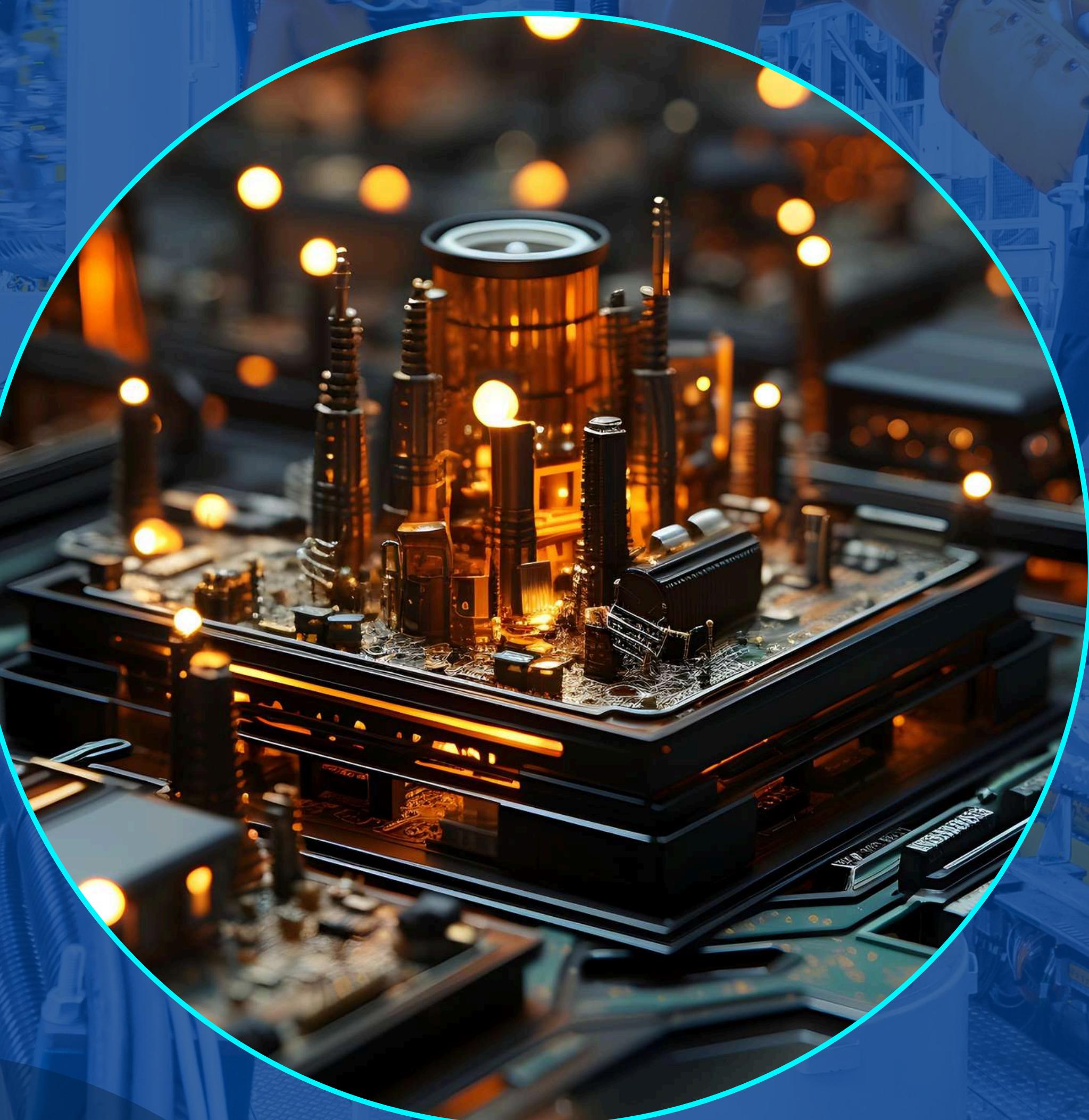


EMBEDDED SYSTEMS AND SOFTWARE DEVELOPMENT COMPANY

Discover Technology for better Future through Engineering Excellence



Your trusted
technology R&D partner

 +91-9884220600

 info@adventuretechnologysolutions.com

 adventuretechnologysolutions.com



COMPANY PROFILE

- At Adventure, innovation and trust is not just another word, it's part of our organizational heritage. Over the decades of the experience, we are proving embedded & IoT solutions and end to end customized software development in various part of the industries across India. We strongly believe that our idea and technology can change world tremendously in a better way. Whatever we deliver to the customer, we are always focus on the trust, quality and service with minimum amount of time and affordable price range.
- Founded in 2014, we have been at the forefront of embedded system and software industry innovation, providing cutting-edge solutions to our customer. Our commitment to excellence, innovation, and customer satisfaction drives everything we do. We are always focus on providing the end to end solution to our client in the embedded system and software industry.
- Our holistic business solutions development comprises of various activities including Embedded system products, IoT solutions, Robotics, web development, App development, Cloud services and end to end Artificial Intelligence solutions

VISION AND MISSION



VISION:

To provide the best reliable products to each and every one in this universe and to make their life simple and efficient by using our products.



