

# IoT Management with Decisions Process Automation

The Internet of Things (IoT) has revolutionized industries, enabling devices to generate immense volumes of real-time data. Managing, analyzing, and responding to this data at scale is critical for maintaining operational excellence and reducing downtime, but wrangling such volumes of data is a daunting task. The Decisions process automation platform, with its robust rules engine, empowers businesses to optimize IoT ecosystems through intelligent automation and seamless data management.

## USE CASE: A GLOBAL ENTERPRISE EQUIPMENT AND MANUFACTURING COMPANY

A leading global enterprise in equipment manufacturing leverages Decisions process automation to analyze and act on real-time device performance data. By using the Decisions rules engine, the company processes over 100 million data records daily to evaluate real-time information reported by IoT-connected equipment every four minutes. This advanced monitoring system ensures proactive maintenance of equipment before customers even know it is necessary, reducing downtime, enhancing operational efficiency, and improving equipment safety of use.

## THE DECISIONS ADVANTAGE FOR IOT

- 1 Real-Time Data Evaluation:** Automate the analysis of high-frequency IoT data streams with the Decisions rules engine, ensuring swift and accurate responses.
- 2 Proactive Issue Resolution:** Identify and address potential issues before they occur, minimizing downtime and improving service quality.
- 3 Scalability:** Seamlessly manage exponential data and device growth without compromising performance.
- 4 Customizable Workflows:** Tailor automation workflows to align with unique business objectives and IoT requirements.
- 5 Seamless Integration:** Connect with existing IoT systems, databases, and third-party platforms to create a cohesive ecosystem.

## COMMON PROBLEMS DECISIONS SOLVES FOR IOT

**Predictive Maintenance:** Monitor equipment performance to schedule maintenance before breakdowns occur, reducing downtime and repair costs.

**Smart Facility Management:** Automate building operations like lighting, security, and climate control based on real-time sensor data.

# DECISIONS™

Decisions process automation optimizes IoT ecosystems by analyzing real-time data, enabling proactive maintenance and reducing downtime for a global equipment manufacturer processing 100M+ records daily.



**Energy Management:** Optimize energy usage by monitoring and controlling IoT-connected systems like HVAC, lighting, and manufacturing equipment.

**Fleet Management:** Monitor vehicle performance, fuel consumption, and driver behavior for better efficiency and safety.

**Asset Tracking:** Use IoT devices to track the real-time location and status of assets like vehicles, tools, or inventory.

**Customer Insights:** Analyze IoT data from connected products to understand usage patterns and improve customer experiences.

**Quality Control:** Analyze IoT data from production lines to identify anomalies and improve product quality.

**Supply Chain Monitoring:** Track shipments and environmental conditions (e.g., temperature, humidity) during transit to ensure product integrity.

**Remote Equipment Monitoring:** Enable real-time monitoring of machinery or devices in remote or hard-to-reach locations.

**Compliance Reporting:** Use IoT data to automatically generate reports for regulatory compliance in industries like healthcare or manufacturing.

### HOW IT WORKS

Using Decisions, the enterprise configures custom rules to evaluate real-time data streams from IoT-connected devices. For example, when performance data from a device indicates potential issues, the Decisions platform triggers pre-defined workflows to schedule maintenance, notify relevant teams, or take automated corrective actions. By combining low-code process automation with robust data processing capabilities, Decisions empowers organizations to act on IoT data with unparalleled speed and precision.

### WHY CHOOSE DECISIONS FOR IOT?

The Decisions process automation platform is built to handle the challenges of IoT data management and automation. Its powerful rules engine delivers actionable insights from real-time data streams, enabling enterprises to transform their IoT operations. Whether you're scaling to manage millions of connected devices or optimizing existing processes, Decisions provides the tools to unlock your IoT potential.

To learn how Decisions process automation can help you manage and automate your IoT ecosystem efficiently, schedule a demo:

<https://decisions.com/schedule-demo/>

### ABOUT DECISIONS

Decisions is a powerful, comprehensive low-code process automation platform that empowers businesses to streamline processes, optimize operational efficiencies, ensure regulatory compliance, and enhance customer experiences. Trusted globally across all industries, Decisions merges AI tools, a robust rules engine, workflow management, process mining, interface designers, and integration orchestration to help organizations code less and achieve more.

[See how at decisions.com](https://decisions.com)



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