

Digital Cities Sensitive



Making Sense of IoT for cities, buildings and homes

Sensitive developed an open IoT integration platform and non-intrusive, no-maintenance sensors, providing users, services and digital twins with live data and control.

Today, most IoT systems are complete end-to-end solutions, providing everything from devices to the cloud and the application. This creates a strong vendor lock-in effect and locks in the data.

Sensitive normalises the data and control commands to an easy to use open standard, making models, services, applications, systems and technology neutral. The company's game changing IoT integration platform Yggio allows to integrate any sensor and any IoT or IT technology or supplier. The platform tears down walls and

silos providing cities like Stockholm, Malmö, Lund, and property owners like Halmstad Fastighets AB, with the data they need for their digitalisation journey.

Sensitive also develops non-intrusive, no-maintenance sensors for digitising states and events in homes, buildings, and cities. To date the company has sold 80,000 units worldwide and estimates to double this, at least, yearly with their new generation products setting a new standard of what to expect from professional sensors in this environment.

Competitive Advantages

Platform:

- Open IoT without vendor lock-in
- Unique horizontal integration platform for real-time IoT
- Low risk digitalisation by re-using legacy technologies, just add Sensative's platform
- Service developers can develop technology neutral services that work for any Smart City, Smart Building or Smart Home.

Sensors:

- Install & forget (no-maintenance) with 10 years battery life
- Ultra-thin design for hidden mounting
- Indoor or outdoor use.

Target Markets

- Smart city
- Smart building
- Smart home
- Smart society.

Use Cases

- Smart City: IoT network integrations, IoT open data (e.g. water temperature at beaches), waste and sewage management, smart agriculture, port sea level, manage critical assets and infrastructure (e.g. monitor manhole covers, power cabinets, pump stations)
- Smart buildings: BMS systems integration, turn building automation into smart buildings by adding IoT to existing systems, energy optimisation, predictive maintenance, smart home for apartment buildings
- Sensors: open/close (magnetic) invisibly mounted in window or door frame. Other functionalities like water leakage, temperature, and light.

References

- Platform projects in cities: Stockholm, Malmö, Lund
- Platform projects in buildings: Smart apartments, integration of all building tech systems in office building, measuring temperature in every apartment in residential properties
- 80,000 sensors sold worldwide.

Connect






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Company

- **Founded:** 2013
- **Founders:**
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