MISSION:

To discover, innovate and invent the world class products in affordable price with trust, quality and service

CORE VALUES

We conduct business with honesty, transparency, and respect, fostering trust with our customers and partners.

we mainly focus on the quality than quantity.

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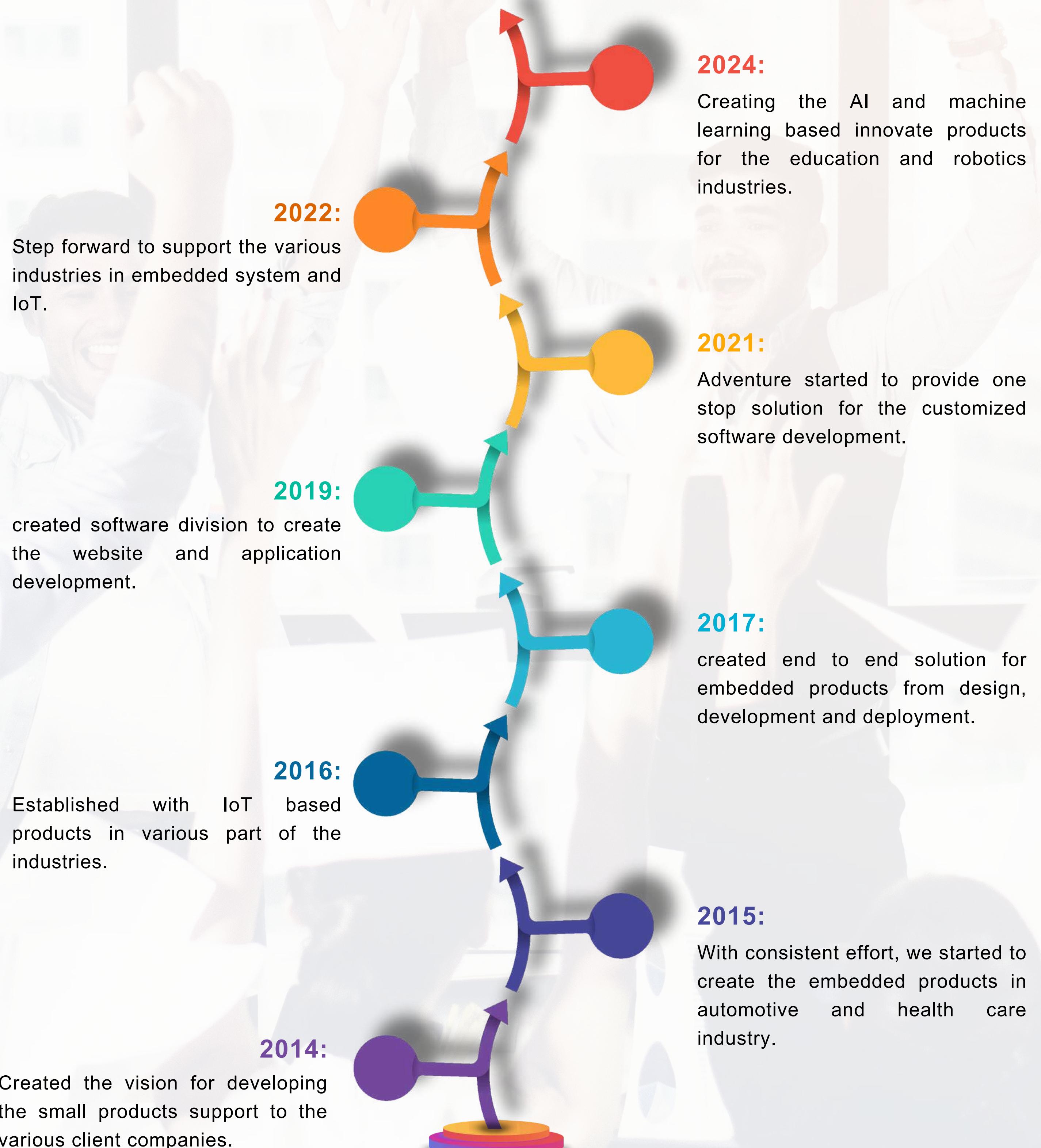
We embrace creativity and curiosity, constantly seeking new ways to push boundaries and drive progress.

we always focus on create trustable products with best quality ever in the industry.

We prioritize the needs and satisfaction of our customers, delivering exceptional value and service.

We pursue excellence in everything we do, striving for continuous improvement and exceptional results.

TIMELINE OF OUR (ADVENTURE) JOURNEY



EMBEDDED AND IOT SOLUTIONS

Adventure offers comprehensive embedded and Internet of Things (IoT) services, empowering businesses to harness the power of connected devices, smart systems, and embedded technologies. With our expertise and innovative solutions, we help clients unlock new opportunities, optimize processes, and deliver exceptional user experiences in the digital age.



SERVICES OFFERED

EMBEDDED SYSTEMS DEVELOPMENT

01

Custom Embedded Software Development

Tailored solutions to meet unique requirements, including real-time operating systems (RTOS), device drivers, firmware development, and low-level software.

