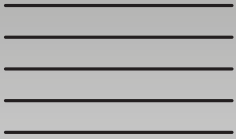


onework TOUCH

# Everything under control with just one touch

- \_\_\_\_\_ Advantages
- \_\_\_\_\_ Scientific findings
- \_\_\_\_\_ Solutions



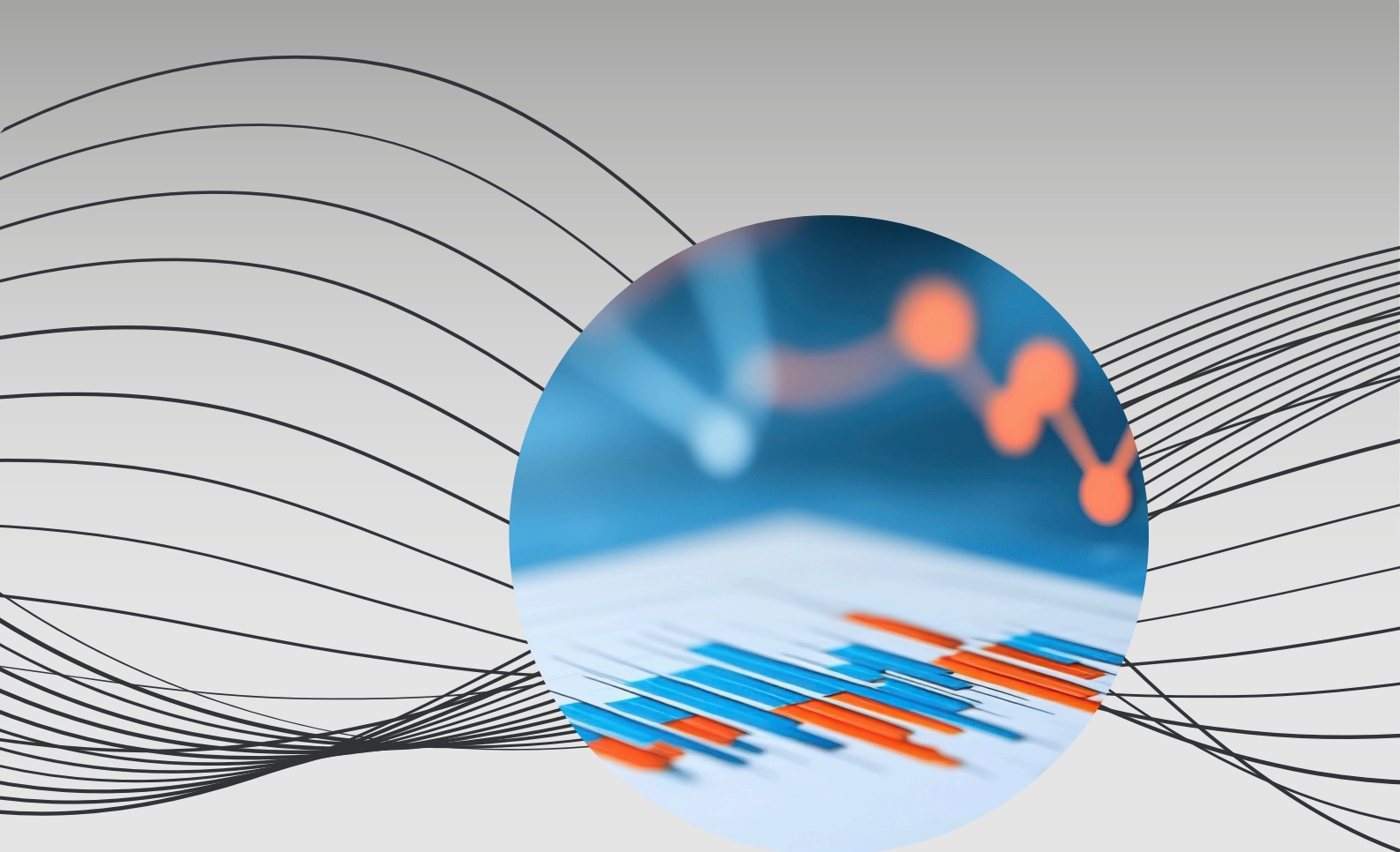
# Introduction

The digitalization of modern buildings and workplaces requires intuitive, centralized control systems that enable efficient, flexible and convenient use. The challenge lies in controlling lighting, temperature, air quality and other room functions in a simple and user-friendly way without having to rely on complex infrastructures. Intelligent control can not only reduce energy consumption, but also significantly improve the well-being and productivity of users. With onework TOUCH, room automation has never been easier. The state-of-the-art touch control panel enables central control of all key functions, integrates seamlessly with KNX and DALI-2 systems and offers a user-friendly interface that can be customized. Companies benefit from a solution that combines energy efficiency, comfort and flexibility and transforms working environments into intelligent, future-proof spaces.



