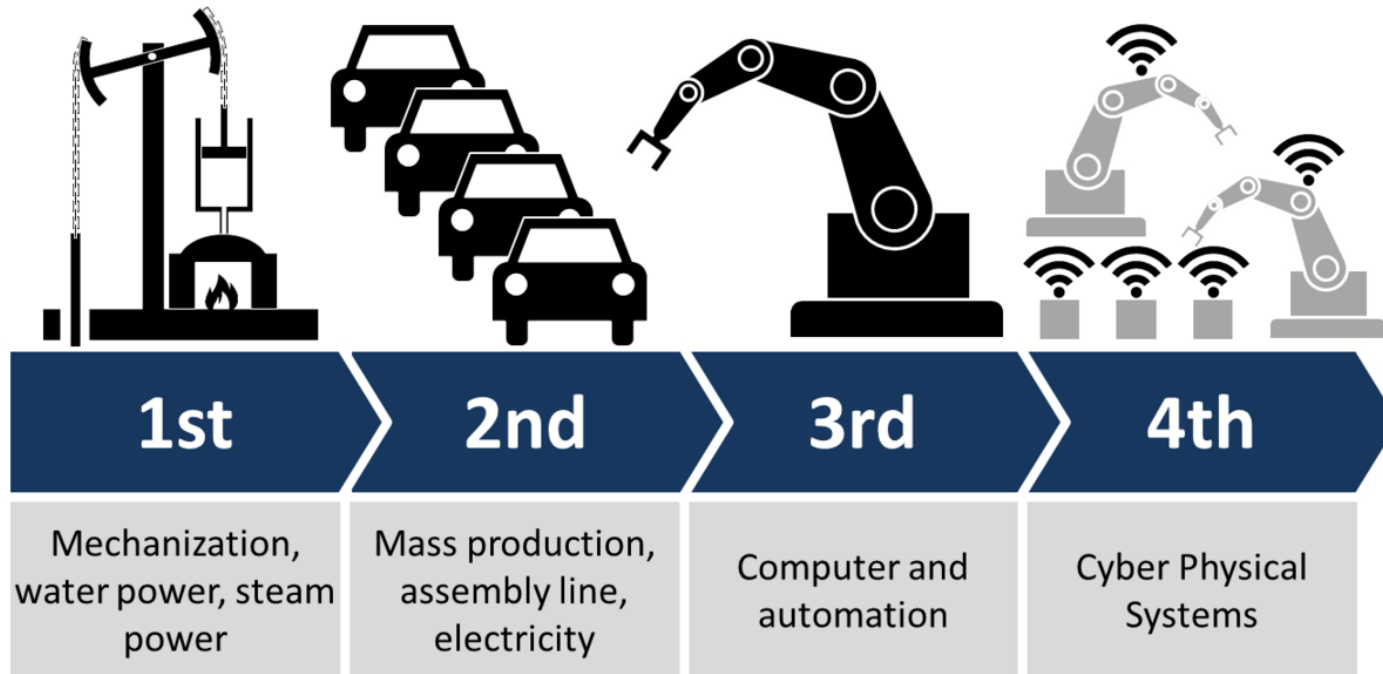
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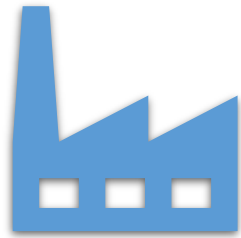


Brief History



Implications of Technological Advancement for Industries?

Industrial Focus



Smart Manufacturing

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Smart Logistics

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Products



Smart Devices as finished products

End points that gather sensors data
Data Aggregators and Forwarders
Trackers with connectivity options
Tags, Beacons and Reader devices



IoT applications for specific use

Industrial IoT applications
Realtime Monitoring and Tracking
Mobile, Desktop and Web apps
Dashboards, Analytics, Notifications

Services



Deployment & maintenance services

- Deployment requirement identification
- Updates and Back office integration
- Deploy application infrastructure
- Maintenance of deployed systems



Build your own smart system

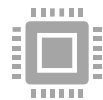
- Proof of Concept implementation
- Build specific capability IoT devices
- Custom IoT application development
- End to end system integration