02

Hardware Design and Prototyping

End-to-end hardware design services, from concept to production-ready prototypes, ensuring optimal performance, reliability, and scalability.

03

Embedded Systems Integration

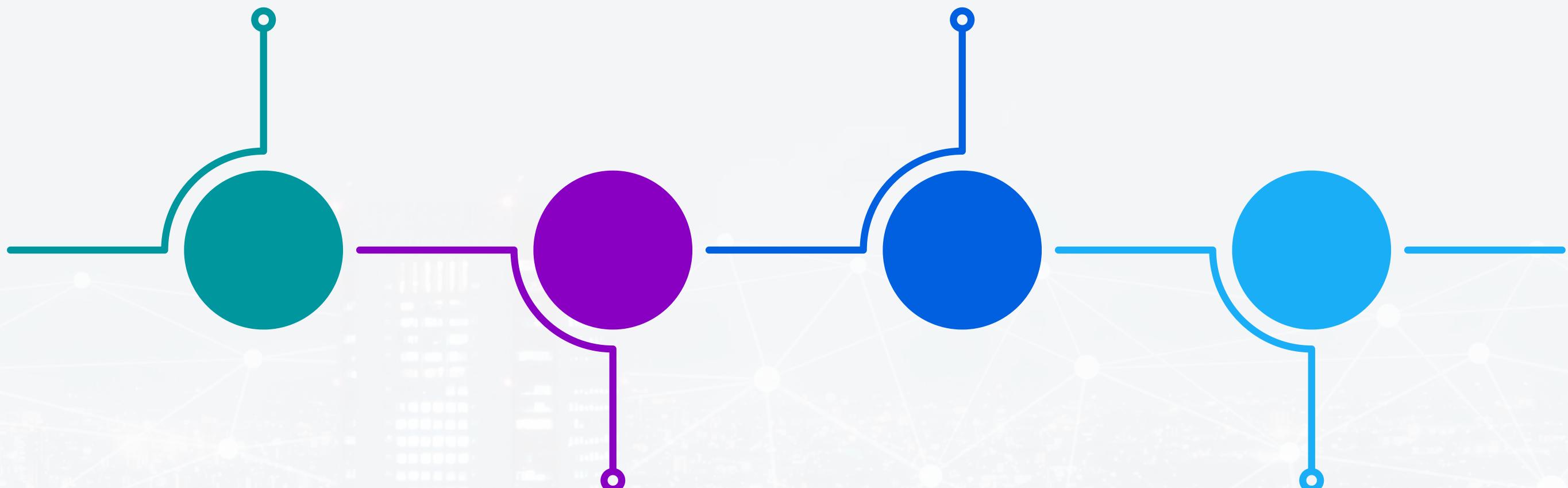
Seamless integration of embedded systems with existing infrastructure, applications, and networks, enabling interoperability and connectivity.

Decision Making

IOT SOLUTIONS AND PLATFORM DEVELOPMENT

IoT Strategy and Consulting

Strategic guidance and advisory services to define IoT objectives, identify opportunities, and develop a roadmap for successful IoT implementation.

