



# **Industrial IT & Scanning Solutions**

## **Wi-Fi infrastructure**

 **JUNGHEINRICH**

# **Fully networked for a successful future.**

**For maximum efficiency and speed in the warehouse.**

Thanks to our high-availability and high-performance Wi-Fi infrastructure, your employees can access the data of the warehouse management or ERP system directly in the warehouse – and with free mobility in all areas with Wi-Fi access.

To plan the required number and position of wireless access points, we create a simulation based on your warehouse layout, which already takes into account the attenuation of the Wi-Fi signal by the warehouse structures. Even in areas where logistics and production are difficult, we can assist you with the installation of a functional Wi-Fi infrastructure.

During installation, we rely on high-quality, industrial-grade Wi-Fi components that we configure according to your wishes. Optionally, the performance of the environment can be optimised and documented via a system and performance analysis.

## **All benefits at a glance**

- Real-time connection to the warehouse via radio data terminals.
- High-quality Wi-Fi components from Extreme Networks.
- High availability due to intelligent forwarding.
- Complete planning and integration by Jungheinrich.
- Professional measuring technology for planning and analysis.

# **Your Wi-Fi infrastructure**

## **for maximum customer benefits.**



### **Efficiency**

**Maximum output with the most efficient tools.**

Take full advantage of our intelligent IT solutions and use the mobile connection for your employees to significantly increase goods throughput, quality and efficiency in your warehouse.

#### **Industrial standards**

- Integration of truck terminal or other Wi-Fi-enabled components into your network.
- Direct and mobile connection of the warehouse to your Warehouse Management or ERP System.
- Data processing in real time.
- Intelligent roaming for uninterrupted forwarding between the individual access points.
- High-quality, industrial-grade Wi-Fi components.



### **Individuality**

**A tool as individual as your business.**

We handle the planning and integration of your mobile IT infrastructure, you take care of business. Even if you have complex technical requirements, Jungheinrich can deliver customised data solutions for your operation.

#### **Professional planning**

- Development of a customer-specific requirements profile for an optimally dimensioned and future-proof Wi-Fi infrastructure.
- Simulation of the required number and position of wireless access points based on the warehouse layout.
- Consideration of weakening of the WLAN signal by warehouse structures such as racking, goods and walls.
- Measurement of radio signals for the exact positioning of individual wireless access points including specific installation positions.
- Also with optional photo documentation.

#### **Performance analysis**

- Jungheinrich IT solutions can also be integrated into third-party Wi-Fi infrastructures.
- Wi-Fi system and performance analysis for verification and assurance of optimum availability in an already existing Wi-Fi infrastructure.
- Development of optimisation solutions.



### **Safety**

**Best conditions for working safely.**

To ensure that your data does not fall into the wrong hands: in addition to high-quality products, our one-stop service and support options provide reliable, fail-safe processes and maximum data security.

#### **High level of data security**

- Encryption protects against unauthorised access.
- Safety concept for protection against failures.
- Certified applications.

The German production facilities in  
Norderstedt, Moosburg and Landsberg  
are certified as well as our Genuine Parts  
Center in Kaltenkirchen.

ISO 9001  
ISO 14001

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