

## Node network is the backbone of the working IPCS solution delivering accurate positioning information.

Node variants support multiple input/output options: analog, digital, or Wiegand to add different devices to IPCS system. These devices can be for example temperature, pressure or PIR sensors. By using the digital connection, practically any device can be connected to the system.

IPCS creates an own system without the need to integrate, load or compromise the existing network. Self-healing as well as functionality during power cuts are features required by a robust network and which are met with the 9Solutions IPCS system. In case of failing node, the network will heal and inform the IT personnel for further actions.



## Node

### Features

#### Generic

- ✓ IPCS Nodes is wireless device forming self organizing network enabling fast and effortless installation of the IPCS system. No cabling or intrusive installation required.
- ✓ The Node network ensures accurate positioning, scalability, hassle free operation and system self diagnostics.
- ✓ Variants with back up battery ensure 24h operation during power cuts if required\*.
- ✓ Safety and performance of an existing IT infrastructure is guaranteed as the IPCS does not use it. Customer's network is not loaded with positioning related data transfer and there is no need to compromise network safety by opening it for an RTLS system use.
- ✓ Power Supply Unit included in all models.

\* With back up battery enabled variants

#### Electrical

<b>Frequency Range:</b>	2.4GHz, ISM band (2400-2483,5 MHz)
<b>Output Power:</b>	4dBm
<b>Battery:</b>	950 mAh Lithium ion polymer battery *
<b>Range:</b>	Varies from 5m to 30m depending on building constructions

#### Environment

<b>Operating temperature :</b>	-20°C to 55°C
<b>Storage temperature :</b>	-40°C to 70°C
<b>Humidity:</b>	95% relative humidity, non-condensing
<b>Protection:</b>	IP54

#### Physical

<b>Weight:</b>	65 g
<b>Dimensions:</b>	170x42x13 mm

Product specifications described herein are subject to change without prior notice.

## 9Solutions. That's why. IPCS Key Selling Points.

- ✓ **IPCS By 9Solutions.** Wireless Bluetooth and SaaS based indoor positioning solution platform.
- ✓ **Effortless Installation.** Robust self-organizing Node network, no local software installations.
- ✓ **Low maintenance costs.** Sophisticated self-diagnostics.
- ✓ **No hidden costs.** IPCS Service Subscription includes always the latest software versions available.
- ✓ **Standardized technology.** Real time tracking of IPCS Tags and billions of other Bluetooth devices.

Combination of solid Bluetooth technology platform and 9Solutions' strong IPR portfolio has enabled us to build a unique product.

The IPCS sets new RTLS performance standards.  
It is built on robust wireless Bluetooth technology, used in over 3 billion devices globally.



## SEEK NO MORE IPCS by 9Solutions

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