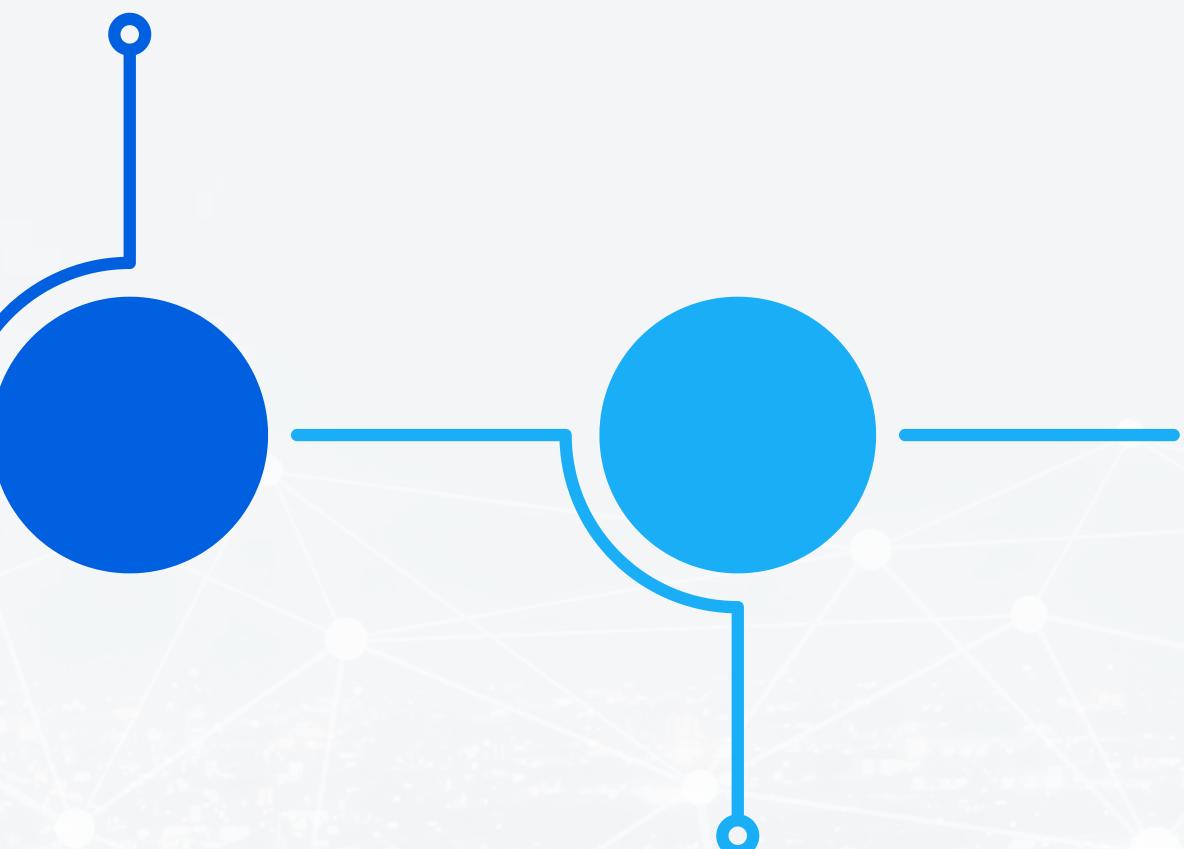


IoT Software Development

Development: End-to-end software development for IoT applications, including cloud-based platforms, analytics, data visualization, and remote device management.

IoT Device Development

Design, development, and manufacturing of IoT devices, sensors, and connected hardware components, tailored to specific use cases and industry requirements.



IoT Connectivity Solutions

Implementation of wireless connectivity protocols, such as Wi-Fi, Bluetooth, Zigbee, Lora, and cellular technologies, to enable seamless communication between IoT devices and systems



INDUSTRIES WE SERVE

Embedded systems and IoT technologies have applications across a wide range of industries, driving innovation, efficiency, and connectivity. These industries represent just a fraction of the vast potential applications of embedded systems and IoT technologies across various sectors, driving innovation, efficiency, and connectivity in the digital age.

01  Automotive

02  Industrial automation

Robotics

03 

Education

04 

05  Transportation

06  Manufacturing and Industrial Automation

Healthcare and Medical Devices

07 

Agriculture and Agri-Tech

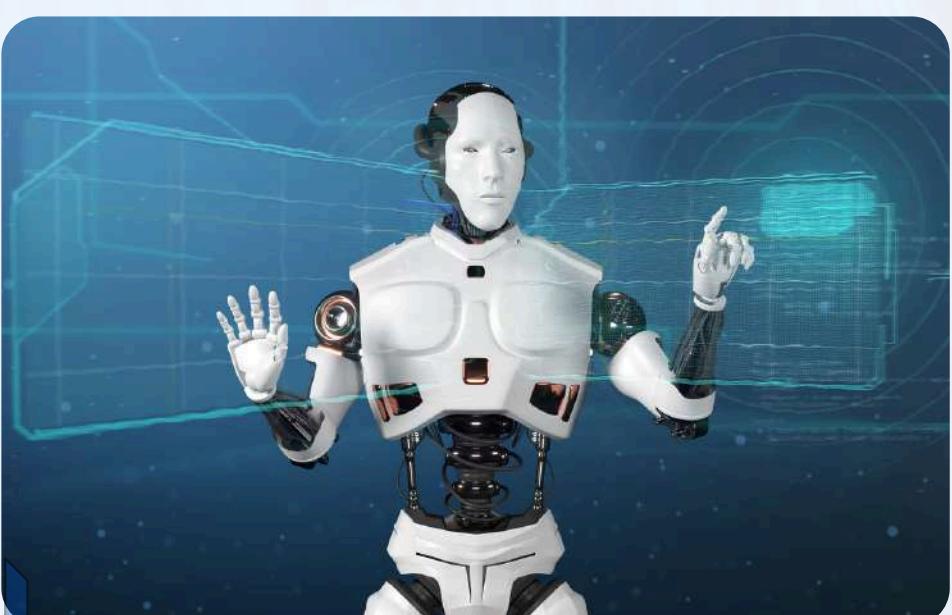
08 

09  Retail and Consumer Electronics

10  Transportation and Logistics

Home Automation and Smart Buildings

11 



TECHNOLOGIES WE SERVE

1. INDUSTRIES WE SERVE

 **Microcontrollers (MCUs) and Microprocessors (MPUs)**

 **Wireless Connectivity Protocols:**

- Wi-Fi
- Bluetooth
- Lora WAN
- Cellular (2G/3G/4G/5G)

