



- Solutions for connected homes
- Smart heating control
- Smart box
- Touch Connect application

## The Project

A boiler supplier for more than 100 years, Ideal Boilers is at the forefront of the residential and commercial heating markets in the UK, leading the industry in establishing new standards and addressing countless technological challenges. UK's fiercely competitive wall-mounted gas boiler market is Europe's largest, accounting for half of the total European market.

**Driven by its values of quality and innovation, Ideal Boilers chose to use Overkiz to integrate a smart home automation box into its existing wireless thermostat system and develop smart heating control solutions for its customers**

## The Challenge

- Create a complete home automation solution that makes it possible to remotely control the thermostat on a range of existing boilers
- Communicate wirelessly with thermostat receivers
- Integrate a smart box that communicates wirelessly with equipment via the Ideal Boilers proprietary radio protocol
- Collect data on usage, energy consumption, and installed equipment
- Allow installed equipment to be maintained remotely
- Enable the creation of a smart management mobile app for users



## COMPANY PROFILE

**MANUFACTURER OF BOILERS  
SINCE 1906**

**A MEMBER OF GROUPE  
ATLANTIC SINCE 2015**

**500 EMPLOYEES**

**400,000 BOILERS PRODUCED  
PER YEAR**

**2017 SALES:  
€260 MILLION**

# The Overkiz Solution

Overkiz provides an end-to-end OEM infrastructure consisting of smart home automation boxes, a cloud, and APIs, allowing Ideal Boilers to quickly roll out a complete smart heating solution for connected homes.

## White-label Box

- Overkiz Minibox home automation box
- Radio communication with the range of existing boilers via the Ideal Boilers proprietary protocol
- Home automation box connected to the Overkiz cloud
- Home automation box compatible with Amazon Alexa for voice-enabled equipment



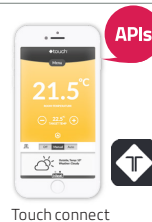
## IoT Cloud

- A third-party software embedded on the Overkiz box for backward compatibility with existing boilers
- End-to-end security management
- Integration of the Ideal Boilers ecosystem in the Overkiz solution
- Voice-enabled controls and smart scenario management
- Communicates with the Ideal Boilers cloud to integrate the mobile app



## Applications

- B2B API for developing the Ideal Boilers support portal
- B2B and B2C API for creating the Touch Connect mobile app, available on iOS and Android



## TESTIMONIAL

Ideal Boilers chose to use the Overkiz IoT platform in order to connect its existing products to the internet.

The Overkiz platform lets us go to market more quickly with a well-established IoT solution that is easy to integrate.

We received excellent technical support from the Overkiz team to guide us through the platform's software and hardware integration.

Jonathan Wilkinson  
IoT Director at Ideal Boilers

## BENEFITS

### Benefits for Installers

- Launched a new connected thermostat solution: Touch Connect
- Integrated existing products
- Long-term customer satisfaction guarantee

### Benefits for Users

- Heating systems controlled remotely through a single application: Ideal Touch
- Scenarios created to promote smart energy consumption and real energy savings
- Improved comfort in the home along with maximum equipment security

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