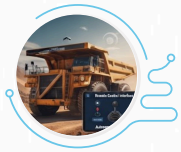
SMART IOT
DEVICE MANAGEMENT SOFTWARE

Connect , monitor and manage every industrial and vehicle device from one platform.

MakConnect
CONNECT MONITOR CONTROL



Heavy Vehicle Diagnostics
UDS&CAN bus



Off Road Asset
Remote Control



IoT Field Integration
OEM Integration



Public Transport Fleet
Real time Location



Industrial Machinery
Data Management



Construction Assets
Remote Troubleshooting



High Speed Rail
Operational Health



EV Charging Infrastructure
Full Monitoring



Telemetry Storage

- Time - Series Storage
- Historical Data
- Searchable Records

Visualization

- Custom Dashboards
- Fleet Map
- Reports
- Analytics

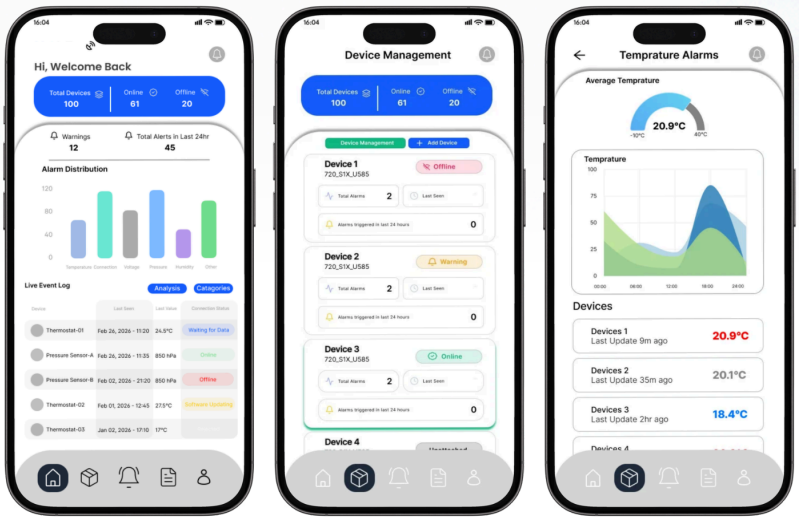
Automation

- Alarm Rules
- Notifications
- Channel Mapping
- Health Monitoring

MAKERSAN

WHAT IS MakConnect?

MakConnect connects industrial and vehicle devices to a secure cloud platform, transforming live telemetry into dashboards, maps, alarms and remote management tools.



Real-Time Monitoring

Stream live data from your devices and track performance as it happens.

Remote Control

Send commands, update configurations and manage devices securely from anywhere.

Scalable Deployment

Easily connect and manage hundreds or thousands of devices across multiple locations.

Actionable Insights

Turn telemetry data into dashboards, reports, alarms and operational decisions.

Device Dashboard

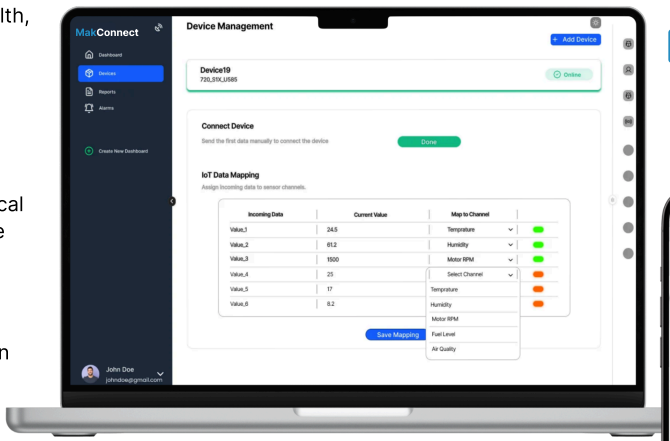
Monitor each device's health, status, alarms and recent activity from one clear dashboard.

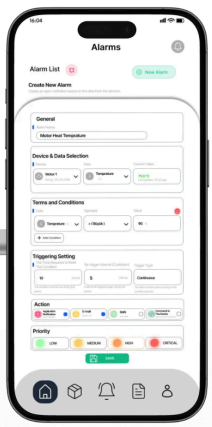
Live Telemetry

View real-time and historical signals through interactive charts, values and trends.

Fleet Visibility

Track connected assets on the map and monitor location-based performance.





HOW MakConnect WORKS



Any device, any protocol.

Reliable, secure data flow.

Dashboards, maps, reports.

Rules that react to incoming data.

Reduce downtime, decide with data.

KEY MODULES

Live telemetry, dashboard,maps and remote commands for industrial and vehicle devices alike from any browser.



CUSTOM DASHBOARDS

Build and save your own dashboard layouts.