 **Sensors and Actuators**

 **Embedded Operating Systems (OS)**

- Linux
- FreeRTOS
- mbed OS
- ThreadX

 **Cloud Platforms and Services**

- AWS IoT
- Azure IoT
- Google Cloud IoT
- IBM Watson IoT

 **Security Solutions**

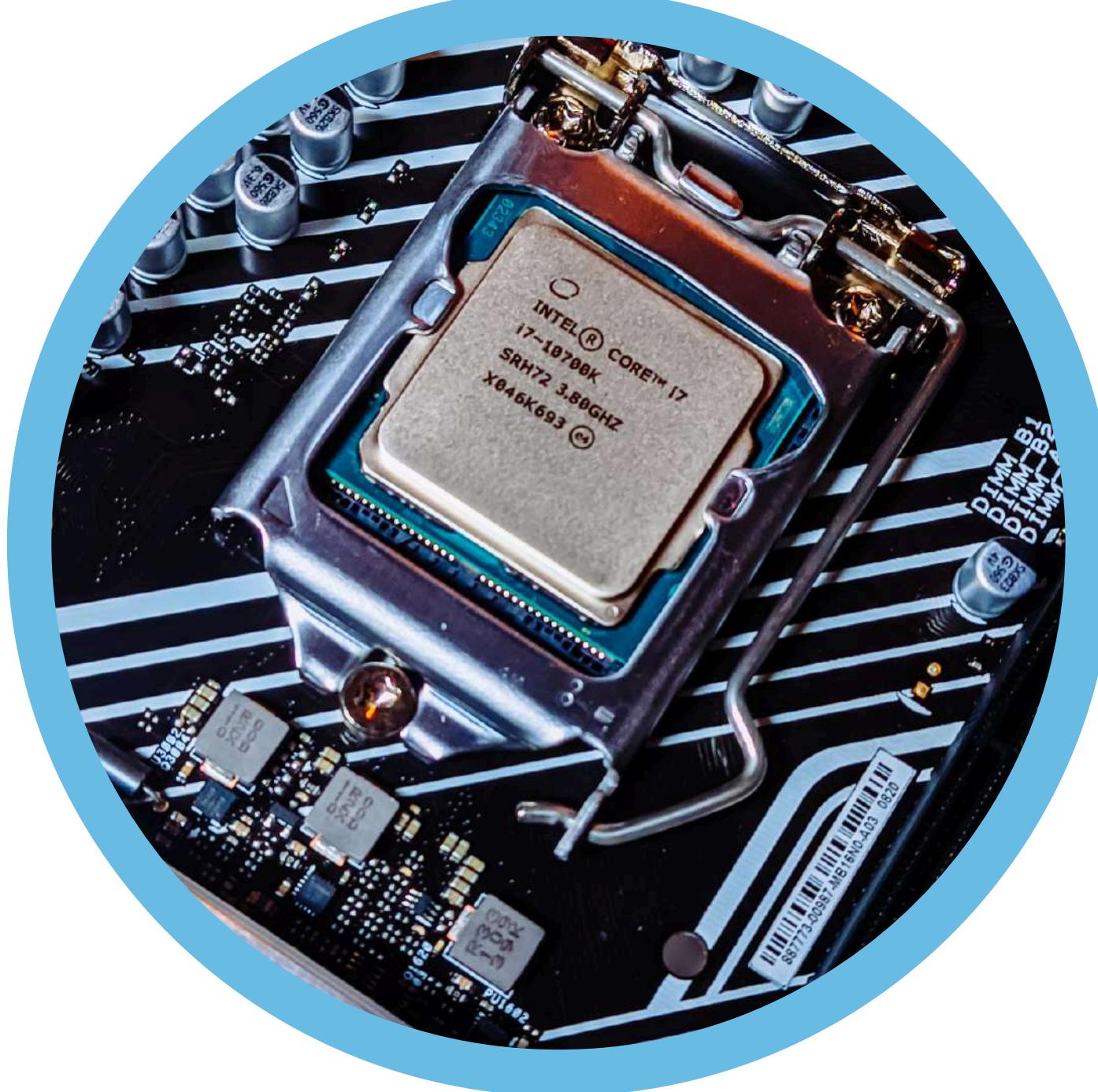
- Secure Boot
- Encryption Authentication
- Firewalls and Intrusion Detection Systems (IDS)

 **Middleware and Communication Protocols**

- MQTT (Message Queuing Telemetry Transport)
- CoAP (Constrained Application Protocol)
- DDS (Data Distribution Service)

 **Development Tools and IDEs**

- Arduino IDE
- PlatformIO
- Eclipse IDE
- Keil µVision



2. WEB DEVELOPMENT TECHNOLOGIES

1. HTML (Hypertext Markup Language)

2. CSS (Cascading Style Sheets)

3. JavaScript

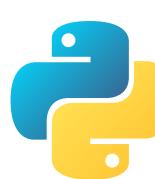
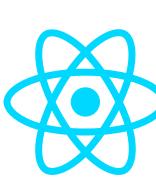
4. Frontend Frameworks

- React.js
- Angular
- Vue.js



5. Backend Technologies

- AWS IoT
- Azure IoT
- Google Cloud IoT
- IBM Watson IoT



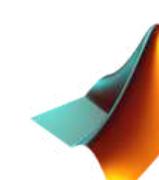
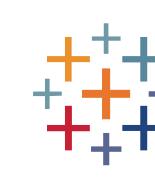
6. Security Solutions

