



# Tahoma<sup>®</sup>

- Smart home solution
- >200 connected equipment from multiple manufacturers
- Smart scenarios with Tahoma mobile app
- Home automation box

## The Project

Somfy is the world leader in door and window automation in homes and buildings. For over forty years, Somfy has helped people transform their living environment with automatic controls, by designing and developing solutions offering comfort, security, and energy savings.

In 2009, Somfy leveraged Overkiz to setup a home automation system enabling its consumers to control more than 200 devices from multiple manufacturers: gates, roller shutters, lights, heating systems...

## The Challenge

- Control and manage more than 200 devices and create scenarios via a single app
- Enable communication between devices using multiple protocols:



- Provide a box to connect various devices
- Integrate products and services from Somfy's partners to create brand-to-brand ecosystems
- Use modular and upgradable architecture to integrate new products/services on-the-go
- Collect and structure data for analysis
- Remote device maintenance and monitoring

## Somfy partners



## COMPANY PROFILE

MANUFACTURER  
& HOME AUTOMATION  
SOLUTION PROVIDER

**€1.06 BILLION**  
TURNOVER IN 2015

PRESENCE IN  
**60 COUNTRIES**

# The Overkiz Solution

Overkiz provides end-to-end interoperable and modular solutions using gateways, cloud platform and e-services, which help Somfy build and deploy home automation systems.

## Multiple-Protocol Box

- Ethernet connection with router/modem to provide Internet access
- Wireless parallel communication using several protocols, either natively (IO-Homecontrol, RTS) or through USB add-ons (Zwave, EnOcean)
- Offline mode management



## IoT Cloud Platform

- Embedded software for multiple protocol wireless communication
- Specific B2B customer environment
- Product virtualization data model
- User and device management
- End-to-end security management
- IFTTT engine to create smart scenarios
- Over-the-Air upgrade management
- 99.98% service level agreement engagement



## E-Services

- B2C APIs to enable Somfy create their own mobile applications
- B2B APIs for Cloud-to-Cloud management
- E-maintenance and monitoring tool for installed equipment
- Data capture via APIs

### Tahoma App



## TESTIMONIAL

Overkiz has been the cornerstone of the Somfy Group's strategy in the connected home business since 2009. Thanks to Overkiz's technological advances, very early on Somfy was able to offer a SmartHome solution to its customers and to differentiate its products with greater added-value. The challenges for a manufacturer like Somfy are numerous: dozens of different applications and more than 200 connected devices, several generations of coexisting protocols (433, 868 MHz, and now 2.4 GHz), the need to work with the ecosystems of commercial and manufacturing partners who vary depending on the region, the rapid growth in the number of connected households, not to mention future inventions! The support of Overkiz experts is a key factor in Somfy's ability to meet each of these challenges.

Marc Westermann  
Executive Committee

## BENEFITS

### Customer

- Large-scale home automation solutions
- New features and new partner compatibility 3-4 times a year
- Large connected product portfolio – SOMFY and Partners
- Cross-sell operations via partnerships
- Easy e-maintenance of device malfunctions
- Cost-savings thanks to excellent installer efficiency

### End-User

- Control and manage multiple devices anytime, anywhere via one single app
- Visualize consumption and create cost-saving scenarios
- Improve home comfort and security

### Overkiz

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