ALARMS & HEALTH

Define rules, prioritize by severity, get notified.



LIVE DEVICE MAP

Track live location,analog data and device status.



DEVICE MONITORING & CONNECTIVITY

Watch connectivity, signal strength and event logs.



CHANNEL MAPPING & DATA TOOLS

Map sensors to named channels and generate reports.



REMOTE COMMANDS

Send commands and UDS requests with full history.



DEVICE PROVISIONING

Register , claim and configure devices securely.



AI REPORTS & ANALYTICS

Analyze vehicle usage, field performance, task progress and operational efficiency with clear reports.

Key Benefits



Real-Time Visibility

See what happeninng right now,everywhere.



Remote Control

Act on your assets from anywhere.



Operational Efficiency

Automate processes and reduce downtime.



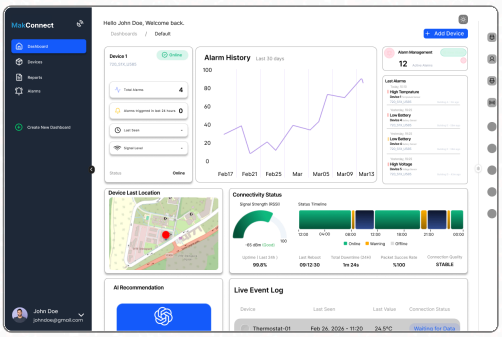
Smarter Decisions

Use data and insights to plan better and act with confidence.

MORE SCREENS

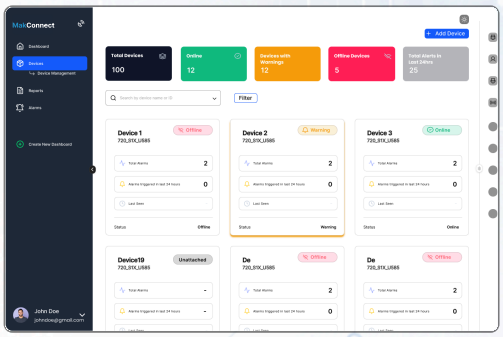
MakConnect
CONNECT MONITOR CONTROL

MakConnect brings all your IoT operations together with powerful dashboards, device management, mapping, provisioning, analytics and alarm management — all in one platform.



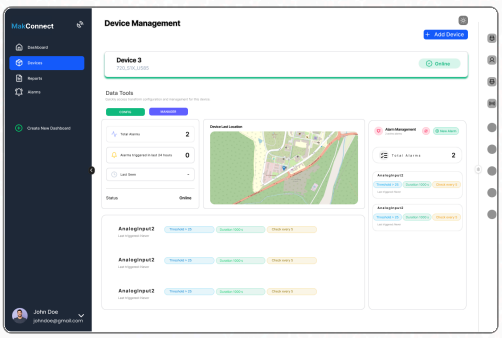
DASHBOARD OVERVIEW

Monitor live telemetry, device status, alarms and KPIs from one central screen.



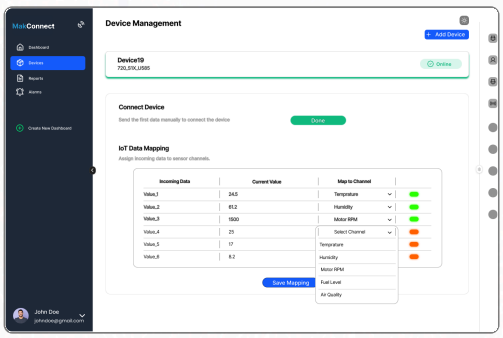
DEVICE MANAGEMENT

Organize devices, groups and connectivity status in a structured management view.



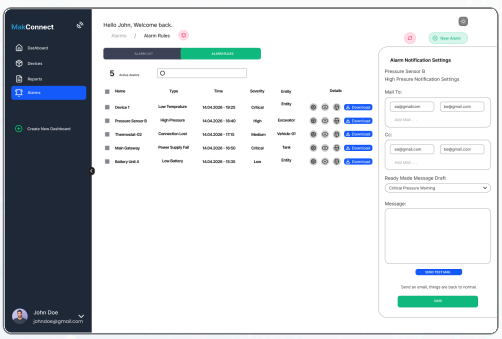
FLEET & MAP VIEW

Track connected assets and locations with real-time map visibility.



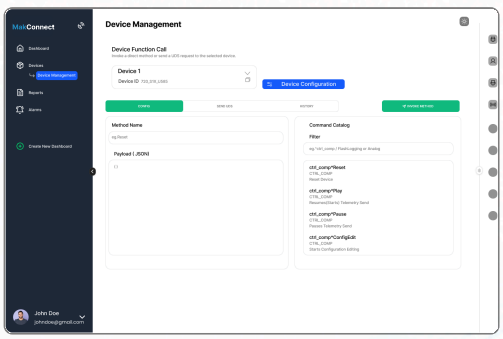
DATA MAPPING

Configure and map incoming device data to usable channels and parameters.



