

Nex-G Automation LLP



Industrial AI IoT To Drive Digital Transformation



Nex-G Automation LLP



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NEX-G AUTOMATION LLP

PRODUCT PORTFOLIO



IOT DATA LOGGER



ETHERNET RELAYS



QR/Rfid SOLUTIONS



ETHERNET HOOTERS



SOS SECURITY SYSTEM



SPM CONTROL PANEL



WEARABLE ELECTRONICS



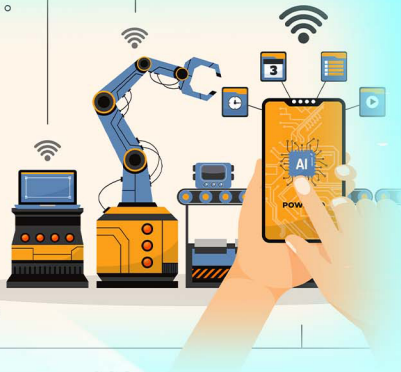
SAFETY WEARABLES



WIRELESS ALARM

INDUSTRY 4.0

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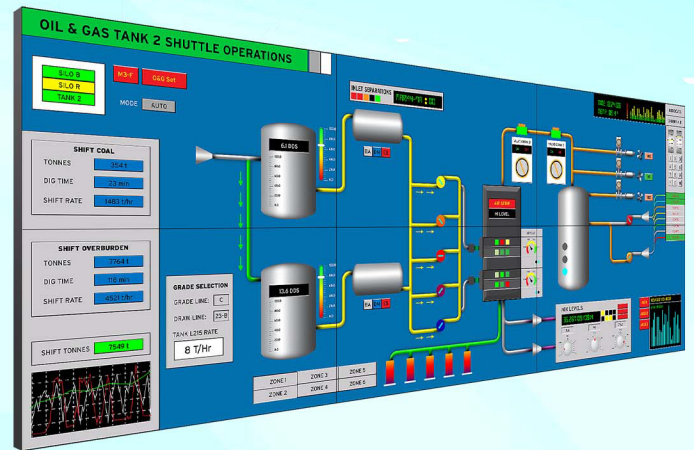


Industry 4.0

We specialize in pioneering Industry 4.0 solutions that drive smarter, more connected and efficient industrial environments. Our core expertise lies in designing and developing intelligent wireless nodes, IoT devices and multi-sensor systems that enable seamless connectivity and real-time data insights.

Energy & Utility Management System

The Energy & Utilities Monitoring System is the best automation system for monitoring and optimising energy, water, gas and compressed air. Data Analytics to improve utilisation and reliability while lowering costs. It has the ability to quickly identify and eliminate waste areas, resulting in significant cost savings within weeks of installation.



RFID Asset Tracking & Monitoring System

AI IoT technology greatly simplifies your physical asset tracking and monitoring, auditing and reporting processes, saving you significant cost, time and effort. Nex-G Asset Management Solution supports Barcode, QR Code, RFID & BLE Beacon tags.

Condition Monitoring System

Machines and systems are carefully observed for changes that could indicate an upcoming failure. The sensor data is analysed to determine factors that could affect the functioning, such as temperature, vibration, speed, energy consumption, suction and discharge pressure changes while it is in operation.

Condition based Maintenance (CbM)





Nex-G Automation LLP



Nex-G Automation LLP is a product design Engineering and manufacturing company which is headquartered in Hubballi, Karnataka, India. For over a decade, Nex-G has been supporting customers in Electronic Automations and software solutions with its strong Design, Development & Manufacturing capabilities.

EMBEDDED SYSTEM DESIGN



- ARM Cortex & RTOS
- Low Powered IoT Edge & Gateway Devices
- Open Source hardware & Computing Module
- Wired Connectivity USB, RS 485 Ethernet
- 10/100, CAN, Mbus, DMX 512, Protocol-MODBUS RTU/TCP, OPC UA, EthernetIP, UDP, SNMP, CAN, Profinet

PCB DESIGN SERVICE



- Single Sided/Double Sided PCB
- Multi-Layer PCB
- High Frequency RF/Microwave PCB
- Design
- Reverse Engineering
- PCB Fabrication
- Metal Clad PCB
- Design for EMI/EMC Compliance

SOFTWARE DESIGN & DEVELOPMENT



- React Web based Platform / Application Development
- iOS & Application Development
- Data Analytics, ML & AI Solution
- Windows/Linux based stand alone Application
- IoT & Cloud Integration
- AR/VR Solution

INDUSTRIAL CONTROL PANEL



- Custom Control Panel Design & Fabrication
- Customized PLC & SCADA
- Based Control Solution Customized HMI
- Design & Development
- Programming VFD, PID & Control System

EMS



- Electronic Prototyping & Manufacturing
- Automated assembly for PTH and SMD
- Prototyping : 1 to 100 no's
- Medium Volume : 100 to 1000 no's
- Large Volume : 5000 to 10000 no's

www.nexgautomation.com

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