



# Sensor Network

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## Sitech Consulting Ltd. Company Profile

### Introduction

Sitech Consulting Ltd. is a leading innovator in sensor network solutions, specializing in the monitoring and collection of data from various environments. Our solutions cater to a wide range of applications, including liquid, concrete, stone, wooden structures, and all types of flooring. With a strong commitment to quality and customer satisfaction, Sitech Consulting Ltd. offers advanced technology designed to optimize operations and ensure accurate, real-time data access.

### Company Overview

Founded by Ventseslav Kolev, Sitech Consulting Ltd. is headquartered at 66B Manastirski Livadi, Sofia, Bulgaria. Our team comprises experienced professionals dedicated to delivering exceptional results and pioneering sensor network technology. We aim to provide high-quality sensors and online monitoring services that meet and exceed our customers' expectations.

### Products and Services

Sitech Consulting Ltd. offers a comprehensive range of sensor network solutions, including:

**Gateways:** Our gateways serve as the backbone of the sensor network, ensuring seamless data transmission through 4G or Wi-Fi connectivity. Models include SNGW4G for 4G transmission, SNGW4GWIFI for dual 4G and Wi-Fi connectivity, and SNGW4GSOL, which includes solar panel integration for autonomous operation.

**Sensors:** We offer specialized sensors for temperature and humidity monitoring (Model SNTH) and infrared temperature sensors (Model SNIT). Our sensors are designed for direct installation in challenging environments, such as liquid concrete, and boast a battery lifetime of up to 10 years.

**Software and Maintenance:** Our sensor network system is supported by robust software that allows for real-time monitoring, data analysis, and alarm configuration. We provide monthly software and maintenance services to ensure the optimal performance of your sensor network.

### Key Features and Benefits

**Easy Installation:** Our sensor network system is designed for straightforward installation, requiring minimal time and effort, significantly reducing setup costs.

**Autonomous Power Supply:** The integration of solar panels for gateways ensures a reliable and cost-effective power solution, minimizing maintenance requirements.



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**Real-Time Data Access:** With our advanced sensor network, clients can access accurate and up-to-date information on critical parameters, enhancing operational efficiency and decision-making processes.

**Customizable Alarms:** Our software allows for the customization of alarm thresholds, ensuring that you are promptly notified of any deviations from set parameters.

## Applications

Our sensor network solutions are versatile and can be applied in various sectors, including construction, industrial monitoring, healthcare, energy, and more. Whether it's monitoring the curing process of concrete, ensuring optimal conditions in pharmaceutical manufacturing, or maintaining the integrity of wooden flooring, Sitech Consulting Ltd. provides the technology you need to achieve your monitoring objectives.

## Contact Us

To learn more about how Sitech Consulting Ltd. can assist you in optimizing your operations with our sensor network solutions, please contact us:

Email: [info@sitech.consulting](mailto:info@sitech.consulting)

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We look forward to exploring the possibility of working together and providing you with the sensor network solutions that best meet your needs.