Building Blocks



Sensors

- Environment
- Location
- Motion
- Proximity
- Measurement



Smart Device

- PCB
- Firmware
- Battery
- Sensors
- Enclosure



Connectivity

- Wi-Fi
- BLE
- NFC/RFID
- Cellular
- LPWAN



Cloud Platforms

- Adafruit IO
- KAA
- Google Cloud
- AWS
- IBM Watson IoT



Protocols

- HTTP(S)
- TCP/IP
- MQTT
- CoAP
- RESTful



Application

- Front End
- Back End
- Web App
- Desktop App
- Mobile App

Solution Platforms



Smart LocATe

Smart Location Acquisition and Tracking



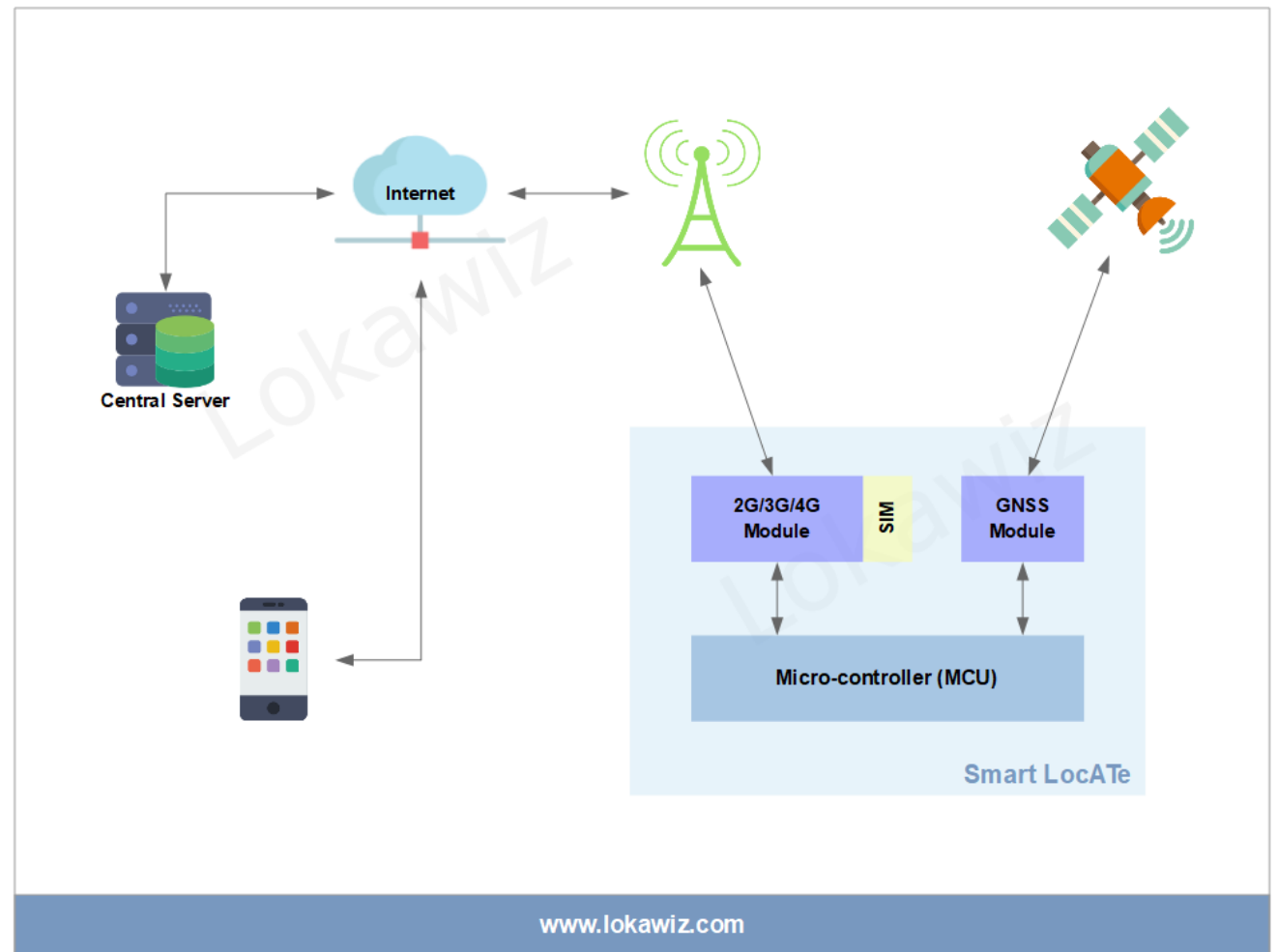
Smart WIN

Smart Wireless IoT Network

Smart LocATe

Tracking made easy with smart location devices and application

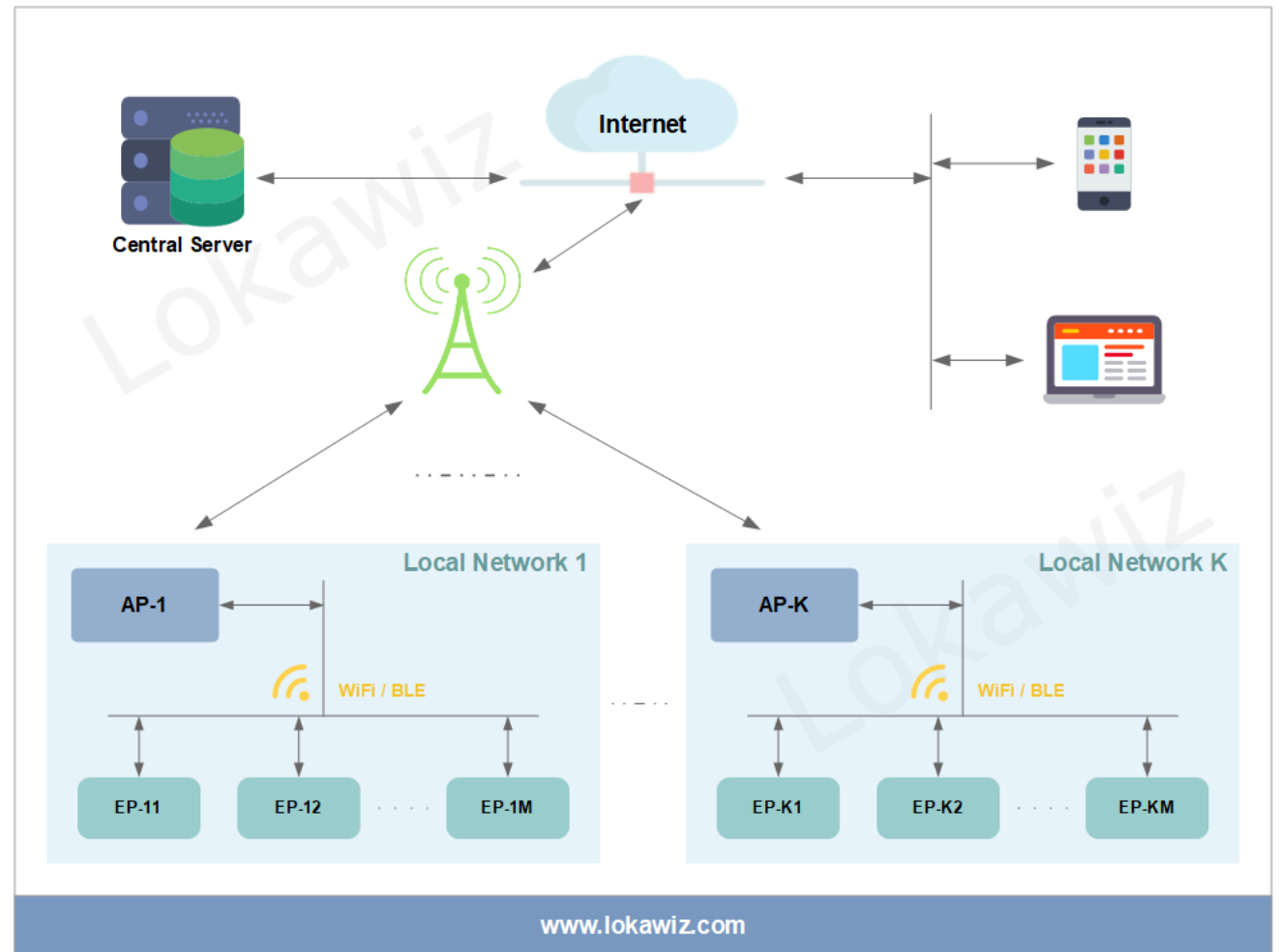
- Fleet Tracking and Management
- Goods and Person Tracking
- Employees/Field Worker Safety
- Asset Movement Tracking