- Node.js
- Express.js



7. Database Technologies

- SQL (Structured Query Language)
- NoSQL Databases



8. Web Servers

- Apache
- Nginx



3. APP DEVELOPMENT TECHNOLOGIES

1. Native App Development

- iOS (Swift, Objective-C)
- Android (Java, Kotlin)

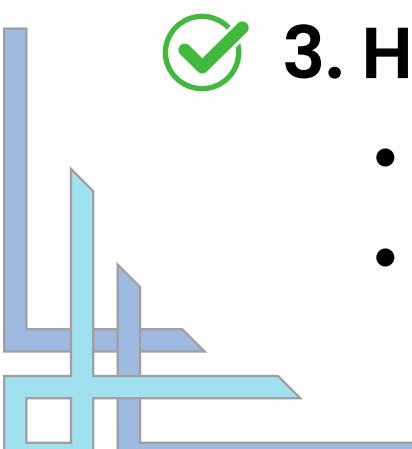


2. Cross-Platform App Development

- React Native
- Flutter
- Xamarin

3. Hybrid App Development

- Ionic
- PhoneGap / Apache Cordova



4. App Backend Services

- Firebase
- AWS Amplify

5. Mobile App Analytics and Crash Reporting

- Google Analytics for Mobile
- Firebase Analytics

4. CLOUD TECHNOLOGIES

- Infrastructure as a Service (IaaS)
- Platform as a Service (PaaS)
- Public Cloud
- Private Cloud
- Hybrid Cloud
- Containerization and Orchestration
- Server less Computing
- Cloud Security
- Big Data and Analytics



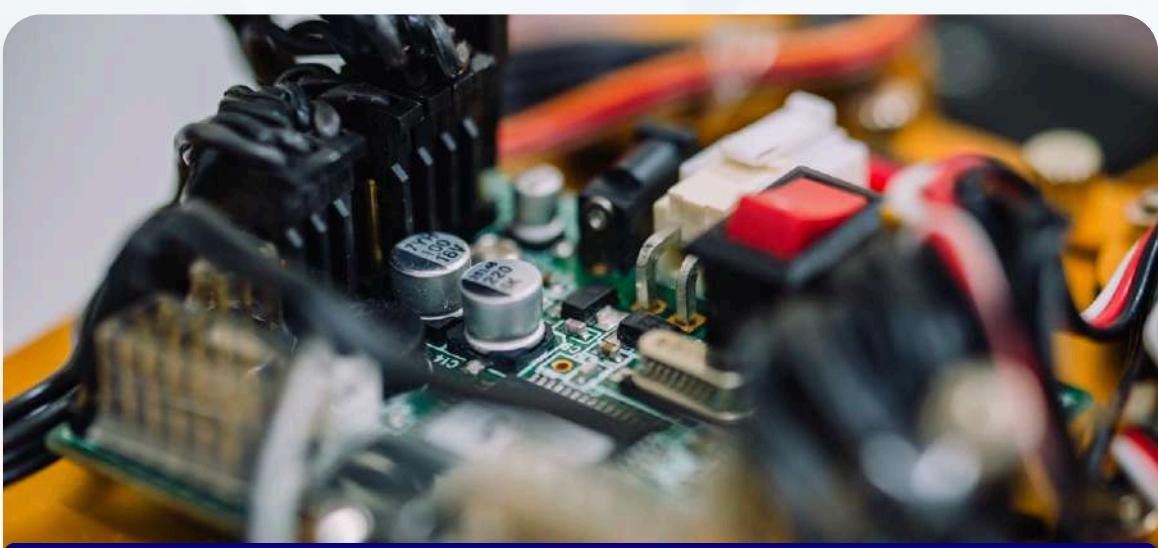
5. AI TECHNOLOGIES

- Machine Learning
- Deep Learning
- Natural Language Processing (NLP)
- Computer Vision

