



XTRANS SOLUTIONS

COMPANY PROFILE

Come, hop in. Let's enjoy the journey to NextGen Internet together...

ABOUT US :



OUR VISION

Our vision at Xtrans Solutions is to enable you to increase the skills and competencies of your organisation, through our SMART (Secure IoT Devices, Machine Learning, Artificial Intelligence and Robotics Technologies) platform.



OUR MISSION

The Xtrans Solutions, headquartered in the San Jose, USA, pioneers Next-Gen Internet Technologies with an unwavering commitment to Privacy and Security. Our mission is to empower organizations, elevating their capabilities in IoT, OpenAI AI/ML, and Blockchain, fostering innovation for a trusted system.

OUR PRODUCT



WHY CHOOSE US?

The Xtrans Solutions is a dynamic hub for technological advancement, offering a unique blend of expertise for both University and Corporate segments. Immerse yourself in our cutting-edge solutions, tailored training programs, and next-gen software services to build centers-of-excellence (CoEs). Choose us to propel your business or educational institution confidently into the future.

CONTACT US



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www.xtransolutions.com

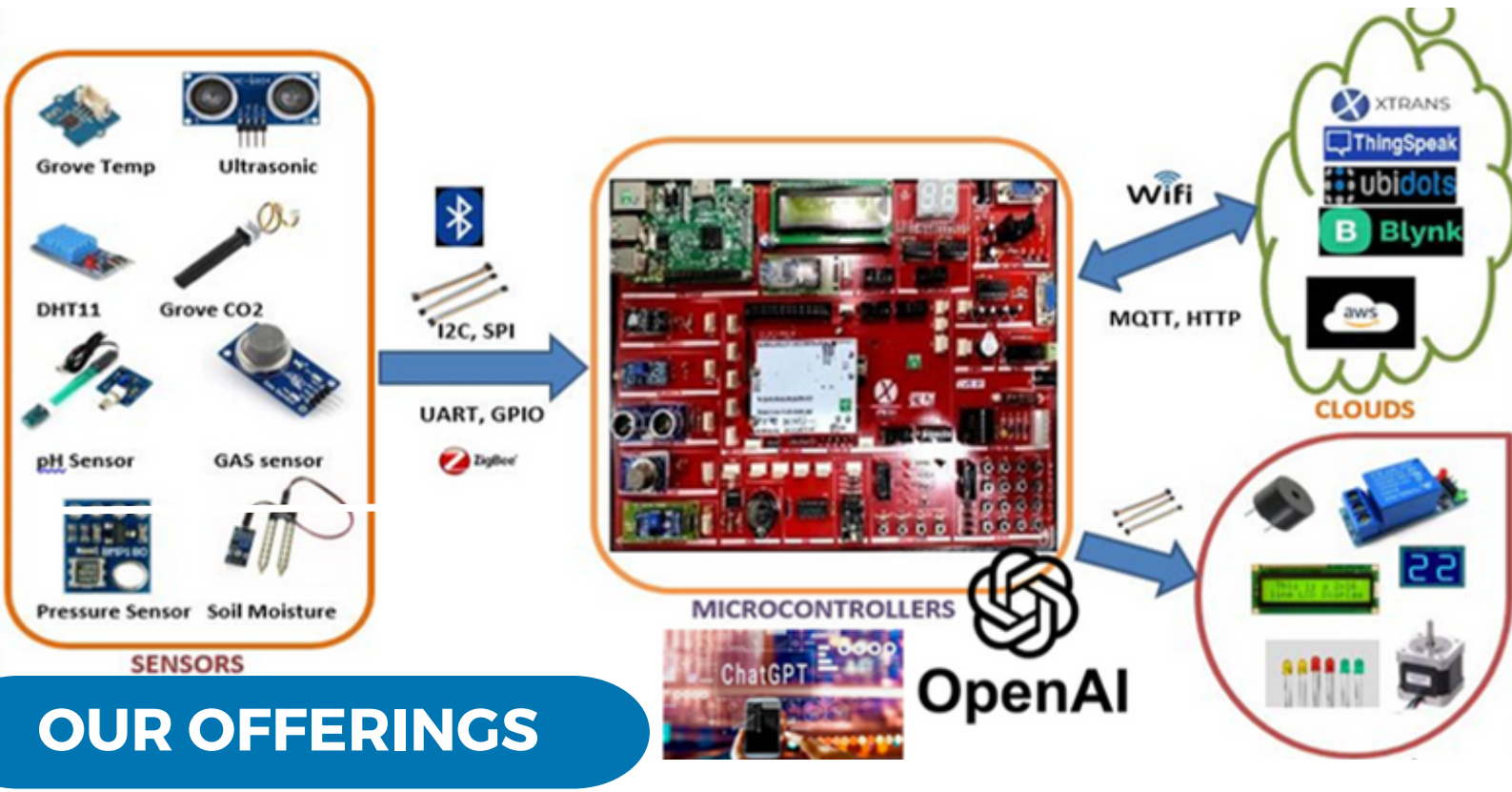


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OUR OFFERINGS



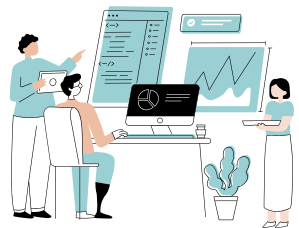
OUR OFFERINGS



University Solutions

Empowering Tomorrow's Leaders

- UG/PG Labs with Unified Kits
- AI/ML, IoT, Blockchain assignments
- Next-gen software services
- State-of-the-art Labs in Centers-of-Excellence