## Contents

Introduction & Table of Contents	2
Scientific findings	3/4
Main functions of onework TOUCH	5
Intelligent control	6
Advantages in the work environment	7
Conclusion	8
Sources & contact	9



# Scientific findings on the importance of intuitive control systems

## **Influence of user-friendliness on efficiency and acceptance**

According to a study by the Fraunhofer Institute for Industrial Engineering (IAO), intuitive operation of smart building technologies increases acceptance by up to 60%. Complex or difficult-to-understand systems, on the other hand, result in up to 40% of functions not being used.

## **Energy savings through intelligent control**

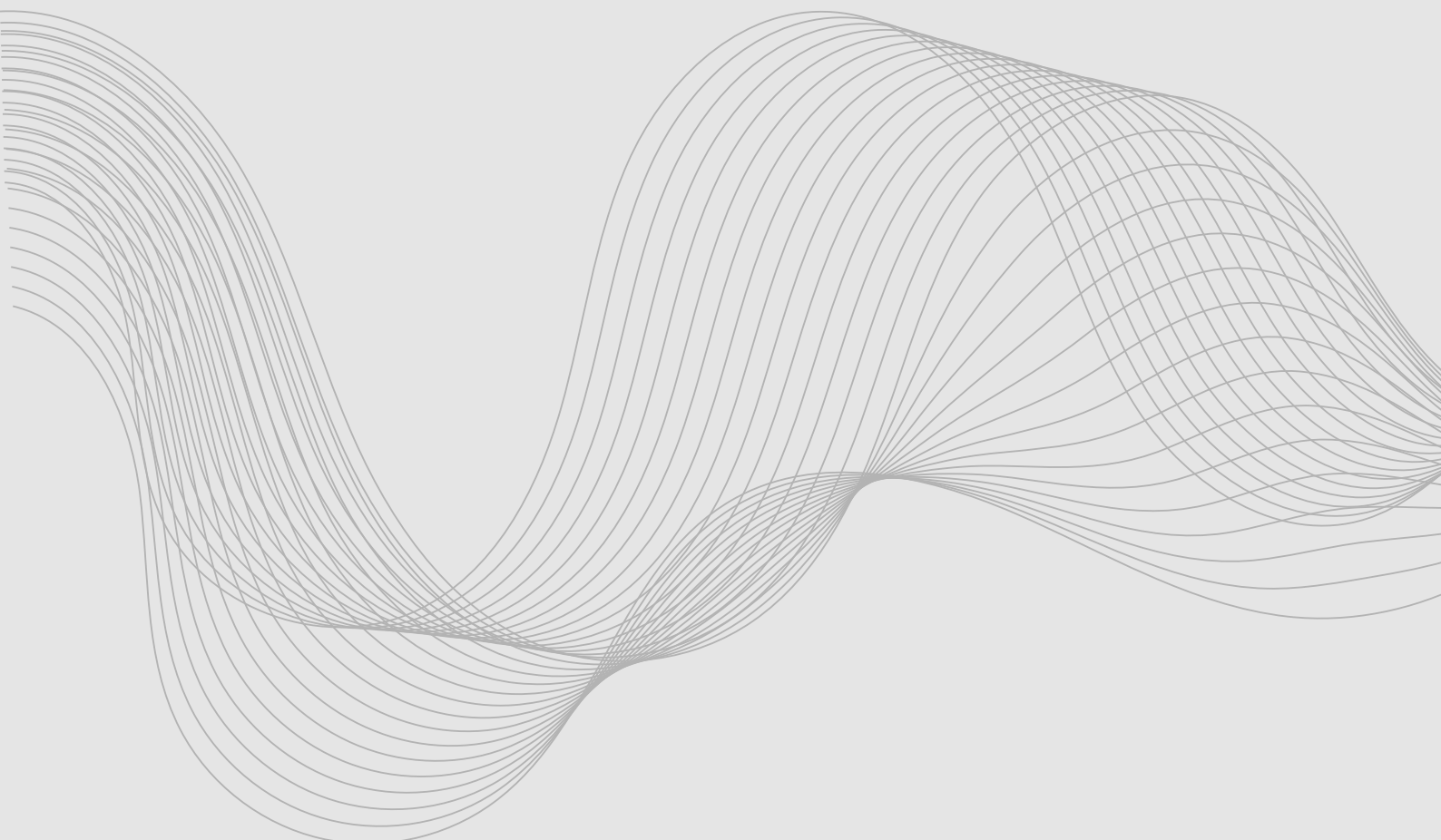
The International Energy Agency (IEA) found that up to 30% of energy consumption in commercial buildings can be saved through automated control systems. A simple, user-friendly interface ensures that functions are used in a targeted manner and energy losses are minimized.