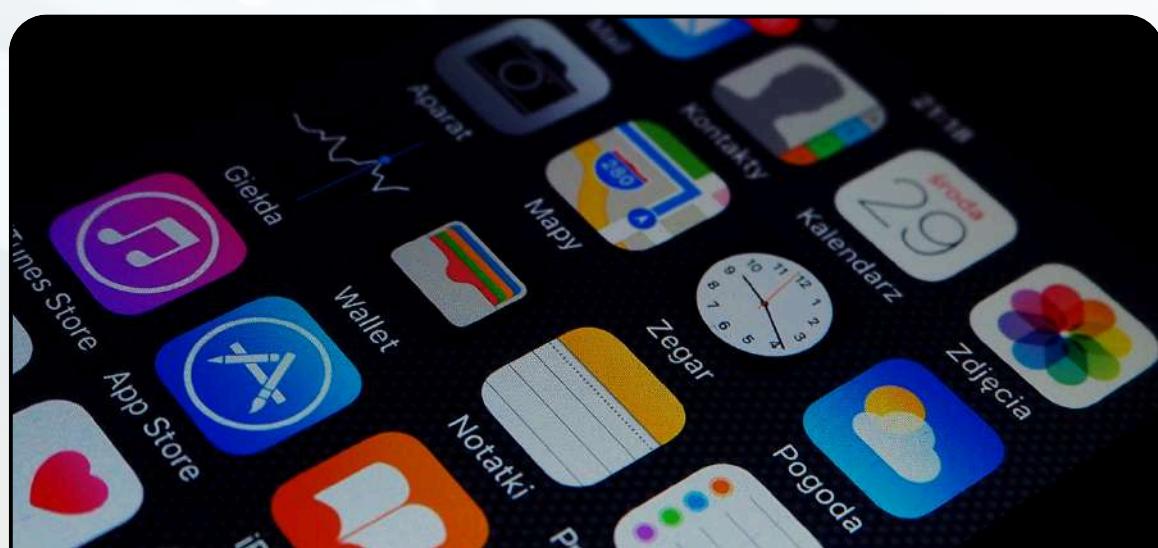


OUR SERVICES

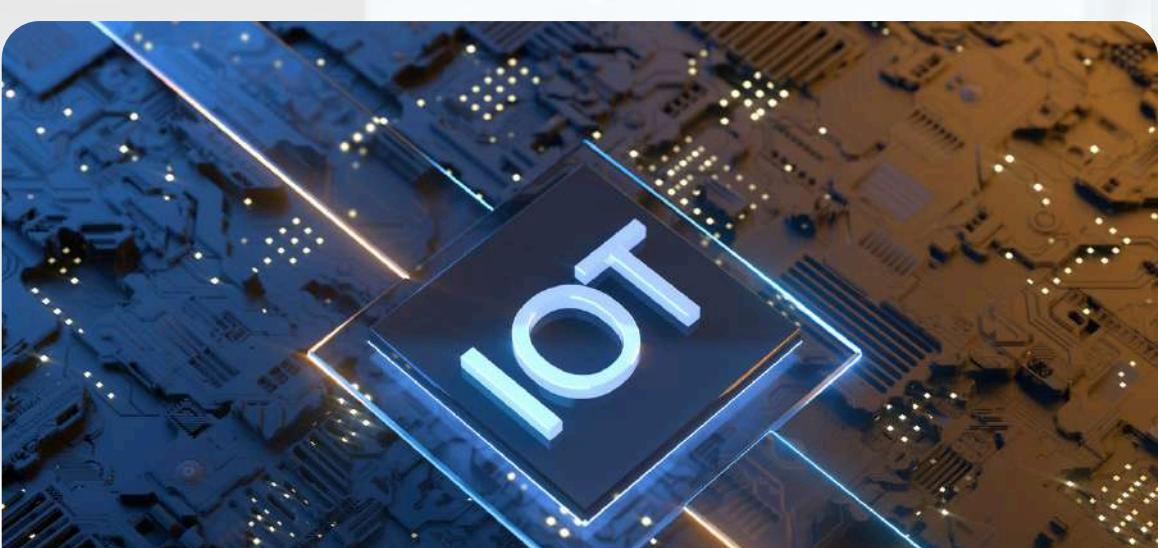
Adventure offers various part of the services in embedded and software development to make your business reliable, fast and efficient. Our products are uniqueness in quality than quantity. We are creating the products with more reliable and fastest delivery in each and every part of the development. Our clients are ensured about our services with maximum productivity with affordable price range



