

data sheet

# Simulation WLAN



## How Wireless Consulting Works

Just 60 seconds and a click away:  
the way we work is explained in the video.



## Because simulating at an early stage **WORKS**

As a basis for the simulation of the planned WLAN infrastructure, only the floor plans of the area/route to be supplied are used. Based on the requirements recorded in advance, we simulate the WLAN propagation with all defined WLAN components. These simulation results are based on assumptions and purely theoretically determined values and do not consider any potential causes of interference on site. Therefore, this form of WLAN planning is only used if the buildings to be supplied do not yet exist or cannot be accessed.

**The result: You will receive a quantity structure from us that lists all the hardware you need.** At this early stage, however, without information concerning the specific installation instructions for each installation site that are necessary for a proper installation.

### We simulate theoretically - you start practically

The simulation by Wireless Consulting consists of a logical sequence of proven steps. It includes the phases of **preparation, technical execution** including the measuring equipment, **evaluation** and **post-processing**.

#### 1. Simulation of the WLAN infrastructure incl. frequency planning based on detailed building plans

- Integration and calibration of building plans
- Drawing of the building structure and definition of materials
- Defining the attenuation zones and supply areas
- Simulation with display of predefined parameters for ranges, data throughput, redundancies, and channel planning
- Creating the quantity structure with all WLAN components to be used
- Documentation of all results (in English)



## Good service & fair prices - a connection that **WORKS**

Services of this project phase are invoiced at a flat rate. There are no travel expenses. The expenses for the simulation are estimated by us in advance and offered/billed at a flat rate.

Fault analysis – WLAN certification – Familiarization – **Simulation** – Wireless planning  
Training – QoS Measurement – Commissioning – Configuration – Conception