ALARM MANAGEMENT

Create alarm rules, monitor active warnings and define notification settings to react quickly when device issues occur.



REMOTE DEVICE COMMANDS

Send commands, invoke methods and run diagnostic requests remotely to manage connected devices without physical access.

Centralized Control

Manage all devices,sites and operations from one platform.

Real Time Visibilty

Get live telemetry,status and alerts as they happen.

Faster Troubleshooting

Identify issues quickly with insights and event logs.

Web Based Access

Secure access anytime, anywhere from any browser.

FROM DEVICE DATA TO SMART MANAGEMENT

HOW MO 720 TELEMETRY AND MakCONNECT WORK TOGETHER?



CANBUS Data Reading
Read ECU data, motor diagnostics, fault codes and fuel consumption data.

Cellular Connectivity
Ensure uninterrupted data transmission via 2G/3G/4G connectivity.

Live Location Tracking
Monitor location,speed,mileage and vehicle movement through GNSS.

I/O Support
Enable broad integration through digital/ analog inputs, digital outputs and pulse inputs.

DATA SOURCES → WEB PLATFORM → MANAGEMENT TOOLS

Iot Gateway / Edge Controller



- Battery Charging
- NB-IoT / LTE-M / LoRa
- Wi-Fi / BLE Connectivity
- CAN BUS & Local I/O
- Local Rules & Fail-Safe Control

MakConnect



- Live Dashboard
- Fleet Map
- Telemetry Charts
- Device List

MANAGEMENT TOOLS

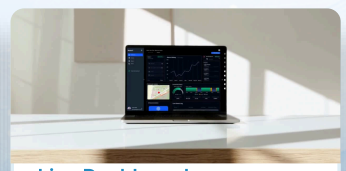
- **Fault Monitoring** Monitor devices and detect issues early.
- **Alarm Handling** Receive alerts and manage alarms in real time.
- **Maintenance Planning** Plan and schedule service and repair actions.
- **Device Provisioning** Register,identify and organize devices.
- **Remote Diagnostics** Access data and diagnose remotely.
- **Reporting&Analysis** Generate reports and gain actionable insights.

MakConnect OUTCOMES

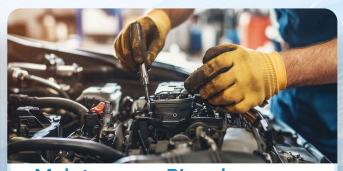
- **Faster Troubleshooting** Resolve issues quickly and reduce downtime.
- **Easier Monitoring** Keep full visibility of your fleet and operations.
- **Better Service Planning** Plan maintenance proactively and extend asset life.
- **Centralized Device Management** Manage all devices and data in one secure platform.



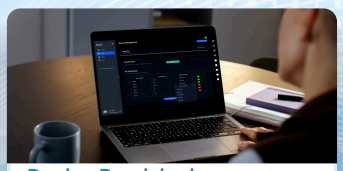
Vehicle / Machine Telemetry
Collect live telemetry,GNSS,engine and I/O data.



Live Dashboard
Visualize data with dashboard,maps and telemetry charts.



Maintenance Planning
Plan and track maintenance to reduce downtime and cost.



Device Provisioning
Register devices,assign groups and manage configurations.

ONE PLATFORM EVERY DEVICE ANYWHERE.

MakConnect connects your devices,collects live telemetry and transforms data into meaningful insights. Automate actions,respond in real time and optimize operations across every location,at any scale.







Device Monitoring
Monitor connected devices and system health in real time.

Asset Tracking
Track vehicle,equipment and mobile assets live.

Alarm Management
Receive instant alerts for faults and critical events.

Remote Commands
Send commands and control actions from anywhere.

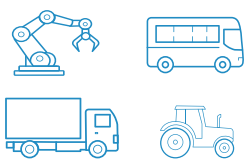
Maintenance Follow Up
Keep assets ready with service and maintenance tracking.

Data Reporting
Analyze operational performance and export reports.

Connectivity Management
Manage field connectivity across multiple communication layers.

INDUSTRIAL IoT DEVICE MANAGEMENT PLATFORM

Connected Devices



Live Telemetry

Device Provisioning



- Provision
- Claim
- Remote
- Configuration
- Device Status

Device Management

Secure Cloud Platform

MakConnect

- Cloud Native
- Authentication
- Scalable Infrastructure

Secure Platform

Remote Operations



- Method Calls
- UDS
- Diagnostics
- Modbus
- Requests

Remote Diagnostics