1. Embedded & Electronics



2. Application development



3. IoT solutions



4. End to end IT solutions



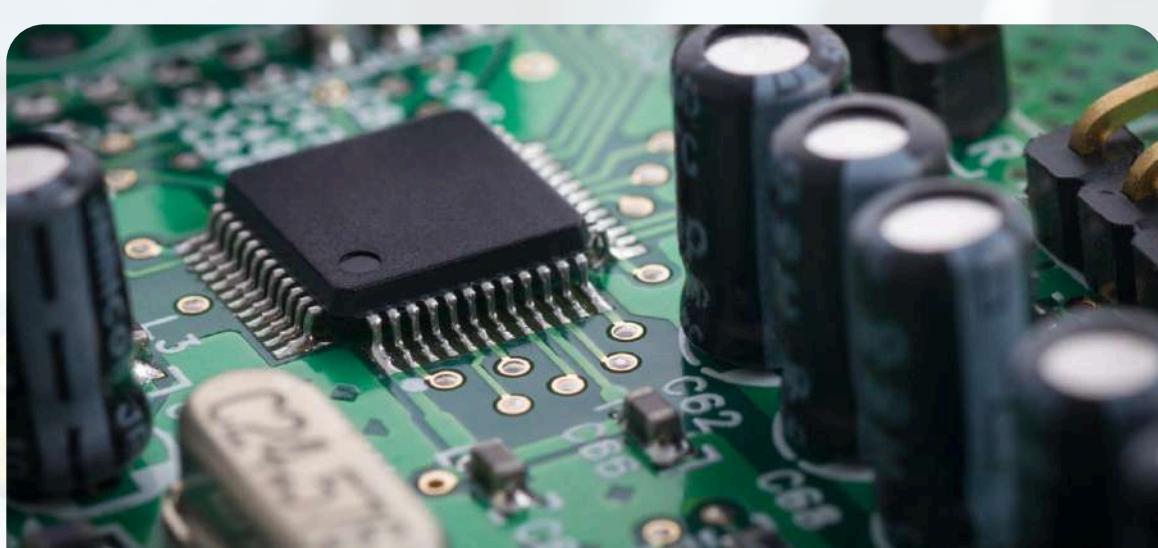
5. Web design and development



6. Customized software solution



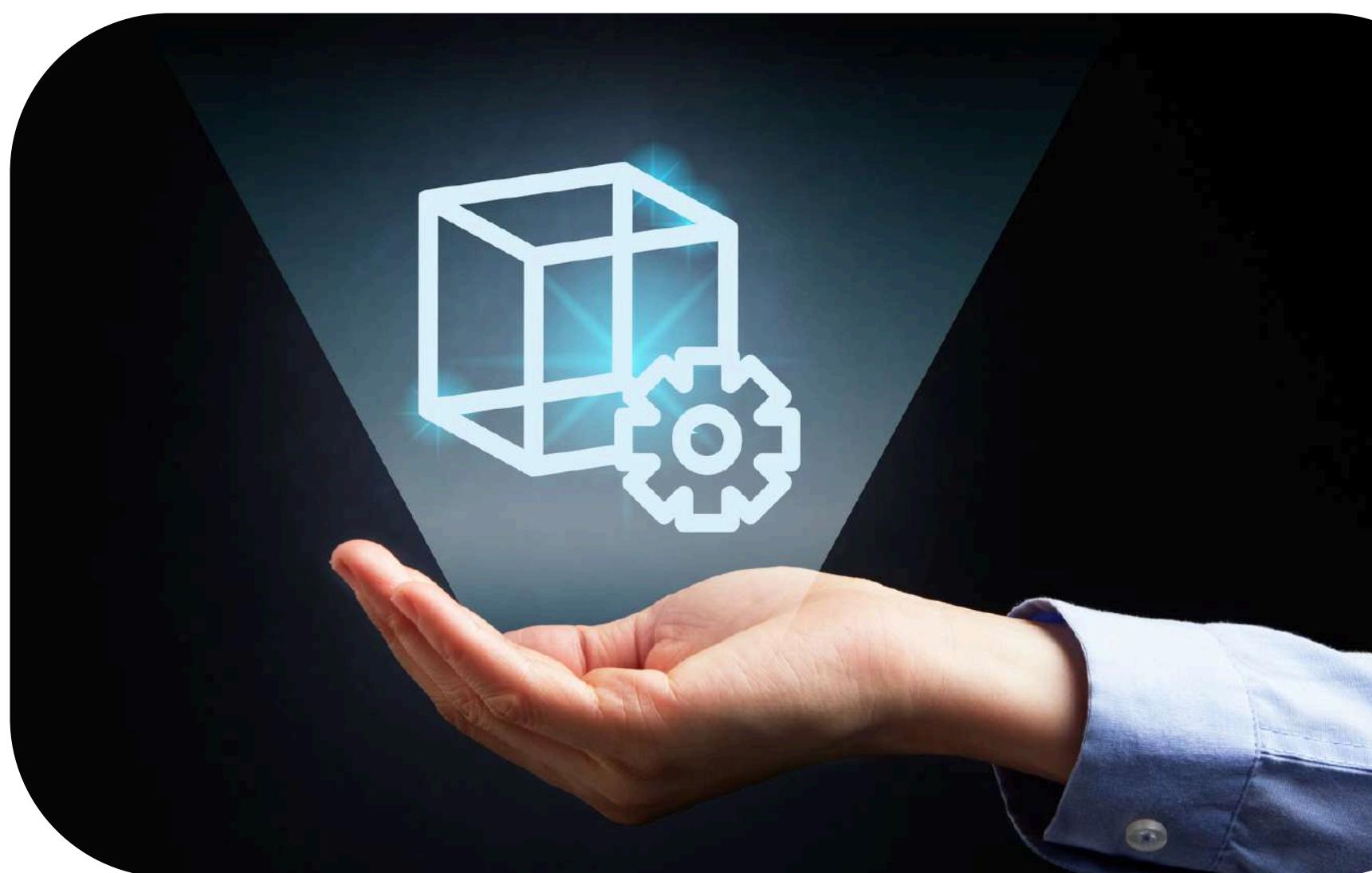
7. Digital marketing services



8. PCB design and development

OUR PRODUCTS

- ✓ Vehicle tracking system
- ✓ Industrial IoT (IIoT) Devices
- ✓ Home automation
- ✓ BMS system with IoT
- ✓ Industrial process monitoring device
- ✓ AI based attendance management system
- ✓ Portable ECG based health care device
- ✓ Drones
- ✓ School management software
- ✓ HRMS
- ✓ LMS
- ✓ Billing Software
- ✓ ERP Software
- ✓ Industry 4.0



CONTACT US

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GET IN TOUCH:

Whether you're a potential client, partner, or future team member, we look forward to hearing from you. Our team will respond to your inquiries promptly and assist you with any information you need. Thank you for choosing Adventure

