



Features

- 3D simulation tool to simulate WirelessHART networks
- For all WirelessHART devices
- Pepperl+Fuchs' devices are preconfigured
- Stand-alone software
- Free trial version available

Function

The Wireless Network Checker (WiNC) is a 3D radio network planning suite. It enables you to create 3D models of facilities and to calculate the wave propagation and connectivity of WirelessHART networks based on mathematical ray tracing algorithms.

WiNC takes environmental factors into account and offers proof of concept. It reduces installation time and optimizes the amount of WirelessHART devices.

Technical data

Software	
Hardware requirements	Processor: 1 GHz or faster Memory: 512 MB or more Disk space: 500 MB or more
Software requirements	Operating system: Windows 98 or newer Software: DirectX 9 or newer
Languages	English
Licensing	A free trial version is available at http://www.pepperl-fuchs.com/winc To access the full software functionality, order an USB hardware key at Pepperl+Fuchs. The USB hardware key contains a full license, which you can use with every installation of WiNC. The driver for the USB hardware key is included.
Components	WiNCMod (WiNC Modeling) enables you to create and edit 3D models of almost any plant or building. Depending on your application, you can freely adjust the level of detail of the 3D models from basic overviews to highly complex structures. WiNCSim (WiNC Simulation) enables you to simulate the wave propagation and connectivity between the individual network nodes. You can import the 3D models from WiNCMod and simulate different network topologies by placing the WirelessHART devices directly into the 3D model.
Installation	Administrator rights required
Associated products	WirelessHART devices