



BlockSensoMap

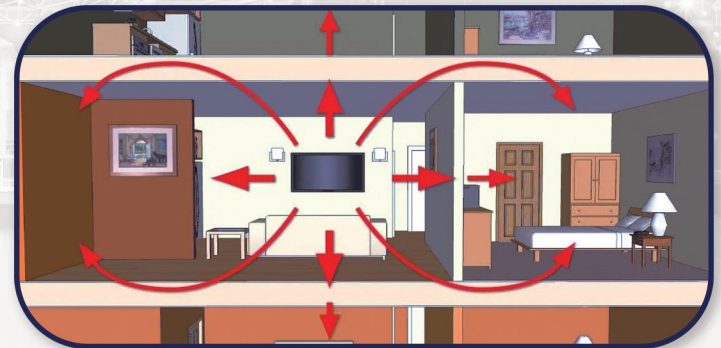


Noise Problem

Noise pollution is a critical issue in multi-unit residential buildings. In British Columbia, noise-related complaints typically account for about 30-40% of bylaw violation complaints from residents of apartments and towers.

Quality of Life

Living in a residence presents several challenges, including managing air quality, noise, temperature, and humidity, while adhering to building codes and bylaws. Poor air quality and excessive noise can significantly impact residents' comfort and health, while temperature and humidity issues can lead to mold and energy inefficiency. Compliance with building codes and bylaws is essential for maintaining safety and standards but complex. Installing various sensors can help address these problems by providing real-time data and insights for better management. However, relying on multiple sensors can be costly and may complicate effective management. Therefore, it is crucial to seek a comprehensive solution that integrates these aspects efficiently.





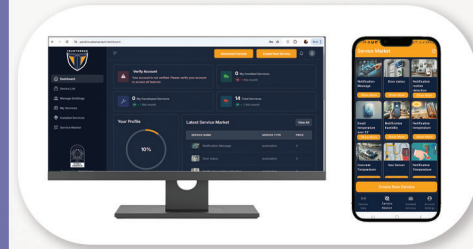
Revolutionize Your Building Management with Our Cutting-Edge Solutions

Discover our state-of-the-art **environmental monitoring solutions** designed for both residential and commercial buildings.

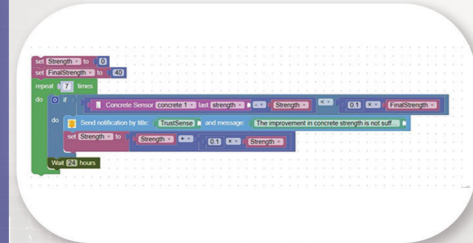
By integrating **zk-IoT technology** and **blockchain security**, we ensure that you receive accurate, secure, and real-time data. Our comprehensive solution seamlessly combines various technologies—including **air quality, noise, temperature, humidity, and motion detection sensors**—into a single, powerful system. Ideal for residential and commercial buildings, our solution delivers exceptional **real-time monitoring** and **accurate data** that improves indoor environmental management and increases operational efficiency.

Unique Solution and Features

- 1. Visualize Real-Time Data:** Displaying the current noise level in each unit within the tower on a visual map. If a resident complains about noise affecting their unit and others, the building manager can quickly check the BlockSensoMap software on their mobile device to view the current noise levels in each unit.
- 2. All-in-one package:** In addition to monitoring noise levels, BlockSensoMap also provides information on temperature, motion, and humidity for each unit or the building.
- 3. Mobile and Web Apps:** BlockSensoMap is accessible via Web, iPhone, and Android apps, allowing users and building managers to quickly access real-time data.
- 4. Data History:** The system stores historical data, enabling users to track trends in collected signals and utilize this information for further analysis.
- 5. Monetization of data while keep privacy:** Our solution seamlessly integrates zk-IoT and blockchain technology. As a result, users and building managers can monetize their data—such as temperature, humidity, air quality, and noise levels—by sharing it as a data point for BlockSensoMap. This process ensures individual privacy while providing an additional incomesource.



Trustsense Mobile App and Web App



Blockly platform enables users to develop new service contracts tailored to their application needs.



MultiSensor



How It Works:

- 1. Deployment:** Install our sensors at key locations throughout your building. These sensors continuously monitor various environmental factors, including noise, temperature, motion, and humidity.
- 2. Data Transmission:** Our sensors feature advanced communication technology that enables them to automatically discover each other and form a mesh network, so no additional devices are needed.
- 3. Account Setup:** Set up a free account on BlockSensoMap's servers and integrate your sensors seamlessly. Alternatively, the building manager can oversee server management. For those preferring a self-hosted solution, the server software is available at no cost, allowing the building manager to use their own server infrastructure.
- 4. Mobile Apps:** Install our mobile apps to monitor your building. These apps provide 24/7 real-time data access, visualization, and analysis. They also offer proactive custom alerts, smart notifications, actionable steps for building management, integration with various service contracts, and synchronization with existing building management systems.
- 5. Analysis & Reporting:** Utilize actionable insights and comprehensive reports to optimize building operations and enhance indoor environmental control.

Benefits for Residents, Strata Corporations, Construction Companies, and Senior Housing Managers:

- **Minimized Conflict:** Utilize noise sensor technology to monitor, track, and manage disturbances, thereby reducing conflicts, enhancing tenant satisfaction, and fostering a quieter, more harmonious living environment.
- **Energy Efficiency:** Monitor environmental factors to fine-tune heating, cooling, and ventilation systems, leading to significant cost savings.
- **Enhanced Comfort and Safety:** Ensure optimal indoor conditions for residents and tenants, elevating overall comfort, safety and satisfaction.
- **Data-Driven Decisions:** Leverage comprehensive data to make strategic decisions regarding building management and maintenance
- **Regulatory Compliance:** Adhere to local building codes and standards for indoor air quality and environmental conditions, ensuring full compliance.



Call Us Today and Request a Demo



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Cutting-edge Technology



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