Next-Gen Software Services

Empowering Your Future with Next-Gen Solutions

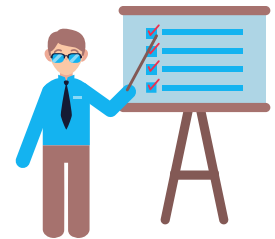
Welcome to Next-Gen Software Services, your trusted partner in delivering cutting-edge software solutions that drive innovation and excellence. Our comprehensive suite of services spans various domains, including IoT, AI, ML, Blockchain and Privacy & Security. Explore how Next-Gen is reshaping the technological landscape to meet the demands of tomorrow.



Corporate Solutions

Empowering Your Business for Success

- Tinkering Lab
- Software Solutions
- Platform for Hackathon



Trainings

Invest in Knowledge, Empower Your Team

Training Programs Elevate your team's skill set with our specialized training programs. Whether you're delving into software solutions, firmware development, or privacy and security, our courses cater to all levels of expertise.

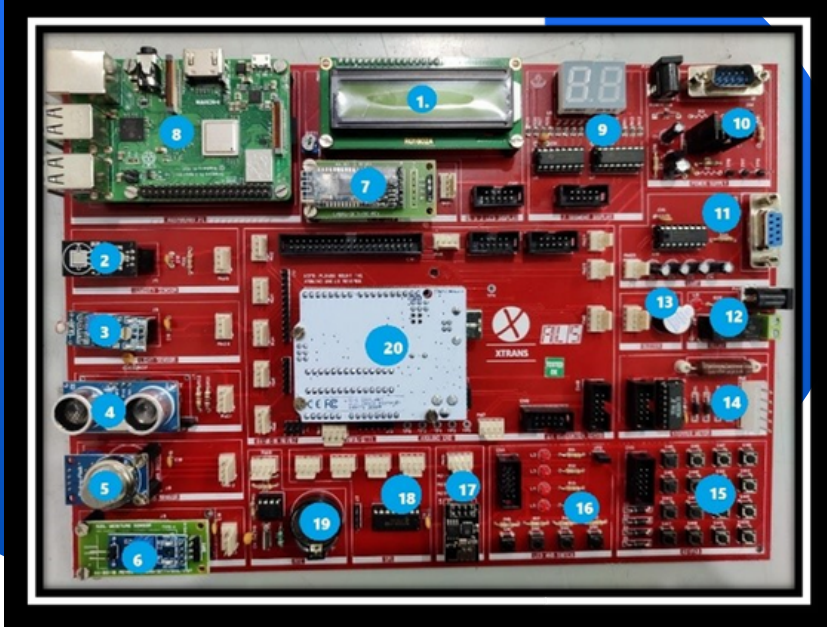
AI-Enhanced Home Automation



- The IoT Development Kit incorporates ChatGPT to process natural language queries and commands from the user.
- Users can ask questions, give commands, or have casual conversations with the AI assistant.



IOT DEVELOPMENT KIT BOARD SPECIFICATIONS



- The board is compatible with either Raspberry Pi 3 B+ or Arduino UNO R3 controllers and both.
- It supports MQTT or HTTP application protocol connections to various IoT cloud platforms, including Xtrans IoT Cloud, ThingSpeak, AWS IoT, Microsoft Azure, IBM Bluemix, and more.
- Equipped with onboard Bluetooth and Wi-Fi connectivity through ESP8266 for Arduino, and internal Bluetooth and Wi-Fi connectivity for Raspberry Pi 3 B+.
- Features onboard digital and analog sensors such as Temperature & Humidity, Gas sensor, Light sensor, Ultrasonic distance sensor, and Soil moisture sensor.
- Includes ADC MCP3008 for Raspberry Pi 3 B+ to connect analog sensors, while Arduino has internal ADC.
- Provides a connector slot for an external Bluetooth module for Arduino.
- Supports I2C, SPI, and UART communication protocols.
- Comes with an onboard relay to drive external devices.

HARDWARE DESCRIPTION

- | | |
|-----------------------|----------------------------|
| 1.LCD Display | 11.UART |
| 2.DHT11 | 12.Relay |
| 3.Light sensor | 13.Buzzer |
| 4.Ultrasonic sensor | 14.Stepper Motor interface |
| 5.Gas sensor | 15.4*4 Matrix keypad |
| 6.Soil Moisture | 16.LED and Switch |
| 7.Bluetooth | 17.ESP8266 |
| 8.Raspberry Pi 3 B+ | 18.MCP3008 |
| 9. 7 -Segment display | 19.RTC |
| 10. Power Supply | 20.Arduino Uno |



GOVERNMENT E-MARKETPLACE (GEM)

We are pleased to announce GOVERNMENT E-MARKETPLACE that our state-of-the-art IoT Development Kit is now available on the Government e-Marketplace (GeM) portal. Offering convenient online access to government departments across India.



GeM
Government
e Marketplace

Efficient • Transparent • Inclusive



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