



FLEXOM
le logement connecté



- Connected new homes
- Smart homes automation gateways
- IoT cloud platform
- Connected apps and services

The Project

Bouygues Immobilier is a French property developer focused on helping people live better, offering residential, corporate, and commercial buildings.

In partnership with Overkiz, the group created Flexom, a connected solution for residents of new homes, featuring an all-new smart and innovative lifestyle.

As part of the project, **Overkiz designed, developed, and implemented a comprehensive solution for installing, controlling, and managing connected objects.** Overkiz is also responsible for protecting the security of data outside the home and for future developments.

With Flexom, residents can control a wide range of devices, from home or remotely, and also create smart scenarios.

The Challenge

Bouygues Immobilier wanted a trusted partner to develop its connected solution. The partner had to be capable of:

- Covering the entire spectrum of its solution (hardware, software, and application) and meeting its customers' high standards for reliability, simplicity and security.
- Ensuring the solution's interoperability with a variety of heterogeneous brands, products, and communication protocols.
- Providing long-term support to ensure durability, solution scalability, and peace of mind for all.

For the collaboration to be successful, the partner would also have to meet the group's criteria for financial strength, technological expertise, and a solid grasp of preexisting technical specifications.

**Bouygues
Immobilier**

COMPANY PROFILE

**FRENCH PROPERTY
DEVELOPER**

1,904 EMPLOYEES

**€ 2 BILLION
IN SALES
IN 2020**

**MORE THAN 18,000
NEW CONNECTED HOMES**

The Overkiz solution

Overkiz provides white-label IoT solutions to help Bouygues Immobilier deliver a simple and scalable solution in its smart homes.



Hattara® Rail DIN smart gateway











- A modular, multiprotocol gateway in each apartment's electrical panel
- Wireless communication with connected equipment



IoT Cloud and Ecosystem

- Dedicated cloud architecture and open APIs
- Secure data collection and management
- Access to an ecosystem of more than 6,000 compatible products

Devices installed in Flexom homes

Openings	Energy	Heating	Lighting	Security
Micromodules and motors for roller shutters	Sensors for monitoring energy use	Thermostatic valves Temperature sensors Thermostats Boilers	Micromodules Switches Bulbs	Alarms Air quality sensors Smoke detectors Window openings
				
				
				

Applications and Voice Control



- The **Flexom Pro** app for the quick and easy installation of smart devices
- The **Flexom 3.0** app for controlling devices and creating scenarios remotely
- Voice control through compatibility with Google Assistant and Amazon Alexa
- E-maintenance and monitoring tool for installed devices



BENEFITS

Customer benefits

A smart home solution to make homes scalable and flexible

A powerful and secure end-to-end OEM platform

A rich and scalable ecosystem

Real-time solution maintenance and management

A long-lasting, proven solution that is simple and reliable

User benefits

Easy control of devices at home or remotely

A scalable solution for adding more and more connected objects

Energy use monitoring and controlled costs

Support by phone and through the application

TESTIMONIAL

We managed to develop an intuitive, user-friendly application, with the peace of mind of working with a financially strong and reliable partner with proven technological expertise that understands our need to make things easy to use for end customers.

Since 2016, we have established a trusted relationship with Overkiz, which has allowed us to develop a solution that is easy to understand and easy to implement, serving our needs and those of our customers, a solution that makes connected homes easy.

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