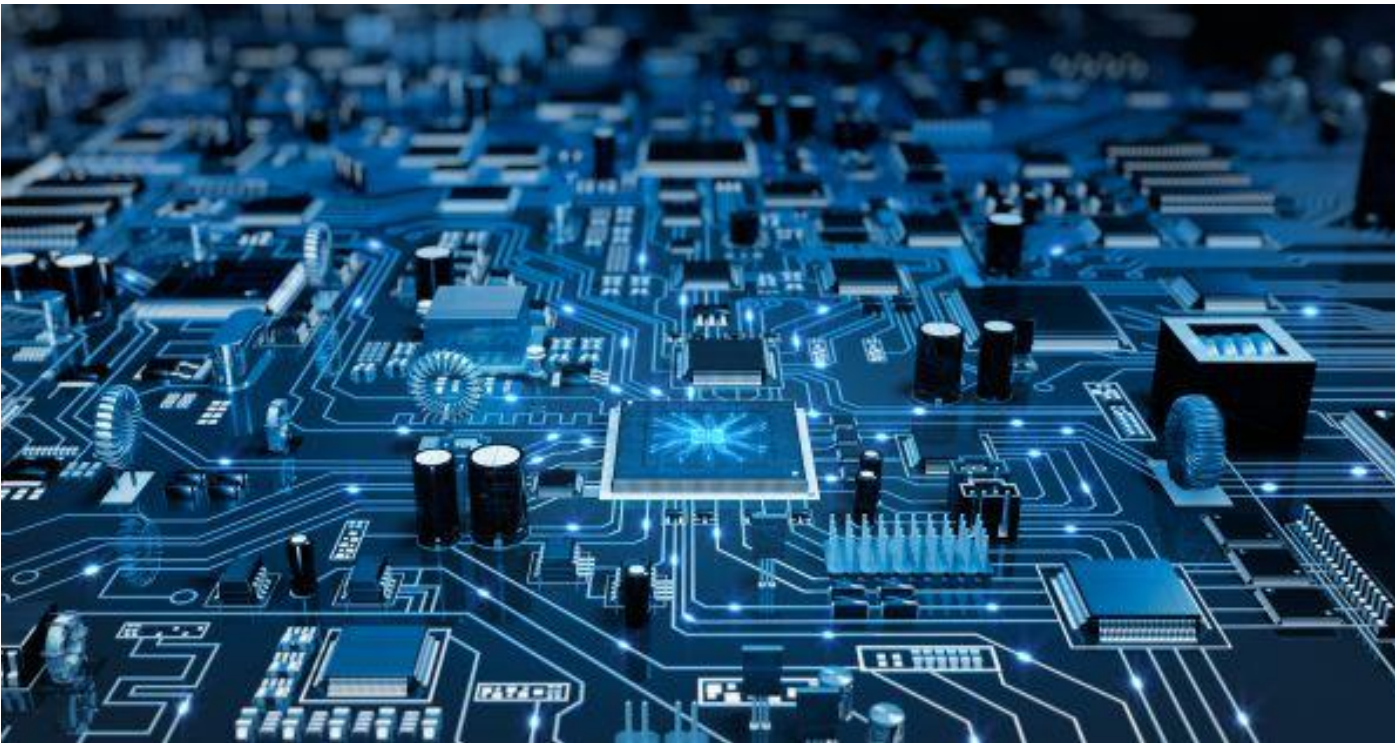
Smart WIN

A smart network of configurable smart devices with remote sensors.

- Industrial IoT Applications
- Equipment and Asset Monitoring
- Data collection and analytics
- Remote diagnostics/maintenance



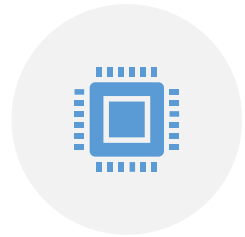
Device Boards



High quality design for small size, long battery life, scalability and adaptability for emerging needs.

- [Core MCU board](#)
- [2G Connectivity](#)
- [NFC/RFID Reader](#)
- [Wi-Fi End Point](#)
- [Wi-Fi Access Point](#)
- [3G/4G Connectivity](#)
- [IoT Gateway \(security\)](#)
- BLE End Point (UC)
- LPWAN End Point (UC)

Differentiators



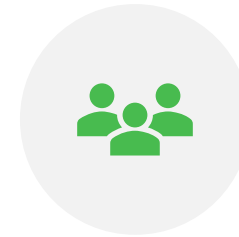
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Thank You

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