lora:LINK MIKROKLÍMA

✓ proactive monitoring and analysis of local climatic conditions in real time

✓ saving of time and costs due to automation

✓ notifications and alarms when exceeding the set values

Measure and check local microclimate automatically and efficiently

Get a **summary of the temperature, humidity** and many other important climatic data in the exterior, interior or small space units.

Utilize the **latest solution** from Slovanet in the area of the Internet of Things (IoT) using **wireless sensors** that increase the rate of automation, quality control and efficiency.

Use the **web monitoring portal** to get a summary of the **current status, a complete history of measurements and automatic warnings** (e-mail, SMS, automated call) in the case of exceeding of the limits set for temperature, humidity, CO2 and other climatic conditions so that you can immediately respond.

Automate processes and save money

If you need to **regularly check and analyze** measured climatic values in your operations, you have the opportunity to finish with labor intensive, often erroneous and ineffective manual measuring and recording.

Solution **lora:LINK MIKROKLIMA automates these activities** using intelligent wireless **sensors**, the **Internet of Things network** and a monitoring **portal** with a multitude of display and warning functions.

Benefits for operations in many industries

- production, storage and sale of food, chemicals and other climatic sensitive commodities
- gastronomic services, cooling facilities and warehouses
- sensitive industrial manufacturing
- agricultural production and animal breeding
- facilitation of high-quality working environment and climatic conditions in buildings
- fire protection
- protection of exhibits, depositories at museums and the microclimate at historical buildings
- healthcare and many other areas

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Connection through a modern and safe network

Data measured by the sensors is sent through the Slovanet wireless IoT LoRaWAN network, specifically designed for the Internet of Things.

The network properties enable to safely transfer small data volumes over long distances without the need to connect sensors to standard Internet or mobile networks. Moreover, the minimal consumption of energy during measurement and data transfer means the battery of the sensors can last for several years.

Summaries, history of measurements and warnings

The solution **lora:LINK MIKROKLIMA** includes access to the monitoring web portal. The portal provides summaries and data visualization, the current status, a complete history of the measurements of individual sensors and warnings when exceeding the permitted values. This significantly simplifies recording, generating reports and decision making.
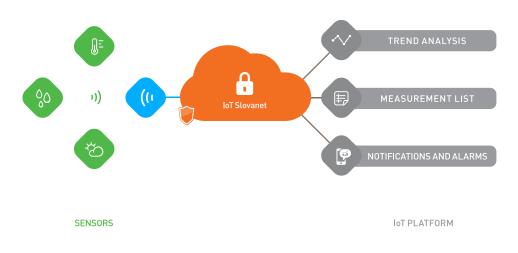
Protection of premises, product s and health

Due to the adjustable notifications and alarms, you will be reliably informed if the monitored climatic conditions deviate from tolerated values. If these values are exceeded, the solution will immediately inform you via e-mail, SMS or automated call.

You can make any correction in time, before any irreversible deterioration of the monitored premises, products, food or negative effects on the health of people or animals occur.

Advantages of solution lora:LINK MIKROKLIMA

- wireless monitoring of the parameters in interior and exterior environments
- automation of daily measurements increases reliability and efficiency
- flexible scalable solution
- protection against the deterioration of goods and exhibits
- web portal with the summary of the current status, measurement history and warnings
- customizable notifications and alarms when exceeding the defined values (by e-mail/SMS/call)
- installation of sensors without affecting the aesthetic appearance of the environment
- option of accredited calibration of sensors

TREND ANALYSIS

IoT Slovanet

MEASUREMENT LIST

NOTIFICATIONS AND ALARMS

SENSORS   IoT PLATFORM

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