Navixy

IoT Logic:
smarter telematics automation

Automate business operations, reduce engineering effort, and deliver real-time insights, reliability, and better asset performance.

Build custom telematics solutions on top of IoT Logic tools

Connect telemetry from virtually any source

(Data Source node)

Receive and decode telemetry from GPS devices, OEM platforms, sensors, MQTT streams, and third-party systems inside a unified workflow.

Trigger actions across devices and external systems

(Device Action & Webhook nodes)

Execute remote hardware commands, switch outputs, and send real-time events to APIs, cloud platforms, and business systems.

Turn raw telemetry into operational data

(Initiate Attribute node)

Normalize values, calculate metrics, decode sensor data, and create custom attributes using configurable transformation logic.

Route processed telemetry where it is needed

(Output Endpoint & Webhook nodes)

Deliver transformed data to Navixy, MQTT brokers, analytics platforms, and connected operational systems.

Automate decisions and operational logic in real time

(IF/THEN Logic node)

Build conditional workflows with branching logic, thresholds, and geozone-aware conditions for automated operational control.

JEXL-based formulas for custom calculations and data transformations

Flow Inspector for real-time telemetry validation and troubleshooting

Deploy custom telematics workflows in minutes with drag-and-drop simplicity

Define what matters

Select the telemetry, sensors, and business metrics you want to monitor.

Set your conditions

Create rules based on location, sensors, device status, thresholds, and more.

Automate responses

Trigger device commands, alerts, or actions in external systems.

Share the results

Send data to Navixy, cloud platforms, analytics tools, or business applications.

Kick-start automation with ready-to-use flow templates

Select a template and adapt it to your devices and systems.

Use cases

Device health monitoring

(Data Source + Logic Node)

Automatically flag malfunctioning GPS devices, based on your criteria (weak signal, low battery, outdated status). Cuts support tickets and improves SLA compliance.

Predictive maintenance

(Data Source + Initiate Attribute Node + Logic Node + Webhook Node)

Monitor CAN-bus parameters, fault codes, and vehicle health indicators in real time. Automatically create maintenance tickets in external systems such as HubSpot, ServiceNow, or internal service platforms before issues lead to downtime.

Cold-chain protection

(Logic Node + Action Node)

Monitor trailer temperature and instantly activate cooling systems when thresholds are exceeded, preventing cargo spoilage.

Data compliance in one workflow

(Output Endpoint Node + Initiate Attribute Node)

Send enriched data simultaneously to multiple destinations, like Navixy, ERPs, and government compliance systems.

Device control in bulk

(Logic Node + Action Node)

Bulk commands (e.g., enable heaters across all EVs during a cold snap) executed in seconds, ensuring consistent fleet-wide response.

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Learn more

Navixy IoT Logic documentation

Ready to see it in your data flows?
Contact your Navixy representative for a quick demo and start building smarter automations today