## **Optimized working conditions increase productivity**

A study by the Harvard Business Review found that optimal lighting and climate conditions can improve employees' cognitive performance by up to 25%. An intuitive control system enables users to adjust their environment quickly and according to their needs.

## **Future-proof thanks to flexible control systems**

The “Future Workspaces 2030” study by McKinsey shows that working environments are becoming increasingly modular and flexible. Smart control systems must be adaptable in order to meet the changing requirements of modern offices.





# Main functions of onework TOUCH

## **Intuitive touch control for light, climate & air quality**

With onework TOUCH, users can adjust lighting, temperature, air quality and solar shading with a single touch. The high-resolution user interface ensures clear, understandable navigation and enables effortless adaptation to individual requirements.

## **Seamless integration into KNX and DALI-2 systems**

Thanks to its full compatibility with KNX and DALI-2 protocols, onework TOUCH can be easily integrated into existing smart building infrastructures. This enables manufacturer-independent control of all connected devices and systems.

## **Individual scenes & automation options**

With onework TOUCH, users can save and call up individual lighting and climate scenarios. Whether meeting mode, working light or relaxation lighting - the system allows customization for every usage situation.

## **Real-time sensor technology & intelligent automation**

Thanks to integrated sensors for movement, temperature, CO<sub>2</sub> values and daylight, the system adapts to the environment in real time. For example, the lighting is automatically dimmed when there is sufficient daylight or the air conditioning is regulated when the CO<sub>2</sub> content in the room increases.

## **User-friendly interface & individual customization options**

Thanks to integrated sensors for movement, temperature, CO<sub>2</sub> values and daylight, the system adapts to the environment in real time. For example, the lighting is automatically dimmed when there is sufficient daylight or the air conditioning is regulated when the CO<sub>2</sub> content in the room increases.

# The intelligent control system for networked buildings



onework TOUCH is a modern touch control panel that brings together the entire room control system on a single, intuitive user interface. Whether lighting, temperature, air quality or individual scenes - all relevant functions can be intelligently controlled with just a few touches.



# Advantages in the working environment

## Maximum user-friendliness & acceptance

- Intuitive operation via a touch display facilitates use
- Clearly structured user interface ensures quick orientation
- Minimal training required as all functions are clearly displayed

## Energy saving & sustainability

- Reduction of energy consumption by up to 30 % thanks to intelligent control
- Automatic light and climate adaptation avoids unnecessary energy costs
- Reduces CO<sub>2</sub> emissions and contributes to sustainability

## Flexibility & future-proofing

- Modularly expandable and adaptable to future technologies
- Compatible with existing smart building systems
- Ideal for office buildings, conference rooms, hotels and industrial facilities

## Increased productivity & comfort

- Optimum room conditions promote concentration and well-being
- Can be individually adapted to personal preferences
- Automated control system ensures stress-free operation



# Conclusion

The modern working world requires intelligent, networked solutions that make everyday life easier and save energy at the same time. onework TOUCH meets these requirements with a state-of-the-art, intuitive control system that brings together all relevant building functions on a single platform.

Companies benefit not only from increased energy efficiency, but also from a better working environment that has been proven to increase employee productivity and satisfaction.

With onework TOUCH, you get an intelligent, easy-to-use and scalable solution that makes buildings smarter, more efficient and more comfortable - a decisive step towards smart buildings and sustainable room automation.







# Sources

- Organization (IAO) - Study on the acceptance of smart building technologies - [Fraunhofer IAO](#)
- International Energy Agency (IEA) - Energy saving potential through smart building automation - [IEA Reports](#)
- Harvard Business Review - Influence of light and climate conditions on cognitive performance - [Harvard Business Review](#)
- McKinsey study “Future Workspaces 2030” - Future-proofing through flexible management systems - [McKinsey Reports](#)
- Frost & Sullivan - “The Smart Workplace 2030” - Automation of working environments - [Frost & Sullivan Reports](#)



## Contact

onework GmbH  
Koboldstr. 4  
24118 Kiel

✉ [info@onework.de](mailto:info@onework.de)

🌐 [www.onework.de](http://www.onework.de)