



**We are specialists in IT areas** and related fields, determined to provide our Clients with **solutions that increase work efficiency and bring specific financial benefits.**

## IoT (Internet of Things)

IoT, in the simplest terms, **is a network of interconnected devices**, equipped with various types of sensors and software, **exchanging information among themselves.**

### WHY IS IT THE TECHNOLOGY OF THE FUTURE?

By collecting and exchanging information, the sensors located at particular points help individual machines to operate more efficiently and enable entire device sets to function more efficiently. An IoT system, when properly implemented throughout the organization, **introduces automation of some decisions and provides data to optimize the work of teams as well as entire enterprises.**

IoT is an extremely democratic technology. It provides data and suggestions to optimize machine functioning as well as the work of regular employees and managers of all levels, including the company management.

**In 2020, the 25 billionth IoT sensor will be installed on a device.**

By 2025, IoT devices will help businesses and organizations with total annual revenues of over \$11 trillion.

**In other words, everything that can be connected will be connected.**

## Where to begin?

### Our advice: start small.

Let us install **motion detectors in your conference rooms** to analyze the real use of office space and see if you really need that much of it.



Our experience confirms two facts: that the rooms are always empty and that employees always complain that there are never any free rooms. However, projects show that, on average, it is possible to reduce the conference room area by 30% without reducing efficiency.

We can also **connect several machines in one production hall** so that they start to learn new production and material systems from each other as well as to calibrate, optimizing production time and the employment of human teams.



Also, **we can optimize the use of electricity and the costs associated with it**, using light and current flow sensors.

**If we do something small and it brings your company measurable benefits, we will arrange for further projects.**

At some point, we will be able to connect two of the IoT systems and achieve benefits for the entire production hall. Or reduce power consumption at an organization-wide level. Or completely optimize the use of office space.

**We could also start by planning a revolutionary transition to IoT technology for the entire company. But after months of carrying out analysis, running workshops and making presentations we will eventually come to the conclusion that it is better to start small.**



EXPANDING  
DIMENSIONS  
OF EFFECTIVENESS

## Why Five Dimensions?

We develop a **comprehensive service**. We will analyze the situation and work towards a solution. We will assist you in the selection and purchase of network equipment and infrastructure. We will take care of data, device and connection **security**. When it comes to software, we will implement a solution based on Azure, Microsoft's platform, which **will enable data analytics and performance optimization**.



**5d@fivedimensions.pl**  
**www.fivedimensions.pl**  
**tel. +48 22 472 45 00**  
**fax +48 22 472 45 07**



**EXPANDING  
DIMENSIONS  
OF EFFECTIVENESS**

## How do we do it?

For each of our projects we use a proven and constantly improved process:



Needs analysis and solution planning, including project documentation.



Selection of optimal infrastructure (devices, network, software).



Implementation of the project together with the fine-tuning of the project documentation.



Analysis of implementation and possible corrections.